

CATALOGO LISTINO

2016/17

ARCLUCE

COLOURI DI PRODUZIONE
PRODUCTION COLOURS

00 Neutro (vetro) - *Neutral (glass)*

10 Sabbiato (vetro) - *Frosted (glass)*

11 Bianco - *White* (RAL9010)

12 Nero - *Black* (RAL9005)

13 Rosso - *Red*

14 Giallo - *Yellow*

15 Verde - *Green*

16 Grigio - *Grey* (vicino a/close to RAL7024)

17 Blu - *Blue*

18 Rosa - *Pink*

19 Nero lucido - *Black brush* (RAL9005)

21 Alluminio - *Aluminium* (RAL9006)

23 Ruggine - *Rust colour* (vicino a/close to RAL8011)

24 Bianco lucido - *White brush* (RAL9010)

25 Verde - *Green* (RAL6034)

30 Acciaio inox - *Stainless steel*

31 Cromato - *Chrome-plated*

32 Ottonato - *Brass-plated*

33 Nikel satinato - *Satinised nickel*

99 Colori a richiesta: maggiorazione sul prezzo a seconda della quantità.
Colours on request: price increase according to quantity.

COOL-GLASS
Bassa temperatura della superficie del vetro di protezione.
Low temperature of the protection glass surface.

Dati fotometrici.
Photometric data.

Applicazioni consigliate.
Suggested applications.

Superficie esposta al vento.
Surface exposed to the wind.

Calpestabile.
Can be walked over.

Carrabile alla velocità massima di 20 Km/h.
Can be driven over at maximum speed 20 Km/h.

Carico statico sopportabile.
Static load capacity.

Apparecchio contro l'inquinamento luminoso.
No light pollution fitting.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

CLASSI DI ISOLAMENTO AMMESSE DALLE NORMATIVE.
ELECTRICAL INSULATION CLASSES ADMITTED BY THE STANDARDS.

CLASSE I - *CLASS I*
Apparecchi con tutte le parti metalliche accessibili collegate al circuito di terra.
Light fittings with all accessible metal parts connected to earth circuit.

CLASSE II - *CLASS II*
Apparecchio in cui tutte le parti metalliche accessibili non possono assumere tensione in caso di guasto.
L'apparecchio non ha dispositivo di messa a terra.
Light fitting where all accessible metal parts are insulated from voltage in case of failure.
The light fitting does not avail of earth device.

CLASSE III - *CLASS III*
Apparecchi alimentati e funzionanti a bassissima tensione.
Light fittings working with very low voltage.

Kg Pesi riferiti al prodotto privo d'imballo.
Weights are referred to the products without package.

Foro incasso.
Recessed hole.

Angolo di orientamento.
Light beam angle.

850°C Tecnopolimero resistente alla prova del filo incandescente 850 °C.
Technopolymer resistant against the 850 °C glow wire test.

VO Grado di autoestinguenza.
Self-extinguishing capacity degree.

Fusibile.
Fuse.

CE La marcatura CE indica la conformità dei prodotti che la riportano ai requisiti essenziali delle direttive comunitarie europee.
CE is the abbreviation of Conformité Européenne. The CE mark is a mark to state conformity of products to the essential requirements of the European Community Directives.

I FLUSSI E LE PERFORMANCE DEGLI APPARECCHI INDICATI IN TABELLA, SONO SOGGETTI A TOLLERANZA PARI A +/- 7%
FLUX AND PERFORMANCE OF PRODUCTS, AS PRESENTED IN THE TABLES, ARE SUBJECT TO TOLLERANCES OF +/- 7%.

GRADO DI PROTEZIONE
PROTECTION DEGREE

IP20 Protetto contro corpi solidi Ø > 12 mm.
Protected against solid objects Ø > 12 mm.

IP23 Protetto contro corpi solidi Ø > 12 mm e contro la pioggia.
Protected against solid objects Ø > 12 mm and rain-proof.

IP40 Protetto contro corpi solidi Ø > 1 mm.
Protected against solid objects greater than 1 mm.

IP43 Protetto contro corpi solidi Ø > 1 mm e contro la pioggia.
Protected against solid objects greater than 1 mm and rain-proof.

IP44 Protetto contro corpi solidi Ø > 1 mm e contro gli spruzzi d'acqua.
Protected against solid objects greater than 1 mm and splash-proof.

IP54 Protetto contro la polvere e contro gli spruzzi d'acqua.
Dust–proof and splash-proof.

IP55 Protetto contro la polvere e getti d'acqua.
Dust–proof and jet-proof.

IP65 Totalmente protetto contro la polvere e protetto contro i getti d'acqua.
Dust–tight and jet-proof.

IP66 Totalmente protetto contro la polvere e protetto contro i getti d'acqua in pressione.
Dust–tight and powerful water jet-proof.

IP67 Totalmente protetto contro la polvere e stagno all'immersione.
Dust–tight and water-tight (immersible).

IP68 Totalmente protetto contro la polvere e stagno alla sommersione.
Dust–proof and sealed against submersion.

CABLAGGIO - *WIRING*

Tutti gli apparecchi cablati sono adatti a funzionare con tensione di alimentazione **230V/50Hz**.
A richiesta possono essere eseguiti cablaggi per altre tensioni di alimentazione.

*The light fittings are geared for **230V/50Hz** voltage.*
Different voltages available on request.

SC Senza cablaggio.
Without wiring.

C Cablaggio semplice, non rifasato.
Wiring without capacitor.

CR Cablato rifasato.
Wiring with capacitor.

CEI Cablato con alimentatore elettronico.
Wiring with electronic ballast.

DALI Cablato con alimentatore elettronico DALI.
Wiring with DALI electronic ballast.

DIMM Cablato con alimentatore elettronico dimmerabile 1-10V.
Wiring with electronic 1-10V dimmable ballast.

COMM Dispositivo di commutazione.
Equipped with commutator.

BIP Cablaggio bipotenza con commutazione elettronica per la riduzione della potenza nelle ore notturne.
Bipower wiring with electronic commutation for energy savings during night hours.

CEM Cablato per una lampada di emergenza sempre accesa, autonomia 1 ora.
Wiring with emergency lamp always lit - 1 hour duration.

CREM Cablato rifasato per una lampada di emergenza sempre accesa, autonomia 1 ora.
Corrected wiring with emergency lamp always lit - 1 hour duration.

CEI-EM Cablato con alimentatore elettronico e una lampada di emergenza sempre accesa, autonomia 1 ora.
Wiring with electronic ballast and emergency lamp always lit - 1 hour duration.

DALI-EM Cablato con alimentatore elettronico DALI e una lampada di emergenza sempre accesa, autonomia 1 ora.
Wiring with DALI electronic ballast and emergency lamp always lit - 1 hour duration.

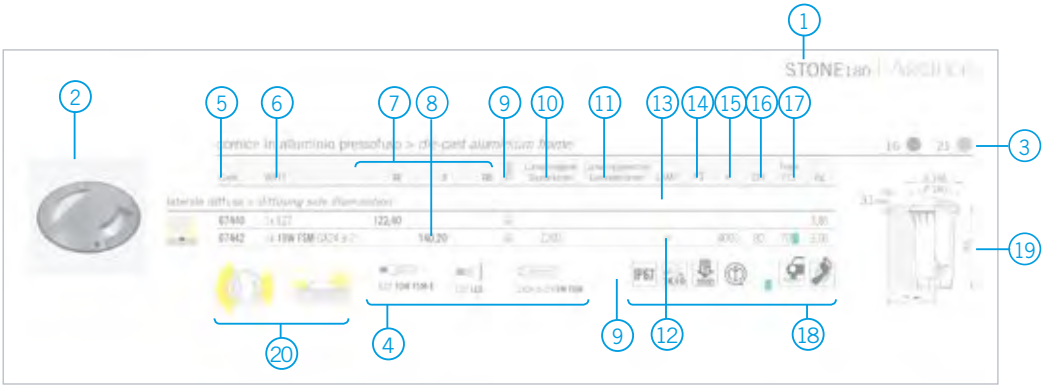
DIMM-EM Cablato con alimentatore elettronico dimmerabile 1-10V e una lampada di emergenza sempre accesa, autonomia 1 ora.
Wiring with electronic 1-10V dimmable ballast and emergency lamp always lit - 1 hour duration.

Codice IK: gradi di protezione degli involucri per apparecchiature elettriche contro impatti meccanici esterni, secondo la norma EN 62262.

IK code: *degrees of protection provided by enclosures for electrical equipment against external mechanical impacts as per the EN 62262 Standard.*

CODICE IK *IK CODE*	**IK01**	**IK02**	**IK03**	**IK04**	**IK05**	**IK06**	**IK07**	**IK08**	**IK09**	**IK10**
Energia di impatto - Joule *Impact energy - Joule*	0,15	0,2	0,35	0,5	0,7	1	2	5	10	20

COME LEGGERE IL CATALOGO
HOW TO READ THE CATALOGUE



1. Nome dell'apparecchio
   Light fitting name
2. Immagine prodotto
   Picture
3. Colori di produzione
   Production colours
4. Tipo di sorgenti luminose
   Light sources type
5. Codice ordine ARCLUCE
   ARCLUCE order code
6. Potenza [Watt] - lampada/LED
   Power [Watt] - lamp/LED
7. Cablaggio
   Wiring
8. *Prezzo*
   Price
9. Classe di isolamento elettrica
   Electrical insulation class
10. Flusso nominale sorgente [lumen]
    Per sorgenti LED è da intendersi misurato a Tj=85°C, come indicato dal fornitore LED
    Nominal flux [lumen]
    For LED source it is measured at Tj=85°C, data provided by LED manufacture
11. Flusso apparecchio [lumen]
    Solo per sorgenti LED è rilevato a Ta=25°C
    Luminaire flux [lumen]
    Measured at Ta=25°C and only for LED source
12. Con lampada / con LED
    With lamp / with LED
13. Senza lampada
    Without lamp
14. Angolo di orientamento (γ)
    Aiming range (γ)
15. Temperatura di colore (K)
    Colour temperature (K)
16. Indice di resa cromatica
    Colour Rendering Index
17. Temperatura della superficie del vetro di protezione
    Temperature of the protection glass surface
18. Classificazione
    Rating
19. Disegno tecnico
    Technical drawing
20. Tipo di illuminazione
    Beam type



COME COMPLETARE IL NOSTRO CODICE
HOW TO COMPLETE OUR CODE

Codice > *Code*	Colore > *Colour*	Cablaggio > *Wiring*	
07442	16	C	**07442**-16 C

CODICE FINALE
FINAL CODE

ILLUMINAZIONE PER INTERNI > *INDOOR LIGHTING*

SISTEMI MODULARI > *MODULAR SYSTEMS* 17


18 **RIGO**30
28 **RIGO-IN**30
LINEA CONTINUA
CONTINUOUS LINE


32 **RIGO**30
A PARETE
WALL MOUNTING


35 **RIGO**50
46 **RIGO-IN**50
LINEA CONTINUA
CONTINUOUS LINE


50 **RIGO**50
BIANCO DINAMICO
TUNABLE WHITE


52 **RIGO**50
A PARETE
WALL MOUNTING


55 **RIGO-IN GCO**50
MODULO SINGOLO
SINGLE MODULE


57 **RIGO GCO**50
61 **RIGO-IN GCO**50
LINEA CONTINUA
CONTINUOUS LINE


63 **RIGO GCO**50
A PARETE
WALL MOUNTING


65 **RIGO GCO**50
A PARETE ORIENTABILE
ADJUSTABLE WALL MOUNTING


66 **RIGO**50
BINARIO ELETTRIFICATO
ELECTRIFIED TRACK

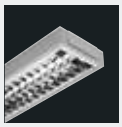

69 **RIGO GCO**50
SPOT


70 **MILES**


72 **MILES**
LINEA CONTINUA
CONTINUOUS LINE


74 **LAMBDA**


78 **CREA**


87 **BETA**T5

BINARI ELETTRIFICATI E SPOT > *ELECTRIFIED TRACKS AND SPOTLIGHTS* 89


90 **BINARIO ELETTRIFICATO DALI**
ELECTRIFIED DALI TRACK


94 **OPERA**
PARETE
WALL MOUNTING


95 **OPERA**


98 **FOBO**1


100 **FOBO**2


103 **MODAL**1


104 **MODAL**1
PARETE
WALL MOUNTING


105 **MODAL**2

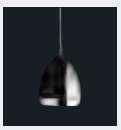

106 **MODAL**2
PARETE
WALL MOUNTING


106 **MODAL**2
PLAFONE
CEILING


69 **RIGO GCO**50
SPOT

APPARECCHI A SOSPENSIONE > *SUSPENDED-MOUNT LUMINAIRES* 107


108 **STILO**


111 **JUNO**LED


112 **ICARO**LED


113 **ARA**


115 **HIGH-SPOT**


202 **INTIS**210

APPARECCHI DA INCASSO A SOFFITTO > *RECESSED DOWNLIGHTS* 119


120 **DiMILANO**60
128 **DiMILANO**100

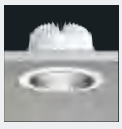

122 **DiMILANO**60
PIN HOLE
131 **DiMILANO**100
PIN HOLE


123 **DiMILANO**60
QUADRATO
SQUARE
132 **DiMILANO**100
QUADRATO
SQUARE


125 **DiMILANO**60
PIN HOLE QUADRATO
PIN HOLE SQUARE
135 **DiMILANO**100
PIN HOLE QUADRATO
PIN HOLE SQUARE


138 **TANTUM**50-60
COMPACT
140 **TANTUM**80
COMPACT


141 **QUANTUM**80
COMPACT


144 **TANTUM**170
COMPACT
148 **TANTUM**210
COMPACT

153 **TANTUM**130
161 **TANTUM**170
163 **TANTUM**210

156 **QUANTUM**130
166 **QUANTUM**210

168 **SIRIO**LED
130-180-200

171 **SIRIO**200
SIRIO220
DARK-LIGHT

172 **JUNO**200

175 **HIGH SPOT-IN**
178 **HIGH SPOT-IN**
TRIMLESS

182 **KLEIN**25-55

183 **FARETTI DA INCASSO**
RECESSED SPOTLIGHTS

55 **RIGO-IN GCO**50
MODULO SINGOLO
SINGLE MODULE

APPARECCHI A PLAFONE > *CEILING LUMINAIRES* 189


190 **FLAT**

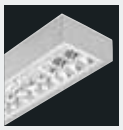

192 **DOT**210


193 **STILO-PL**

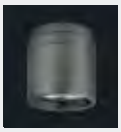

196 **DEMO-PL**200


198 **DEMO-PL**230


200 **THETA-PL**
LED


200 **THETA-PL**

ILLUMINAZIONI DI GRANDI AREE > *LARGE SPACE LIGHTING* 201


202 **INTIS**210


203 **MOTO**3

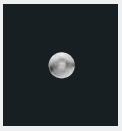

205 **NADIR**
PLAFONE
CEILING

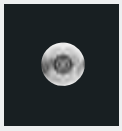

206 **NADIR**
SOSPENSIONE
SUSPENDED-MOUNT

APPARECCHI A PARETE > *WALL-MOUNTED LUMINAIRES* 207


208 **NAPO**


210 **TULA**


211 **KLEIN**25


212 **KLEIN**55


214 **THUNDER**65


32 **RIGO**30
A PARETE
WALL MOUNTING


52 **RIGO**50
A PARETE
WALL MOUNTING


63 **RIGO GCO**50
A PARETE
WALL MOUNTING

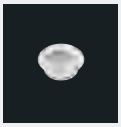

65 **RIGO GCO**50
A PARETE
ORIENTABILE
ADJUSTABLE WALL MOUNTING

ILLUMINAZIONE PER ESTERNI > *OUTDOOR LIGHTING*

INCASSI ALTA PROTEZIONE > *HIGH PROTECTION DEGREE RECESSED LUMINAIRES* 215


216 **NADIR-IN**


218 **RAY**LINEA


220 **NAPO**


222 **RAY**25


223 **RAY**55


224 **RAY**SHORT 110


226 **RAY**110


228 **RAY**SHORT 180

INCASSI A TERRA > *RECESSED FLOOR LUMINAIRES* 233


234 **INGROUND**25


236 **INGROUND**55


239 **INGROUND**65


241 **INGROUND** SHORT110
245 **INGROUND** 110

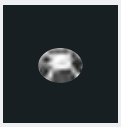

250 **INGROUND** SHORT180
253 **INGROUND** 180


256 **INGROUND** 260


262 **INGROUND** SHORT350
263 **INGROUND** 350


266 **QUAD**200


270 **STONE**25


272 **STONE**55


274 **STONE** SHORT180
276 **STONE**180

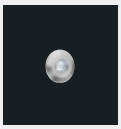

278 **STONE**260

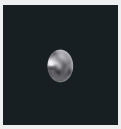

280 **LINEA-IN**

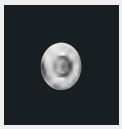

283 **KRIO-IN**

INCASSI A PARETE > RECESSED WALL-MOUNTED LUMINAIRES 287

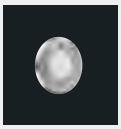

288 **NAPO**


290 **THUNDER**25


290 **THUNDER**25


293 **THUNDER**55


293 **THUNDER**55

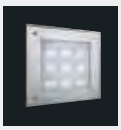

296 **THUNDER**65


298 **THUNDER**110


302 **THUNDER**180


303 **KRIO**LED


305 **RENIO** **RENIO**LED


307 **ASTOR**200


311 **KAMPUS** **KAMPUS**LED

APPARECCHI PER FACCIATE > *FACADE LUMINAIRES* 312


313 **TULA**


313 **TULA**


316 **ELLIS**1


317 **ELLIS**2


319 **EMPHASIS** **EMPHASIS** LED


322 **KRIO**

324 **FILA**

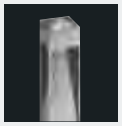
192 **DOT**210

PALETTI > *BOLLARDS* 327


328 **TULA**


330 **KLOU-IK**180


333 **KLOU**180


335 **GOTHIC**110


336 **GOTHIC**180


338 **KUBIX**180


342 **QUADRIO**180

ARREDO URBANO > *URBAN LIGHTING* 343


344 **LUNIO**


346 **LUNIO**7


347 **LUNIO**STREET


350 **QUADRIO**180


352 **PROMENADE**


354 **BOULEVARD** LED

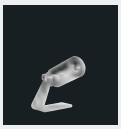

356 **ELLIS**2


357 **LESTER**


361 **PANTHEON**1


362 **PANTHEON**2

PROIETTORI PER ESTERNO > *OUTDOOR FLOODLIGHTS* 363


364 **TITO**25 **TITO**25 SPIKE


366 **TITO**55 **TITO**55 SPIKE


368 **LANDSPIKE**


369 **DUEDIECI** **DUEDIECI** SPIKE


371 **DUEVENTI**


373 **PANTHEON**1


374 **PANTHEON**2 LED **PANTHEON**2


376 **MOTO**


381 **NADIR**


384 **DELPHI**LED


387 **ECO**LED

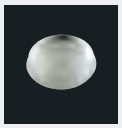

389 **LUXOR**

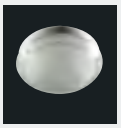
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392 **RADON**


392 **TALLIO**


393 **SQUARE**


393 **SELENIO**1


393 **SELENIO**2


394 **FOBO**2


394 **BOULEVARD**


395 **ECO**


396 **DELPHI**


396 **DELPHI**


396 **CRONO**

397 **CRONO**1

397 **CRONO**2

398 **HIGH SPOT-IN**



ARCLUCE S.p.A. è un'azienda dinamica e in costante crescita, in grado di offrire una gamma sempre più completa di soluzioni illuminotecniche. Dalla fase progettuale al processo produttivo tutto è accuratamente controllato all'interno dell'azienda. Le risorse annualmente stanziate per la ricerca e lo sviluppo hanno permesso una progressiva crescita e arricchimento della gamma, che attualmente riesce a soddisfare le esigenze tecniche e architetturali di lighting designer, architetti e progettisti, promuovendo e sostenendo la produzione di qualità rigorosamente "Made in Italy".

Nello stabilimento di San Zenone al Lambro, alle porte di Milano, operai specializzati e macchinari all'avanguardia, realizzano ed assemblano l'intera gamma dei prodotti ARCLUCE.

ARCLUCE S.p.A. is now a dynamic and steadily growing company, capable of offering an increasingly broad range of light engineering solutions. From the project to production, all steps are accurately checked in-house. The resources currently allocated to research and development have allowed the company to grow and extend its product range, which can now meet the most demanding technical and architectural requirements of lighting designers, architects and designers, thus promoting and supporting top-quality "Made in Italy" manufacturing.

The complete range of ARCLUCE products is manufactured and assembled by skilled workers with cutting-edge machinery in the manufacturing plant located in San Zenone al Lambro, in the Milan area.

www.arcluce.it



Sul sito arcluce.it potrete navigare nel motore di ricerca interno per ottenere informazioni sui prodotti e sulle loro prestazioni.
Troverete inoltre le informazioni tecniche dei prodotti, i progetti realizzati, note sull'azienda e sulla ricerca tecnologica svolta nei nostri laboratori.
Per addetti del settore è possibile trovare i disegni 2D e 3D dei prodotti, le curve fotometriche nei formati più diffusi, schede tecniche e fogli istruzione costantemente aggiornati.

On the website arcluce.it you can surf the internal search engine to get info about products and their performances.
You will also find technical product info, realized projects, facts about the corporate and the technological research done in our laboratories.
The sector's experts could find constantly updated 2D and 3D designs, photometric curves of the most diffused products, technical datasheet and assembly instruction.





SOSTENIBILITÀ E SVILUPPO > *SUSTAINABILITY AND DEVELOPMENT*

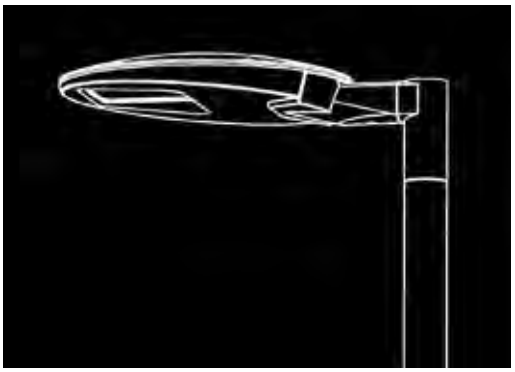
ARCLUCE dedica grande impegno alla ricerca in termini di nuovi materiali, nuove forme e nuove sorgenti, per offrire prodotti altamente performanti e allo stesso tempo rispettosi dell'ambiente. In un'ottica di crescita e sviluppo sostenibile, vengono studiate soluzioni sempre più efficienti, che riducano i consumi e contribuiscano alla protezione e al mantenimento del patrimonio naturale.

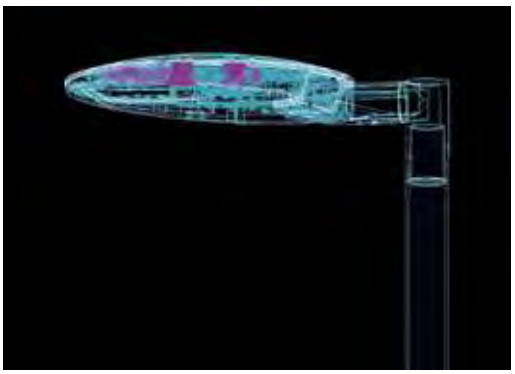
ARCLUCE is strongly committed to research and development, in order to find new materials, shapes and sources and thus supply customers with high-performance products. We target sustainable growth and development by devising more and more effective solutions to reduce consumption and contribute to environmental protection and preservation.

PROGETTAZIONE E DESIGN > *ENGINEERING AND DESIGN*

L'affidabilità tecnica, la qualità dei materiali e la precisione delle soluzioni ottiche ingegnerizzate all'interno di ARCLUCE, unitamente ad un costante studio di forme e linee ricercate, consentono di realizzare soluzioni altamente all'avanguardia ed esteticamente accattivanti.

Reliable engineering, material quality and technologically advanced optical solutions, together with constant research to devise refined, shapes and lines, are the assets that ARCLUCE draws upon to create and offer cutting-edge products combining technology and aesthetic appeal.









LABORATORIO DI CARATTERIZZAZIONE E FOTOMETRICO > CHARACTERIZATION AND PHOTOMETRIC LABORATORY

Il laboratorio ARCLUCE è equipaggiato di strumentazione per la valutazione e la verifica delle proprietà meccaniche e costruttive degli apparecchi secondo la norma di riferimento EN 60598 nonché delle prestazioni illuminotecniche secondo la norma EN 13032. Le attrezzature comprendono una camera per le prove di verifica del grado IP, dispositivi per la verifica della resistenza all'urto e meccanica (in carico statico, in torsione e scorrimento), una camera climatica per verificare il corretto funzionamento degli apparecchi in condizioni di stress, un goniofotometro per rilevare la distribuzione luminosa generata dagli apparecchi.

ARCLUCE laboratory is equipped with the necessary instruments to assess mechanical and construction properties of fittings according to standard EN 60598 as well as their photometric performances according to EN 13032. Equipment includes an IP-degree test chamber, instruments to assess impact resistance and mechanical strength to static loads, torsion and shear loads (IK ratings), a climatic chamber to test fitting under stress conditions, a goniophotometer to measure light distribution out of the luminaire.









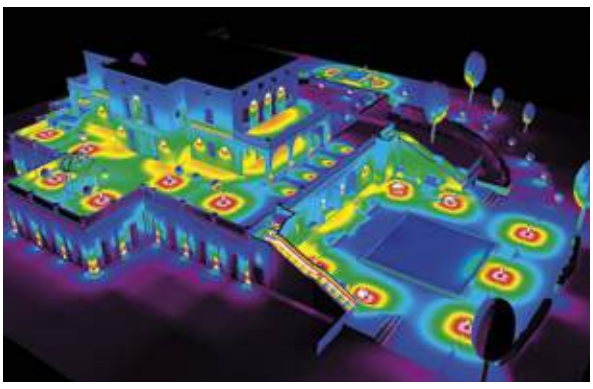
PROGETTAZIONE ILLUMINOTECNICA > LIGHTING DESIGN

ARCLUCE fornisce un servizio di progettazione illuminotecnica alla clientela tramite i suoi tecnici specializzati ed il programma di calcolo illuminotecnico, DIALUX, di cui è azienda associata. Fornendo planimetrie CAD delle zone oggetto di progettazione illuminotecnica, il nostro ufficio progettazione consiglierà gli apparecchi e le soluzione più idonee. Il programma Dialux e gli aggiornamenti degli archivi fotometrici sono scaricabili gratuitamente dal nostro sito internet o forniti su richiesta.

ARCLUCE offers to its customers a lighting design service through its skilled engineers and the lighting design software DIALUX of which our company is partner. By supplying CAD plans of the areas for which lighting design is requested, our design department will be pleased to recommend the most suitable luminaires and installations. Dialux software and upgrades of the photometric archives can be downloaded free of charge from our website or supplied upon request.







CONTROLLO DELLA LUCE > CONTROLLING THE LIGHT

I moderni sistemi di gestione della luce permettono un utilizzo migliore e più corretto delle installazioni luminose e portano considerevoli benefici:

When using modern light management systems we have a correct use of light fittings and considerable advantages:

ENERGY SAVING

Riduzione dei consumi energetici con vantaggi economici e per l'ambiente.

Reduction of energy consumption with financial and environmental benefits.

NATURAL LIGHT

La luce naturale viene integrata nel modo migliore con la luce degli apparecchi.

Natural light is integrated in an optimum way with the fittings' light.

LIGHT LEVEL TUNING

La possibilità di regolare il livello di luminosità permette all'utente di godere della luce più adatta per ogni contesto. Una regolazione intelligente consente di accendere o attenuare la luce a seconda della fascia oraria, dell'illuminazione naturale o della presenza di persone.

The possibility to adjust the brightness level to let the user enjoy the best possible light in any kind of environment. Smart tuning could switch on or soften the light according to timing, natural lighting or human presence.

LIFETIME

Si può prolungare la vita utile dell'apparecchio, e ridurre quindi gli interventi di manutenzione dell'impianto, compensando il decadimento naturale del flusso di sorgente con l'aumento della potenza fornita.

The natural decay of the lighting flux can be compensated by increasing the power supplied to the LED module. This lumen management system would extend the product lifetime and reduce the need for maintenance interventions.

HI-TECH UTILITY

L'elettronica moderna rende gli apparecchi intelligenti, capaci di interagire con l'esterno tramite sensori e in grado di comunicare con unità centrali di controllo per ottimizzare l'utilizzo e l'esperienza dell'utente.

Smarter fittings within modern electronics communicate through sensors to a central control unit, in order to optimize the user experience and usability.









Attualmente sul mercato esistono molteplici e consolidate tecnologie adatte ad ogni contesto.
The current market gives multiple and strengthened technologies suitable to every kind of context.

	PUSH:	PHASE-CUT:	1-10V:	DALI:	DMX512-A:
CODICE CABLAGGIO WIRING CODE	On request	**PC** On request	**DIMM**	**DALI**	**DMX**
	Protocollo analogico che regola la luminosità tramite un comune pulsante normalmente aperto. *Simple analog protocol that adjusts the brightness through a normally open push button.*	Sistema di regolazione tramite dimmer leading/trailing edge. *Analog control system based on leading/ trailing edge dimmers.*	Protocollo analogico in grado di regolare la luce ed utilizzare i sensori di luminosità e/o di movimento. *Analog protocol that allows the adjustment of the brightness and introduces the use of light and/or motion sensors.*	Protocollo digitale che permette la gestione indipendente di più punti luci, la memorizzazione di diversi scenari luminosi, l'utilizzo di sensori e l'integrazione in sistemi più complessi di Building Management Systems (BMS). *Digital protocol that enables independent management of multiple light points, storage of lighting scenarios, use of sensors and integration in more complex systems of Building Management Systems (BMS).*	Protocollo digitale inizialmente utilizzato nel mondo del teatro, e particolarmente indicato per realizzare scenari luminosi dinamici nei sistemi cambia-colore. *Digital protocol born in theatrical environment for the management of lighting dynamic scenarios in the color-change systems.*

Per poter fruire al massimo dei vantaggi offerti dal sistema di gestione delle luci, non si può prescindere dalla scelta della modalità di controllo più adeguata

Finally, to take the best advantages from the light management systems it is essential to select the best control system.



Pulsante/manopola tradizionale

Traditional Button



Touch panel

Touch panel



Smartphone/tablet

Smartphone/tablet



PC per installazioni complesse

PC for complex installations

TECNOLOGIA BLUETOOTH > BLUETOOTH TECHNOLOGY

In qualsiasi ambiente ci troviamo - che sia un ufficio, un hotel, una residenza privata o altro - un adeguato controllo della luce è fondamentale per avere una corretta illuminazione in grado di soddisfare ogni esigenza.

Per offrire le migliori soluzioni illuminotecniche a queste necessità gli apparecchi Arcluce possono essere dotati di un dispositivo Bluetooth Low Energy (BLE) di controllo e dimmeraggio della luce.

La tecnologia Bluetooth Low Energy (BLE) connette tutti gli apparecchi al vostro dispositivo mobile per permettervi di creare lo scenario desiderato e personalizzare la vostra esperienza di luce.
Con una semplice ed intuitiva interfaccia grafica potrete spegnere o accendere la luce, aggiustare la temperatura di colore o impostare un colore a piacere, creare scenari o animazioni luminose dal vostro smartphone o tablet.

Le principali caratteristiche del sistema Bluetooth Low Energey (BLE) sono:

- Controllo senza fili della sorgente luminosa, senza la necessità di reti wifi o altre apparecchiature
- Dispositivo di controllo integrato direttamente nell'apparecchio
- Ulteriori accorgimenti al momento dell'installazione dell'apparecchio non sono richiesti
- Creazione di gruppi di apparecchi collegati tra loro per un controllo simultaneo
- Creazione, configurazione e archivio di scenari luminosi personalizzati
- Possibilità di usare il timer per l'attivazione e disattivazione degli scenari a orari prestabiliti

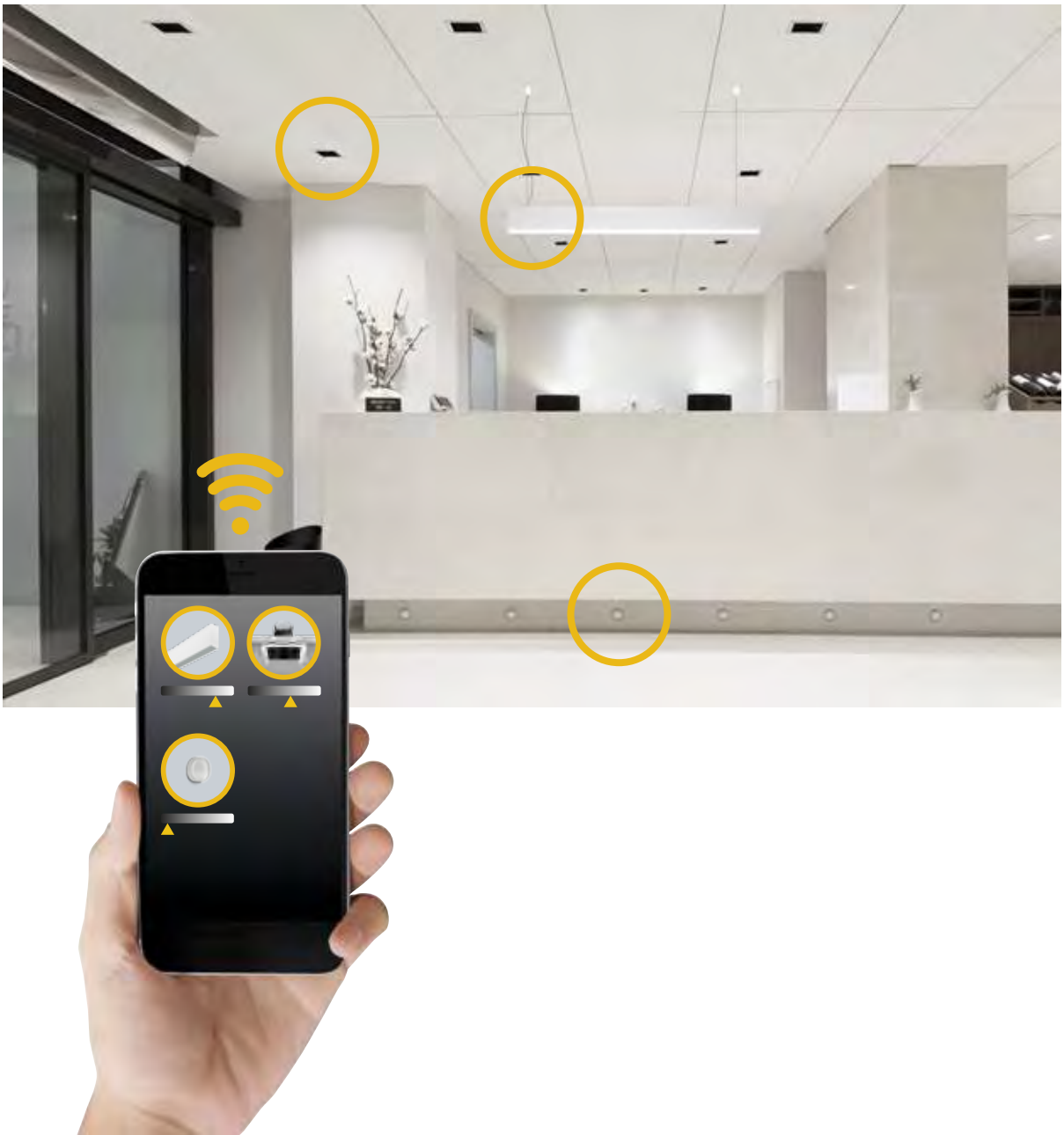
Whatever the space - office, hotel, private residence or others - a lighting control system is needed to ensure the correct lighting for the application.

In order to provide the best lighting solutions, Arcluce fittings can be equipped with a Bluetooth Low Energy (BLE) device to control and dim lighting.

The Bluetooth Low Energy (BLE) technology connects the fittings to your mobile device to let you create the desired scenario and customize your light experience. With an intuitive and simple visual user interface you can switch the light on or off, adjust the colour temperature or define the preferred colour, create scenarios or lighting entertainment from your smartphone or tablet.

Features of the Bluetooth Low Energey (BLE) technology include:

- *Direct wireless control of the light source without the need of WiFi or other devices*
- *Control device integrated directly into the fitting*
- *Peculiar adaptations during fitting's installation are not required*
- *Creation of interconnected groups of luminaires for a simultaneous control*
- *Creation, configuration and archiving of custom lighting scenarios*
- *Timer option for activation or deactivation of scenarios at pre-arranged timing*

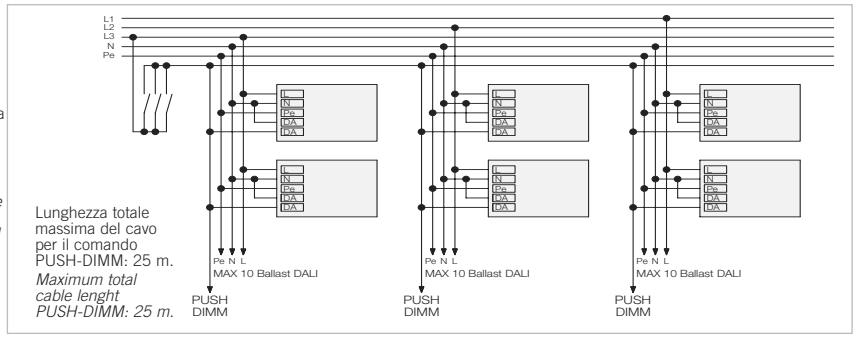


CONTROLLO D'INTERNI > INTERIOR CONTROL

PUSH

Il sistema analogico PUSH, per apparecchi con lampade fluorescenti, è la più semplice soluzione per il controllo di un piccolo gruppo di luci, per esempio un ufficio. Esso richiede l'utilizzo di alimentatori dedicati che interpretino la sequenza di pressioni su un comune pulsante normalmente aperto. Questa funzionalità è normalmente disponibile negli alimentatori DALI in dotazione agli apparecchi.

The analog system PUSH, for fluorescent fittings, is the simplest solution for the control of a small group of lights, for example, inside an office. It requires the use of dedicated ballasts able to interpret the sequence of pressure on a normally open common button. This feature is normally available in DALI ballasts supplied together with the light fitting.



DIMM (1-10V)

Il protocollo analogico 1-10V estende le potenzialità del sistema precedente introducendo l'uso di sensori e l'integrazione con centraline per la gestione di sistemi più complessi quali un gruppo di uffici e corridoi o un magazzino. Il punto luce varia la potenza emessa in accordo con la tensione applicata a dei morsetti dedicati sul driver. Questa tensione può provenire da un semplice potenziometro manuale o da sensori automatici che rilevano il livello di luminosità naturale e/o la presenza di persone.

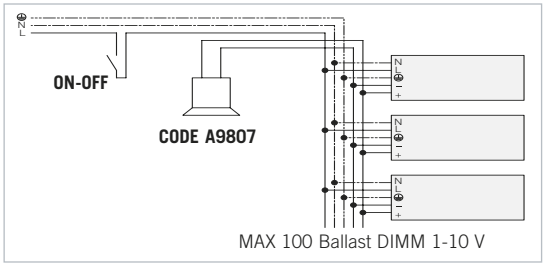
PUSH dimming is an analog system and is the simplest solution for the control of a small group of lights, for example, inside an office. It requires the use of dedicated drivers able to interpret the sequence of pressure on a normally open push button. This feature is normally available in DIMM and DALI drivers supplied together with the light fitting.



Code		Kg
A9806	●	0,02

Sensore di luminosità per interfaccia 1-10 V per la regolazione della luce artificiale in funzione di quella naturale. Può essere applicato direttamente a lampade T8 e T5. Solo per apparecchi aperti. Risparmio di energia fino al 50%. Semplice regolazione attraverso la rotazione dell'involucro.
Numero apparecchi collegabili: 5.
LUNGHEZZA MASSIMA DEI CONDUTTORI DI REGOLAZIONE: 100 m.

1-10 V sensor for daylight-dependent control with automatic shutdown in adeguate daylight. Simple clip-on fitting for T8 and T5 lamps. Only for open fittings. Up to 50% energy savings. Easy to adjust by turning the casing.
Signal output: max 5 dimmable ballast 1-10 V.
MAXIMUM TOTAL CABLE LENGHT 100 m.

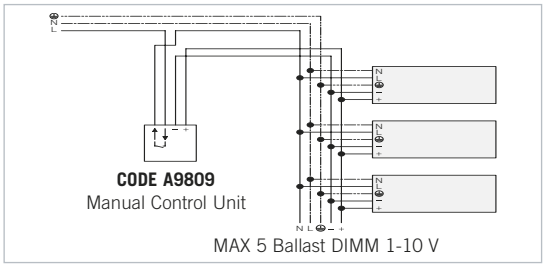




Code		Kg
A9808	●	0,15

Sensore 1-10 V di presenza e luminosità per la regolazione della luce artificiale in funzione di quella naturale. Installazione a soffitto. Risparmio di energia fino al 70%. Impostazione del livello di illuminamento con trimmer integrato. Tempo di attesa regolabile per intervento di disinserimento: 5-30 min.
Numero apparecchi collegabili: 50.
LUNGHEZZA MASSIMA DEI CONDUTTORI DI REGOLAZIONE: 100 m.

1-10 V light and motion sensor for surface mountig on ceilings. Sensor for daylight-dependent control with automatic shutdown in adeguate daylight.Up to 70% energy savings. Integrated trimmer for adjustable the lighting level. Switch-off delay range: 5 to 30 minutes.
Signal output: max 50 dimmable ballast 1-10 V.
MAXIMUM TOTAL CABLE LENGHT 100 m.

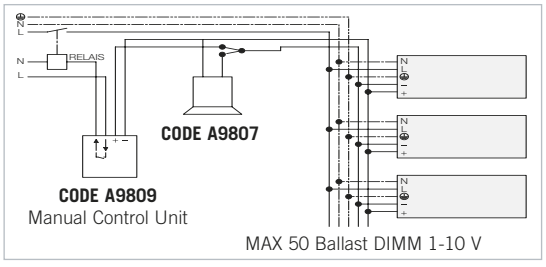




Code		Kg
A9807	●	0,10

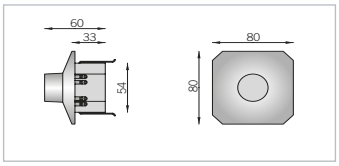
Sensore di luminosità per interfaccia 1-10 V per la regolazione della luce artificiale in funzione di quella naturale. Può essere applicato direttamente a lampade T8 e T5. Solo per apparecchi aperti. Risparmio di energia fino al 60%. Impostazione del livello di illuminamento con trimmer integrato.
Numero apparecchi collegabili: 100 (50).
LUNGHEZZA MASSIMA DEI CONDUTTORI DI REGOLAZIONE: 100 m.

1-10 V sensor for daylight-dependent control with automatic shutdown in adeguate daylight. Simple clip-on fitting for T8 and T5 lamps. Only for open fittings. Up to 60% energy savings. Integrated trimmer for adjustable the lighting level.
Signal output: max 100 (50) dimmable ballast 1-10 V.
MAXIMUM TOTAL CABLE LENGHT 100 m.



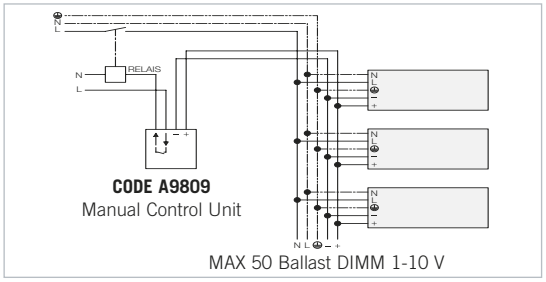


Code		Kg
A9809	●	0,10



Potenziometro elettronico 1-10 V.
Numero apparecchi collegabili: 50.

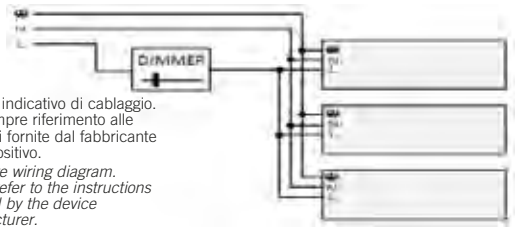
Electronic potentiometer for 1-10 V.
Signal output: max 50 dimmable ballast 1-10 V.



PHASE CUT

La regolazione della luce tramite "taglio di fase" è uno dei metodi più diffusi ed economici disponibili sul mercato. Tramite un dispositivo denominato "dimmer" si agisce sul flusso emesso dall'apparecchio modificando la forma d'onda dell'alimentazione; non sono quindi richiesti cavi supplementari a differenza degli altri sistemi di controllo.

Phase-cut dimming is one of the most common and economic systems available on the market to adjust light levels. With the aid of a device called "dimmer" it is possible to regulate the light output of a fixture by modifying the wave shape of the main voltage supply; hence, it does not require any additional wiring as opposed to other control systems.



Schema indicativo di cablaggio. Fare sempre riferimento alle istruzioni fornite dal fabbricante del dispositivo.

Indicative wiring diagram. Always refer to the instructions provided by the device manufacturer.

DALI

Il protocollo DALI (Digital Addressable Lighting Interface) è attualmente gestito dal consorzio DALI AG e regolamentato dallo standard EN 63386. Esso rappresenta la naturale evoluzione dei sistemi precedenti e ne estende le possibilità. I principali vantaggi sono:

- semplicità d'installazione. Un semplice cavo bibolare agisce da canale di trasmissione su cui gli apparecchi possono agganciarsi senza limitazioni di topologia né di polarità
- robustezza del segnale. La natura digitale permette una interpretazione univoca del messaggio di controllo e la possibilità di rigenerazione per estendere le dimensioni del sistema
- possibilità di definire gruppi d'apparecchi e scenari luminosi
- naturale integrazione in sistemi di Building Management System (BMS)

Arcluce propone a catalogo due soluzioni:

- DALI MULTI 3. Adatto a piccole installazioni quali uffici o sale conferenze, ripropone le stesse funzionalità del sistema 1-10V ma permette una futura integrazione in sistemi DALI più complessi
- DALI BASIC. Questa centralina permette di sfruttare tutte le potenzialità del DALI con il controllo indipendente di singoli punti luci, di gruppi di luci, integrazione con sensori di luminosità e/o movimento.

DALI (Digital Addressable Lighting Interface) is currently managed by the consortium DALI AG and regulated by the standard EN 63386. It represents the natural evolution of the previous systems and it extends the range of possibilities. The main advantages are:

- *ease of installation. A simple double-pole cable acts as transmission channel on which devices can be connected without limitation of topology or polarity*
- *signal strength. The digital nature of the signal allows an unambiguous interpretation of the control message and the possibility of regeneration to extend the size of the system*
- *ability to define groups of devices and lighting scenarios*
- *natural integration into Building Management System (BMS)*

Arcluce offers two solutions in its catalogue:

- *DALI MULTI 3. Suitable for small installations such as offices or conference rooms. It offers the same functionality of the system 1-10V but allows future integration in more complex DALI systems*
- *DALI BASIC. This unit allows the use of the full potential of DALI with independent control of individual light points, groups of lights, and integration with light and/ or movement sensors.*

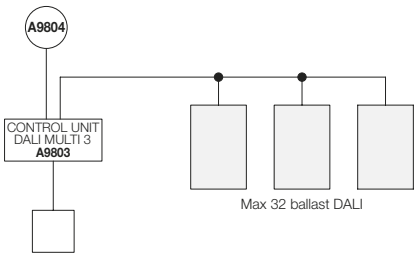
DALI MULTI 3



Code		Kg
A9803		0,25

Unità di regolazione DALI MULTI 3.
Control unit DALI MULTI 3.

Sensori luminosità/presenza
Light/motion sensor



Pulsante
Button



Code		Kg
A9804		0,10

Sensore DALI MULTI 3 di presenza e luminosità per la regolazione della luce artificiale in funzione di quella naturale. Installazione a soffitto.
DALI MULTI 3 light and motion sensor for surface mounting on ceilings. Sensor for daylight-dependent control with automatic shutdown in adeguate daylight.



Code		Kg
A9805		0,10

Connettore di derivazione Y con attacco RJ11.
Y-connector with socket RJ11.

DALI BASIC

Sistema di controllo digitale dell'illuminazione con interfaccia DALI.
Possono essere regolati fino a 64 alimentatori DALI.
4 scenari liberamente programmabili, memorizzazione degli scenari bloccabile (inclusa una regolazione a illuminamento costante in funzione della quantità di luce naturale).
4 gruppi liberamente programmabili, di cui 3 regolabili in funzione della quantità di luce naturale.
Rilevatore di presenza con tempo di attesa per lo spegnimento, regolabile da 1 a 30 minuti.
Segnalazione in caso di lampada guasta o cablaggio difettoso (tramite LED e contatto di errore senza potenziale).
Semplice programmazione e utilizzo mediante 5 tasti standard (tasto a rilascio NO).
Possibilità di più punti di comando tramite collegamento in parallelo dei tasti.
La programmazione e la memorizzazione degli scenari sono bloccabili.

Digital lighting control system with DALI interface.
Up to 64 DALI ECGs can be controlled.
4 freely programmable scenes, lockable scenes, 1 scene can be controlled according to available daylight.
4 freely programmable groups, of which three can be controlled according to available daylight.
Motion detection with user-definable delay (1 to 30 minutes).
Notification of lamp faults and control line breaks via LEDs and floating make contact.
Simple programming and operation using five standard swiches with make contacts.
The switches can be connected in parallel so the system can be controlled from different locations.
Programming and scene storage are lockable.



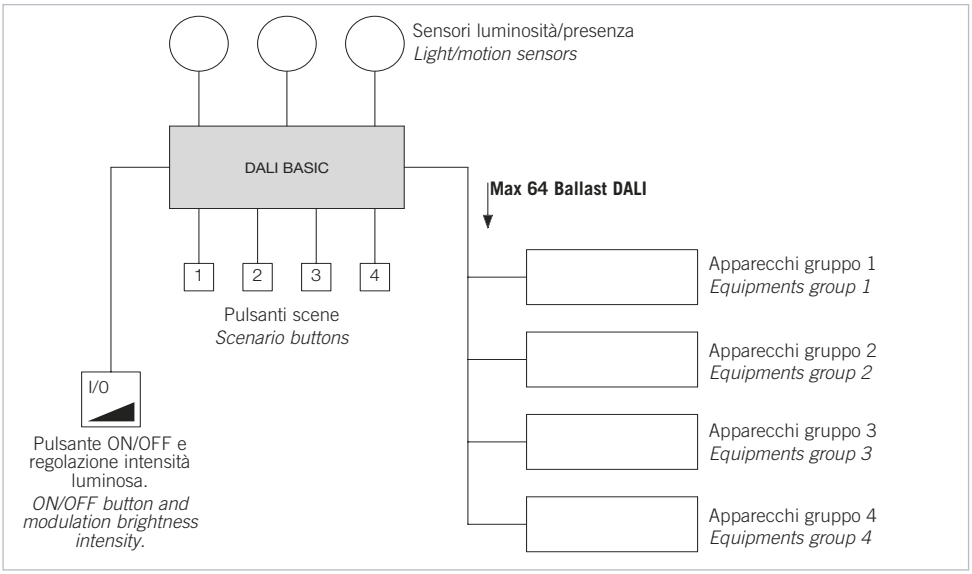
Code		Kg
A9802		0,07

Sensore DALI di presenza e luminosità per la regolazione della luce artificale in funzione di quella naturale. Installazione a soffitto.
DALI light and motion sensor for surface mounting on ceilings. Sensor for daylight-dependent control with automatic shutdown in adeguate daylight.



Code		Kg
A9801		0,55

Unità di controllo DALI BASIC.
DALI BASIC controller.



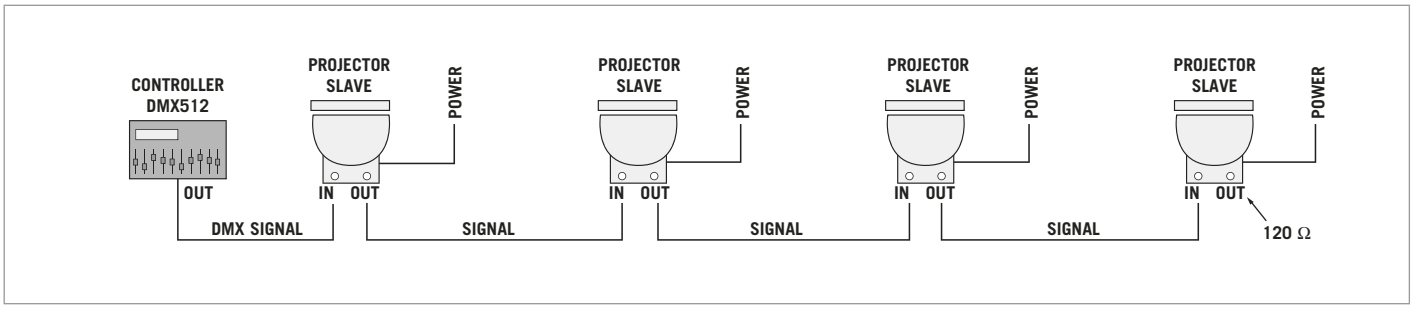
DMX512-A

Il protocollo digitale DMX512-A nasce nell'ambito teatrale per la gestione di punti luci (per esempio sagomatori di luce a testa mobile) e macchine di scena (per esempio generatori di nebbia). Attualmente, lo standard DMX512-A è ufficialmente nominato USITT DMX512-A ed è mantenuto dall'associazione inglese PLASA.

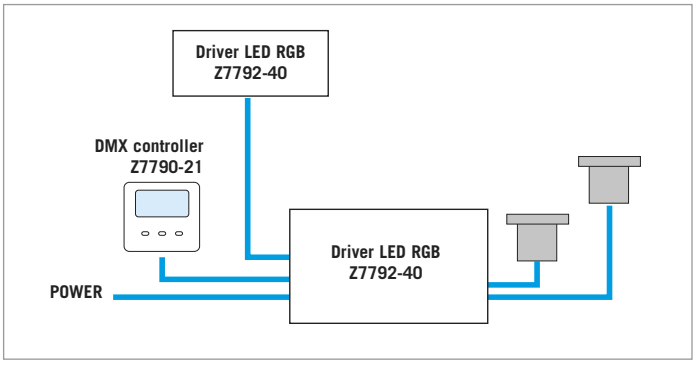
La comunicazione dei dati è basata su un classico standard di trasmissione (RS485) che a fronte di un'elevata velocità ed integrità di trasmissione impone l'uso di cavi speciali e di una topologia unica. Un sistema DMX512-A si presenta quindi con una centralina di controllo a cui sono collegati in serie tutti gli apparecchi. E' importante notare come l'ultimo apparecchio debba chiudere la linea tramite un'apposita resistenza elettrica al fine di evitare un deterioramento del segnale.

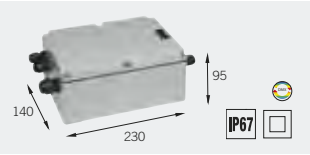
DMX512-A is a digital protocol that was born in theatres for the management of light fittings (for example, moving-head lights) and scenery machines (for example, fog generators). Currently, the standard DMX512-A is officially named USITT DMX512-A and is managed by the English association PLASA.

Data communication is based on a classic transmission standard (RS485) that allows high speed and integrity of transmission but requires the use of special cables and a unique topology. A DMX512-A system is thus characterized by a control unit to which a series of devices are connected. It is important to note how the last device must terminate the line with a specific electrical resistor in order to avoid signal corruption.



In alternativa se l'apparecchio è sprovvisto di driver la configurazione sarà la seguente:
Alternatively, if the unit does not have a driver, the configuration will be as follows:





Code		mA	WATT	DMX	Kg
Z7791-40	DMX	350	3x6	●	1,00

Code		Volt	WATT	DMX	Kg
Z7792-40	DMX	24	3x46	●	1,50

Driver LED **RGB**

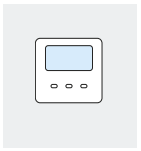
Un'ulteriore evoluzione del protocollo DMX512-A permette di sfruttare le infrastrutture IT ormai comuni per poter controllare gli apparecchi o le installazioni da postazioni remote o da terminali mobili quali smartphone o tablet. Questo sistema di codifica dei messaggi DMX512-A su rete internet è denominato ART-NET.

Al fine di soddisfare le diverse esigenze dei propri clienti Arcluce propone due soluzioni di controllo per un'installazione DMX512-A: la prima basata su una semplice centralina DMX e la seconda su una centralina ART-NET capace quindi d'integrarsi in una rete locale e con la possibilità di essere controllata da remoto.

An evolution of DMX512-A allows the use of shared IT infrastructures in order to control the appliances or the installations from remote locations or mobile devices such as smartphones or tablet. This system of encoding DMX512-A messages on Internet is called ART-NET.

In order to meet the different needs of its customers, Arcluce proposes two solutions for the control of a DMX512-A installation: the first is based on a simple DMX controller and the second is based on a ART-NET controller , therefore able to be integrated within a local network and with the possibility of being remotely controlled.

SISTEMA 1 > *SYSTEM 1*



Code		Kg
Z7790-21	●	0,75

DMX Controller

La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).

The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).

SISTEMA 2 > *SYSTEM 2*



Code		Kg
Z7790-23	on request	0,50

DMX Controller

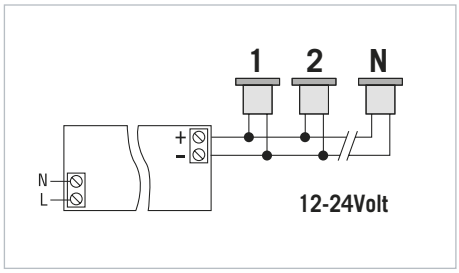
La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.

The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.

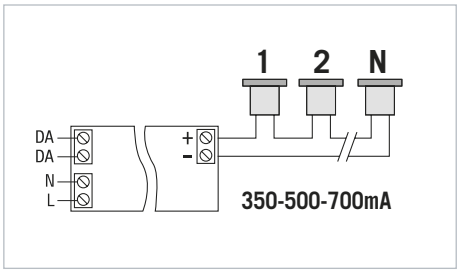
SPECIFICHE DI INSTALLAZIONE DEI DRIVER > *SPECIFICATIONS OF DRIVER INSTALLATION*

Cablaggio del driver Driver wiring									
		Driver a tensione costante (70W - 24V) *Constant voltage driver (70W - 24V)*				**Driver a tensione costante** (150W - 24V) *Constant voltage driver (150W - 24V)*			
CEI	Distanza - *Distance*	5 m	10 m	20 m	30 m	5 m	10 m	20 m	30 m
	Sezione cavo - *Cable cross-section*	0,75 mm^2	1,0 mm^2	1,5 mm^2	2,5 mm^2	1,5 mm^2	2,5 mm^2	4,0 mm^2	4,0 mm^2
		Driver a corrente costante (350mA - 500mA) *Constant current driver (350mA - 500mA)*				**Driver a corrente costante** (700mA) *Constant current driver (700mA)*			
CEI	Distanza - *Distance*	5 m	10 m	20 m	50 m	5 m	10 m	20 m	50 m
	Sezione cavo - *Cable cross-section*	0,25 mm^2	0,5 mm^2	1,0 mm^2	1,5 mm^2	0,5 mm^2	0,5 mm^2	1,0 mm^2	2,5 mm^2
		Driver dimmerabile a tensione costante (120W - 24V) *Constant voltage dimmable driver (120W - 24 V)*							
DALI DIMM	Distanza - *Distance*	5 m	10 m						
	Sezione cavo - *Cable cross-section*	0,5 mm^2	1,5 mm^2						
		Driver dimmerabile (350mA - 500mA) *Dimmable driver (350mA - 500mA)*				**Driver dimmerabile** (700mA) Dimmable driver (700mA)			
DALI DIMM	Distanza - *Distance*	5 m	10 m	15 m		5 m	10 m	15 m	
	Sezione cavo - *Cable cross-section*	0,25 mm^2	0,5 mm^2	1,0 mm^2		0,5 mm^2	1,0 mm^2	1,5 mm^2	
		Driver a tensione costante RGB (3x46W - 24V) *Constant voltage driver RGB (3x46W - 24V)*				**Driver a corrente costante RGB** (3x6W - 350mA) *Constant current driver RGB (3x6W - 350mA)*			
RGB	Distanza - *Distance*	5 m	10 m	15 m		5 m	10 m	15 m	
	Sezione cavo - *Cable cross-section*	1,5 mm^2	2,5 mm^2	4,0 mm^2		0,5 mm^2	1,0 mm^2	1,0 mm^2	

DRIVER A TENSIONE COSTANTE - CEI (collegamento in parallelo)
CONSTANT VOLTAGE DRIVER - CEI (parallel connection)



DRIVER A CORRENTE COSTANTE - CEI (collegamento in serie)
CONSTANT CURRENT DRIVER - CEI (series connection)



SISTEMI MODULARI
MODULAR SYSTEMS



18
RIGO30
28
RIGO-IN30
LINEA CONTINUA
CONTINUOUS LINE



32
RIGO30
A PARETE
WALL MOUNTING



35
RIGO50
46
RIGO-IN50
LINEA CONTINUA
CONTINUOUS LINE



50
RIGO50
BIANCO DINAMICO
TUNABLE WHITE



52
RIGO50
A PARETE
WALL MOUNTING



55
RIGO-IN GCO50
MODULO SINGOLO
SINGLE MODULE



57
RIGO GCO50
61
RIGO-IN GCO50
LINEA CONTINUA
CONTINUOUS LINE



63
RIGO GCO50
A PARETE
WALL MOUNTING



65
RIGO GCO50
A PARETE ORIENTABILE
ADJUSTABLE WALL MOUNTING



66
RIGO50
BINARIO ELETTRIFICATO
ELECTRIFIED TRACK



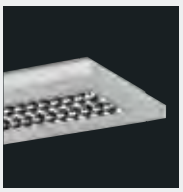
69
RIGO GCO50
SPOT



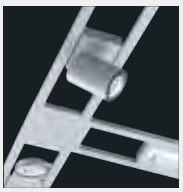
70
MILES



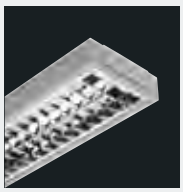
72
MILES
LINEA CONTINUA
CONTINUOUS LINE



74
LAMBDA



78
CREA



87
BETAT5



RIGO30

LINEA CONTINUA
CONTINUOS LINE

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofusa.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Lenti LED in PMMA.
Doppio schermo: in policarbonato microprismatizzato trasparente o opale e in PMMA opale.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 118lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso, a sospensione o a plafone. Driver LED incluso.
Passacavo per entrata singola dei cavi d'alimentazione.
Fissaggio tramite staffe in acciaio zincato.
Sospensione con cavo in acciaio 1,5m.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI DA ORDINARE SEPARATAMENTE.

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
PMMA lenses for LEDs.
Double screen: clear or opal microprismatic polycarbonate and opal PMMA.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 118lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed, suspended or ceiling installation.
LED driver included.
Grommet for single cable entry.
Galvanized steel brackets.
Steel cable 1.5m for suspension.

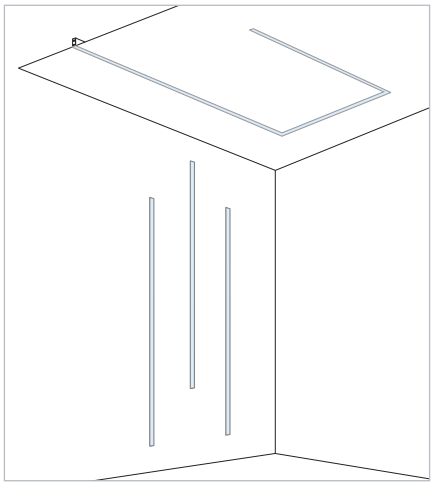
These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

END CAPS TO BE ORDERED SEPARATELY.

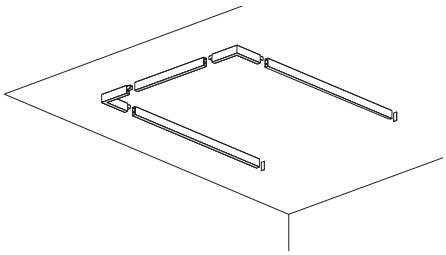
Accessori, vedi pag. 23-27
Accessories, see page 23-27.

FAST INSTALLATION

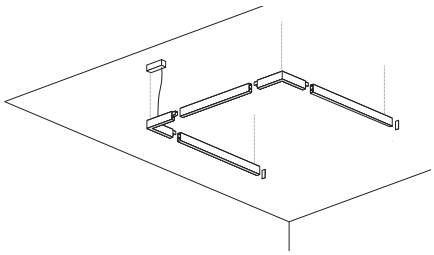
INSTALLAZIONE A INCASSO TRIMLESS
TRIMLESS INSTALLATION



INSTALLAZIONE A PLAFONE
CEILING INSTALLATION



INSTALLAZIONE A SOSPENSIONE
SUSPENDED INSTALLATION





SCHERMO MICROPRISMATIZZATO SPORGENTE
BULGING CLEAR PRISMATIC SCREEN



SCHERMO MICROPRISMATIZZATO A FILO
FLUSH CLEAR PRISMATIC SCREEN



SCHERMO OPALE A FILO
FLUSH OPAL SCREEN



LENTE WALLWASHER
WALLWASHER LENS



OTTICA GC NERA
BLACK GC OPTIC

moduli apparecchio
modular light fittings



giunto angolare
elbow joint



giunto angolare soffitto-parete
elbow joint ceiling-wall







APPLICATION

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 23).
SUSPENDED INSTALLATION: accessories needed (see page 23).



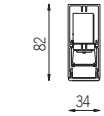
Con schermo trasparente microprismatizzato sporgente.
With transparent microprismatic relief diffuser.

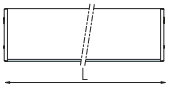
luce diretta > *direct light*

11 ○ 12 ● 21 ● 31 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3100-XX	13W LED	●	●			⏚	1550	820	●	3000	80	563	1,50
A3100-31	13W LED	●	●			⏚	1550	820	●	3000	80	563	1,50
A3101-XX	13W LED	●	●			⏚	1600	850	●	4000	80	563	1,50
A3101-31	13W LED	●	●			⏚	1600	850	●	4000	80	563	1,50
A3103-XX	19W LED	●	●			⏚	2300	1200	●	3000	80	843	1,90
A3103-31	19W LED	●	●			⏚	2300	1200	●	3000	80	843	1,90
A3104-XX	19W LED	●	●			⏚	2400	1250	●	4000	80	843	1,90
A3104-31	19W LED	●	●			⏚	2400	1250	●	4000	80	843	1,90
A3106-XX	25W LED	●	●	●	●	⏚	3100	1650	●	3000	80	1123	2,30
A3106-31	25W LED	●	●	●	●	⏚	3100	1650	●	3000	80	1123	2,30
A3107-XX	25W LED	●	●	●	●	⏚	3200	1700	●	4000	80	1123	2,30
A3107-31	25W LED	●	●	●	●	⏚	3200	1700	●	4000	80	1123	2,30
A3109-XX	32W LED	●	●	●	●	⏚	3850	2050	●	3000	80	1403	2,70
A3109-31	32W LED	●	●	●	●	⏚	3850	2050	●	3000	80	1403	2,70
A3110-XX	32W LED	●	●	●	●	⏚	4000	2100	●	4000	80	1403	2,70
A3110-31	32W LED	●	●	●	●	⏚	4000	2100	●	4000	80	1403	2,70
										11 ○	12 ●	21 ●	
A3300-XX	48W LED	●	●	●	●	⏚	6150	3450	●	3000	80	2246	4,10
A3301-XX	48W LED	●	●	●	●	⏚	6400	3550	●	4000	80	2246	4,10
A3303-XX	60W LED	●	●	●	●	⏚	7700	4300	●	3000	80	2806	4,90
A3304-XX	60W LED	●	●	●	●	⏚	8000	4450	●	4000	80	2806	4,90





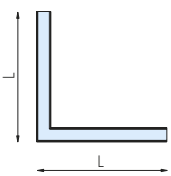




giunto angolare > *elbow joint*

11 ○ 12 ● 21 ●

A3257-XX	13W LED	●	●			⏚	1550	820	●	3000	80	309x309	1,50
A3258-XX	13W LED	●	●			⏚	1600	850	●	4000	80	309x309	1,50

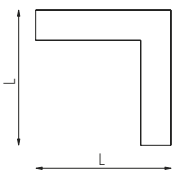




giunto angolare soffitto-parete > *elbow joint ceiling-wall*

11 ○ 12 ● 21 ●

A3269-XX	13W LED	●	●			⏚	1550	800	●	3000	80	349x349	1,70
A3270-XX	13W LED	●	●			⏚	1600	820	●	4000	80	349x349	1,70



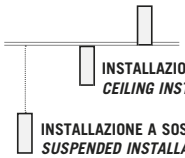
IP20

APPLICATION

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.



APPLICATION



INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 23).
TRIMLESS INSTALLATION: accessories needed (see page 23).

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 23).
SUSPENDED INSTALLATION: accessories needed (see page 23).

luce diretta > *direct light*

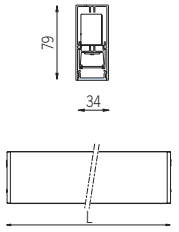
11 ○ 12 ● 21 ● 31 ●



Con schermo trasparente microprismatizzato a filo.
With transparent microprismatic flush diffuser.

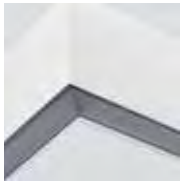
moduli apparecchio > *modular light fittings*

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
90°													
A3112-XX	**13W LED**	●	●			⏚	1550	770	●	3000	80	563	1,50
A3112-31	**13W LED**	●	●			⏚	1550	770	●	3000	80	563	1,50
A3113-XX	**13W LED**	●	●			⏚	1600	800	●	4000	80	563	1,50
A3113-31	**13W LED**	●	●			⏚	1600	800	●	4000	80	563	1,50
A3115-XX	**19W LED**	●	●			⏚	2300	1150	●	3000	80	843	1,90
A3115-31	**19W LED**	●	●			⏚	2300	1150	●	3000	80	843	1,90
A3116-XX	**19W LED**	●	●			⏚	2400	1200	●	4000	80	843	1,90
A3116-31	**19W LED**	●	●			⏚	2400	1200	●	4000	80	843	1,90
A3118-XX	**25W LED**	●	●	●	●	⏚	3100	1550	●	3000	80	1123	2,30
A3118-31	**25W LED**	●	●	●	●	⏚	3100	1550	●	3000	80	1123	2,30
A3119-XX	**25W LED**	●	●	●	●	⏚	3200	1600	●	4000	80	1123	2,30
A3119-31	**25W LED**	●	●	●	●	⏚	3200	1600	●	4000	80	1123	2,30
A3121-XX	**32W LED**	●	●	●	●	⏚	3850	1950	●	3000	80	1403	2,70
A3121-31	**32W LED**	●	●	●	●	⏚	3850	1950	●	3000	80	1403	2,70
A3122-XX	**32W LED**	●	●	●	●	⏚	4000	2000	●	4000	80	1403	2,70
A3122-31	**32W LED**	●	●	●	●	⏚	4000	2000	●	4000	80	1403	2,70
									11 ○	12 ●	21 ●		
A3306-XX	**48W LED**	●	●	●	●	⏚	6150	3450	●	3000	80	2246	4,10
A3307-XX	**48W LED**	●	●	●	●	⏚	6400	3550	●	4000	80	2246	4,10
A3309-XX	**60W LED**	●	●	●	●	⏚	7700	4300	●	3000	80	2806	4,90
A3310-XX	**60W LED**	●	●	●	●	⏚	8000	4450	●	4000	80	2806	4,90

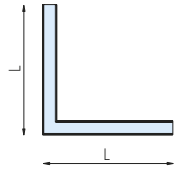


giunto angolare > *elbow joint*

11 ○ 12 ● 21 ●



90°													
A3260-XX	**13W LED**	●	●			⏚	1550	770	●	3000	80	309x309	1,50
A3261-XX	**13W LED**	●	●			⏚	1600	800	●	4000	80	309x309	1,50



giunto angolare soffitto-parete > *elbow joint ceiling-wall*

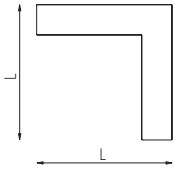
11 ○ 12 ● 21 ●



90°													
A3272-XX	**13W LED**	●	●			⏚	1540	750	●	3000	80	349x349	1,70
A3273-XX	**13W LED**	●	●			⏚	1600	770	●	4000	80	349x349	1,70

LED

IP20



APPLICATION

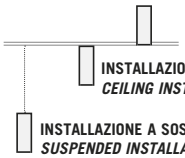


INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 23).
TRIMLESS INSTALLATION: accessories needed (see page 23).

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.



APPLICATION



INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 23).
TRIMLESS INSTALLATION: accessories needed (see page 23).

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 23).
SUSPENDED INSTALLATION: accessories needed (see page 23).



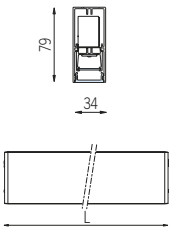
Con schermo opale a filo.
With opal flush diffuser.

luce diretta > *direct light*

11 ○ 12 ● 21 ● 31 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3124-XX	**13W LED**	●	●			⏚	1550	720	●	3000	80	563	1,50
A3124-31	**13W LED**	●	●			⏚	1550	720	●	3000	80	563	1,50
A3125-XX	**13W LED**	●	●			⏚	1600	750	●	4000	80	563	1,50
A3125-31	**13W LED**	●	●			⏚	1600	750	●	4000	80	563	1,50
A3127-XX	**19W LED**	●	●			⏚	2300	1100	●	3000	80	843	1,90
A3127-31	**19W LED**	●	●			⏚	2300	1100	●	3000	80	843	1,90
A3128-XX	**19W LED**	●	●			⏚	2400	1150	●	4000	80	843	1,90
A3128-31	**19W LED**	●	●			⏚	2400	1150	●	4000	80	843	1,90
A3130-XX	**25W LED**	●	●	●	●	⏚	3100	1450	●	3000	80	1123	2,30
A3130-31	**25W LED**	●	●	●	●	⏚	3100	1450	●	3000	80	1123	2,30
A3131-XX	**25W LED**	●	●	●	●	⏚	3200	1500	●	4000	80	1123	2,30
A3131-31	**25W LED**	●	●	●	●	⏚	3200	1500	●	4000	80	1123	2,30
A3133-XX	**32W LED**	●	●	●	●	⏚	3850	1800	●	3000	80	1403	2,70
A3133-31	**32W LED**	●	●	●	●	⏚	3850	1800	●	3000	80	1403	2,70
A3134-XX	**32W LED**	●	●	●	●	⏚	4000	1900	●	4000	80	1403	2,70
A3134-31	**32W LED**	●	●	●	●	⏚	4000	1900	●	4000	80	1403	2,70
										11 ○ 12 ● 21 ●			
A3312-XX	**48W LED**	●	●	●	●	⏚	6150	2850	●	3000	80	2246	4,10
A3313-XX	**48W LED**	●	●	●	●	⏚	6400	3000	●	4000	80	2246	4,10
A3315-XX	**60W LED**	●	●	●	●	⏚	7700	3600	●	3000	80	2806	4,90
A3316-XX	**60W LED**	●	●	●	●	⏚	8000	3750	●	4000	80	2806	4,90



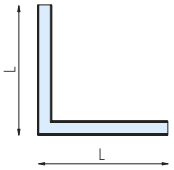


giunto angolare > *elbow joint*

11 ○ 12 ● 21 ●

A3263-XX	**13W LED**	●	●			⏚	1550	720	●	3000	80	309x309	1,50
A3264-XX	**13W LED**	●	●			⏚	1600	750	●	4000	80	309x309	1,50





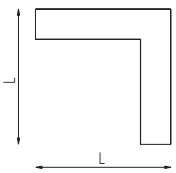
giunto angolare soffitto-parete > *elbow joint ceiling-wall*

11 ○ 12 ● 21 ●

A3275-XX	**13W LED**	●	●			⏚	1540	670	●	3000	80	349x349	1,70
A3276-XX	**13W LED**	●	●			⏚	1600	700	●	4000	80	349x349	1,70







APPLICATION

IP20



INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 23).
TRIMLESS INSTALLATION: accessories needed (see page 23).

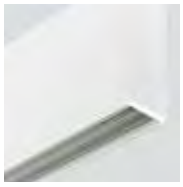
INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.

APPLICATION

INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 23).
***TRIMLESS INSTALLATION:** accessories needed (see page 23).*

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
***CEILING INSTALLATION:** without accessories.*

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 23).
***SUSPENDED INSTALLATION:** accessories needed (see page 23).*

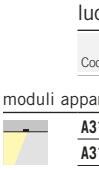


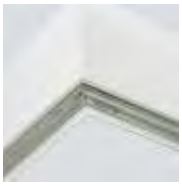
Con lente wallwasher.
With wallwasher lens.

luce diretta > *direct light*

11 ○ 12 ● 21 ● 31 ○

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3136-XX	**13W LED**	●	●			⏚	1550	1050	●	3000	80	563	1,50
A3136-31	**13W LED**	●	●			⏚	1550	1050	●	3000	80	563	1,50
A3137-XX	**13W LED**	●	●			⏚	1600	1100	●	4000	80	563	1,50
A3137-31	**13W LED**	●	●			⏚	1600	1100	●	4000	80	563	1,50
A3139-XX	**19W LED**	●	●			⏚	2300	1550	●	3000	80	843	1,90
A3139-31	**19W LED**	●	●			⏚	2300	1550	●	3000	80	843	1,90
A3140-XX	**19W LED**	●	●			⏚	2400	1600	●	4000	80	843	1,90
A3140-31	**19W LED**	●	●			⏚	2400	1600	●	4000	80	843	1,90
A3142-XX	**25W LED**	●	●	●	●	⏚	3100	2050	●	3000	80	1123	2,30
A3142-31	**25W LED**	●	●	●	●	⏚	3100	2050	●	3000	80	1123	2,30
A3143-XX	**25W LED**	●	●	●	●	⏚	3200	2150	●	4000	80	1123	2,30
A3143-31	**25W LED**	●	●	●	●	⏚	3200	2150	●	4000	80	1123	2,30
A3145-XX	**32W LED**	●	●	●	●	⏚	3850	2600	●	3000	80	1403	2,70
A3145-31	**32W LED**	●	●	●	●	⏚	3850	2600	●	3000	80	1403	2,70
A3146-XX	**32W LED**	●	●	●	●	⏚	4000	2700	●	4000	80	1403	2,70
A3146-31	**32W LED**	●	●	●	●	⏚	4000	2700	●	4000	80	1403	2,70
									11 ○	12 ●	21 ●		
A3318-XX	**48W LED**	●	●	●	●	⏚	6150	4150	●	3000	80	2246	4,20
A3319-XX	**48W LED**	●	●	●	●	⏚	6400	4300	●	4000	80	2246	4,20
A3321-XX	**60W LED**	●	●	●	●	⏚	7700	5200	●	3000	80	2806	5,10
A3322-XX	**60W LED**	●	●	●	●	⏚	8000	5400	●	4000	80	2806	5,10





Imax = 9°

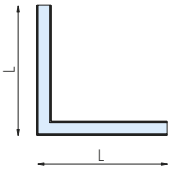
giunto angolare > *elbow joint*

11 ○ 12 ● 21 ●

A3266-XX	**13W LED**	●	●			⏚	1550	1050	●	3000	80	309x309	1,50
A3267-XX	**13W LED**	●	●			⏚	1600	1100	●	4000	80	309x309	1,50

LED

IP20



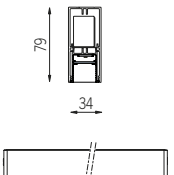


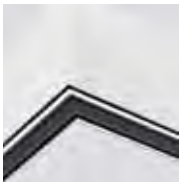
Ottica GC nera.
Black GC optic.

luce diretta > *direct light*

11 ○ 12 ● 21 ● 31 ○

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3200-XX	**13W LED**	●	●			⏚	1550	480	●	3000	80	563	1,50
A3200-31	**13W LED**	●	●			⏚	1550	480	●	3000	80	563	1,50
A3201-XX	**13W LED**	●	●			⏚	1600	500	●	4000	80	563	1,50
A3201-31	**13W LED**	●	●			⏚	1600	500	●	4000	80	563	1,50
A3203-XX	**19W LED**	●	●			⏚	2300	720	●	3000	80	843	1,90
A3203-31	**19W LED**	●	●			⏚	2300	720	●	3000	80	843	1,90
A3204-XX	**19W LED**	●	●			⏚	2400	750	●	4000	80	843	1,90
A3204-31	**19W LED**	●	●			⏚	2400	750	●	4000	80	843	1,90
A3206-XX	**25W LED**	●	●	●	●	⏚	3100	960	●	3000	80	1123	2,30
A3206-31	**25W LED**	●	●	●	●	⏚	3100	960	●	3000	80	1123	2,30
A3207-XX	**25W LED**	●	●	●	●	⏚	3200	1000	●	4000	80	1123	2,30
A3207-31	**25W LED**	●	●	●	●	⏚	3200	1000	●	4000	80	1123	2,30
A3209-XX	**32W LED**	●	●	●	●	⏚	3850	1200	●	3000	80	1403	2,70
A3209-31	**32W LED**	●	●	●	●	⏚	3850	1200	●	3000	80	1403	2,70
A3210-XX	**32W LED**	●	●	●	●	⏚	4000	1250	●	4000	80	1403	2,70
A3210-31	**32W LED**	●	●	●	●	⏚	4000	1250	●	4000	80	1403	2,70
									11 ○	12 ●	21 ●		
A3324-XX	**48W LED**	●	●	●	●	⏚	6150	1900	●	3000	80	2246	4,00
A3325-XX	**48W LED**	●	●	●	●	⏚	6400	2000	●	4000	80	2246	4,00
A3327-XX	**60W LED**	●	●	●	●	⏚	7700	2400	●	3000	80	2806	4,80
A3328-XX	**60W LED**	●	●	●	●	⏚	8000	2500	●	4000	80	2806	4,80





111°x55°

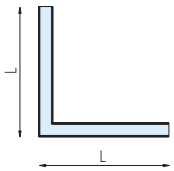
giunto angolare > *elbow joint*

11 ○ 12 ● 21 ●

A3224-XX	**13W LED**	●	●			⏚	1550	480	●	3000	80	309x309	1,50
A3225-XX	**13W LED**	●	●			⏚	1600	500	●	4000	80	309x309	1,50

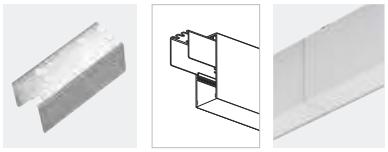
LED

IP20



accessori luce diretta > *direct light accessories*





Code		Kg
A3295		0,06

Giunto lineare a scomparsa in acciaio zincato.
Galvanized steel hidden linear joint.



11 ○
12 ●

Per versioni dali-emergenza usare un rosone codice A3292 e un rosone codice A3296.
Use cable cup code A3292 and A3296 for dali-emergency versions.

Code		Wiring	Kg
A3292	3x0,75 mmq	**CEI**	0,34
A3296	5x0,75 mmq	**DALI, CEI-EM**	0,34
A3292 + A3296	3+5x0,75mmq	**DALI-EM**	0,68

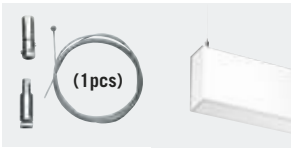
Sospensione elettrificata con rosone in tecnopolimero e fune d'acciaio 1,5m.
Electrical suspension with engineering plastic cable cup and steel cable (1.5m).



11 ○
12 ●

Code		Kg
A3399	**21,00**	0,34

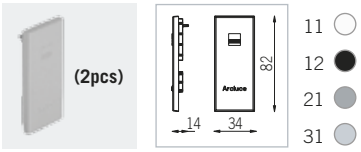
Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m).
Engineering plastic suspension with steel cable (1.5m).



Code		Kg
A1899		0,10

11 ○
12 ●

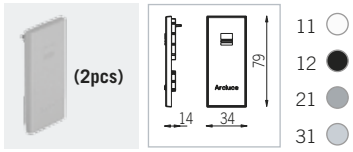
Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica per versione a luce diretta.
Suspension with steel cable (1.5m) with millimetric adjustment wiring for direct light version.



Code		Kg
A3256-XX		0,12
A3256-31		0,12

11 ○
12 ●
21 ●
31 ●

Testata finale in zama pressofusa per versioni a luce diretta **con schermo sporgente**.
Die-cast zamak end cap for direct light version ***with relief screen***.

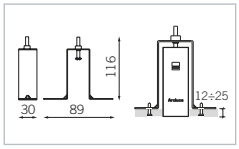


Code		Kg
A3297-XX		0,10
A3297-31		0,10

11 ○
12 ●
21 ●
31 ●

Testata finale in zama pressofusa per versioni luce diretta **con schermo a filo, wallwasher o GCO**.
Die-cast zamak end cap for direct light version ***with flush screen, wallwasher or GCO***.



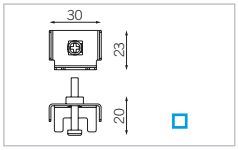


Code		Kg
I5099		0,14

PER VERSIONE TRIMLESS
FOR TRIMLESS VERSION

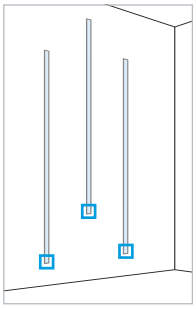
Staffa di fissaggio in acciaio zincato con viti per incasso in controsoffitti di cartongesso.
Richiede stuccatura.
Mounting bracket in galvanized steel with screws for installation in plasterboard ceilings.
It requires plastering over.



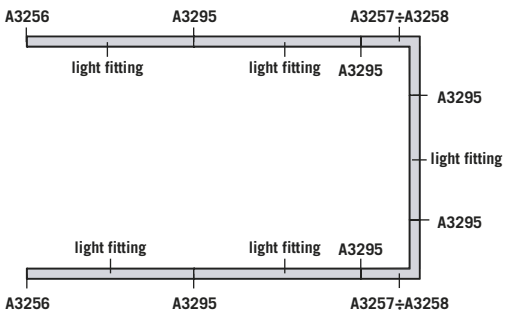


Code		Kg
I5097		0,02

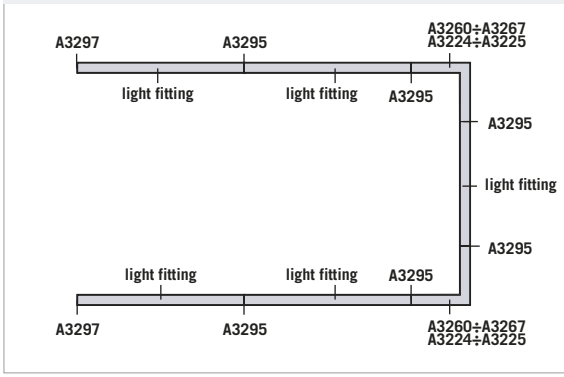
Staffa anti-slittamento in acciaio zincato per montaggio verticale.
Anti-slip bracket made of galvanized steel for vertical mounting.



VERSIONE CON SCHERMO SPORGENTE
RELIEF SCREEN VERSION



VERSIONI CON SCHERMO A FILO, WALLWASHER, GCO
FLUSH SCREEN, WALLWASHER, OR GCO VERSIONS



APPLICATION

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 27).
SUSPENDED INSTALLATION: *accessories needed (see page 27.*



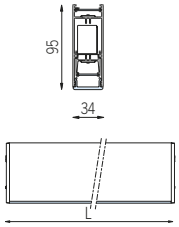
UGR<19

Con schermo trasparente microprismatizzato sporgente.
With transparent microprismatic relief diffuser.

luce diretta/indiretta > *direct/indirect light*

11 ○ 12 ● 21 ● 31 ○

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3148-XX	**13+10W LED**	●	●			⏚	1540+1150	820+710	●	3000	80	563	1,60
A3148-31	**13+10W LED**	●	●			⏚	1540+1150	820+710	●	3000	80	563	1,60
A3149-XX	**13+10W LED**	●	●			⏚	1600+1200	850+740	●	4000	80	563	1,60
A3149-31	**13+10W LED**	●	●			⏚	1600+1200	850+740	●	4000	80	563	1,60
A3151-XX	**19+16W LED**	●	●			⏚	2310+1900	1220+1150	●	3000	80	843	2,10
A3151-31	**19+16W LED**	●	●			⏚	2310+1900	1220+1150	●	3000	80	843	2,10
A3152-XX	**19+16W LED**	●	●			⏚	2400+2000	1270+1200	●	4000	80	843	2,10
A3152-31	**19+16W LED**	●	●			⏚	2400+2000	1270+1200	●	4000	80	843	2,10
A3154-XX	**25+22W LED**	●	●	●	●	⏚	3080+2700	1650+1650	●	3000	80	1123	2,60
A3154-31	**25+22W LED**	●	●	●	●	⏚	3080+2700	1650+1650	●	3000	80	1123	2,60
A3155-XX	**25+22W LED**	●	●	●	●	⏚	3200+2800	1700+1700	●	4000	80	1123	2,60
A3155-31	**25+22W LED**	●	●	●	●	⏚	3200+2800	1700+1700	●	4000	80	1123	2,60
A3157-XX	**32+29W LED**	●	●	●	●	⏚	3850+3400	2040+2100	●	3000	80	1403	3,10
A3157-31	**32+29W LED**	●	●	●	●	⏚	3850+3400	2040+2100	●	3000	80	1403	3,10
A3158-XX	**32+29W LED**	●	●	●	●	⏚	4000+3600	2120+2200	●	4000	80	1403	3,10
A3158-31	**32+29W LED**	●	●	●	●	⏚	4000+3600	2120+2200	●	4000	80	1403	3,10
									11 ○	12 ●	21 ●		
A3330-XX	**48+45W LED**	●	●	●	●	⏚	6150+5750	3450+3200	●	3000	80	2246	4,60
A3331-XX	**48+45W LED**	●	●	●	●	⏚	6400+6000	3550+3350	●	4000	80	2246	4,60
A3333-XX	**60+57W LED**	●	●	●	●	⏚	7700+7300	4300+4050	●	3000	80	2806	5,20
A3334-XX	**60+57W LED**	●	●	●	●	⏚	8000+7600	4450+4250	●	4000	80	2806	5,20





giunto angolare > *elbow joint*

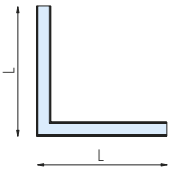
11 ○ 12 ● 21 ● 31 ○

A3281-XX	**13+13W LED**	●	●			⏚	1550+1550	820+950	●	3000	80	309x309	1,60
A3282-XX	**13+13W LED**	●	●			⏚	1600+1600	850+1000	●	4000	80	309x309	1,60

90°x62°

LED

IP20





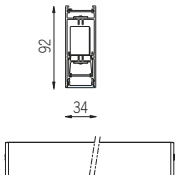
UGR<19

Con schermo trasparente microprismatizzato a filo.
With transparent microprismatic flush diffuser.

luce diretta/indiretta > *direct/indirect light*

11 ○ 12 ● 21 ● 31 ○

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3160-XX	**13+10W LED**	●	●			⏚	1550+1550	770+710	●	3000	80	563	1,60
A3160-31	**13+10W LED**	●	●			⏚	1550+1550	770+710	●	3000	80	563	1,60
A3161-XX	**13+10W LED**	●	●			⏚	1600+1200	830+740	●	4000	80	563	1,60
A3161-31	**13+10W LED**	●	●			⏚	1600+1200	830+740	●	4000	80	563	1,60
A3163-XX	**19+16W LED**	●	●			⏚	2300+1900	1150+1150	●	3000	80	843	2,10
A3163-31	**19+16W LED**	●	●			⏚	2300+1900	1150+1150	●	3000	80	843	2,10
A3164-XX	**19+16W LED**	●	●			⏚	2400+2000	1200+1200	●	4000	80	843	2,10
A3164-31	**19+16W LED**	●	●			⏚	2400+2000	1200+1200	●	4000	80	843	2,10
A3166-XX	**25+22W LED**	●	●	●	●	⏚	3100+2700	1550+1650	●	3000	80	1123	2,60
A3166-31	**25+22W LED**	●	●	●	●	⏚	3100+2700	1550+1650	●	3000	80	1123	2,60
A3167-XX	**25+22W LED**	●	●	●	●	⏚	3200+2800	1600+1700	●	4000	80	1123	2,60
A3167-31	**25+22W LED**	●	●	●	●	⏚	3200+2800	1600+1700	●	4000	80	1123	2,60
A3169-XX	**32+29W LED**	●	●	●	●	⏚	3850+3400	1950+2100	●	3000	80	1403	3,10
A3169-31	**32+29W LED**	●	●	●	●	⏚	3850+3400	1950+2100	●	3000	80	1403	3,10
A3170-XX	**32+29W LED**	●	●	●	●	⏚	4000+3600	2000+2200	●	4000	80	1403	3,10
A3170-31	**32+29W LED**	●	●	●	●	⏚	4000+3600	2000+2200	●	4000	80	1403	3,10
									11 ○	12 ●	21 ●		
A3336-XX	**48+45W LED**	●	●	●	●	⏚	6150+5750	3550+3200	●	3000	80	2246	4,60
A3337-XX	**48+45W LED**	●	●	●	●	⏚	6400+6000	3550+3350	●	4000	80	2246	4,60
A3339-XX	**60+57W LED**	●	●	●	●	⏚	7700+7300	4300+4050	●	3000	80	2806	5,20
A3340-XX	**60+57W LED**	●	●	●	●	⏚	8000+7600	4450+4250	●	4000	80	2806	5,20





giunto angolare > *elbow joint*

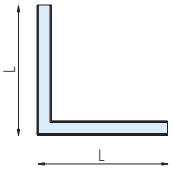
11 ○ 12 ● 21 ● 31 ○

A3284-XX	**13+13W LED**	●	●			⏚	1550+1550	770+950	●	3000	80	309x309	1,60
A3285-XX	**13+13W LED**	●	●			⏚	1600+1600	800+1000	●	4000	80	309x309	1,60

90°

LED

IP20



APPLICATION

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 27).
SUSPENDED INSTALLATION: accessories needed (see page 27.

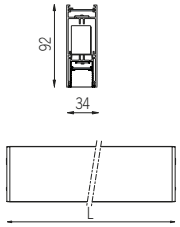


Con schermo opale a filo.
With opal flush diffuser.

luce diretta/indiretta > *direct/indirect light*

11 ○ 12 ● 21 ● 31 ○

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3172-XX	**13+10W LED**	●	●			⏚	1550+1150	720+710	●	3000	80	563	1,60
A3172-31	**13+10W LED**	●	●			⏚	1550+1150	720+710	●	3000	80	563	1,60
A3173-XX	**13+10W LED**	●	●			⏚	1600+1200	750+740	●	4000	80	563	1,60
A3173-31	**13+10W LED**	●	●			⏚	1600+1200	750+740	●	4000	80	563	1,60
A3175-XX	**19+16W LED**	●	●			⏚	2300+1900	1200+1150	●	3000	80	843	2,10
A3175-31	**19+16W LED**	●	●			⏚	2300+1900	1200+1150	●	3000	80	843	2,10
A3176-XX	**19+16W LED**	●	●			⏚	2400+2000	1250+1200	●	4000	80	843	2,10
A3176-31	**19+16W LED**	●	●			⏚	2400+2000	1250+1200	●	4000	80	843	2,10
A3178-XX	**25+22W LED**	●	●	●	●	⏚	3100+2700	1600+1650	●	3000	80	1123	2,60
A3178-31	**25+22W LED**	●	●	●	●	⏚	3100+2700	1600+1650	●	3000	80	1123	2,60
A3179-XX	**25+22W LED**	●	●	●	●	⏚	3200+3200	1650+1700	●	4000	80	1123	2,60
A3179-31	**25+22W LED**	●	●	●	●	⏚	3200+3200	1650+1700	●	4000	80	1123	2,60
A3181-XX	**32+29W LED**	●	●	●	●	⏚	3850+3400	2000+2100	●	3000	80	1403	3,10
A3181-31	**32+29W LED**	●	●	●	●	⏚	3850+3400	2000+2100	●	3000	80	1403	3,10
A3182-XX	**32+29W LED**	●	●	●	●	⏚	4000+3600	2050+2200	●	4000	80	1403	3,10
A3182-31	**32+29W LED**	●	●	●	●	⏚	4000+3600	2050+2200	●	4000	80	1403	3,10
										11 ○	12 ●	21 ●	
A3342-XX	**48+45W LED**	●	●	●	●	⏚	6150+5750	2850+2700	●	3000	80	2246	4,60
A3343-XX	**48+45W LED**	●	●	●	●	⏚	6400+6000	3000+2800	●	4000	80	2246	4,60
A3345-XX	**60+57W LED**	●	●	●	●	⏚	7700+7300	3600+3400	●	3000	80	2806	5,20
A3346-XX	**60+57W LED**	●	●	●	●	⏚	8000+7600	3750+3550	●	4000	80	2806	5,20



giunto angolare > *elbow joint* — 11 ○ 12 ● 21 ●

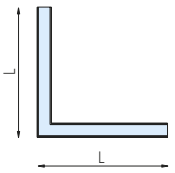
A3287-XX	**13+13W LED**	●	●			⏚	1550+1550	720+950	●	3000	80	309x309	1,60
A3288-XX	**13+13W LED**	●	●			⏚	1600+1600	750+1000	●	4000	80	309x309	1,60

115°

LED

IP20

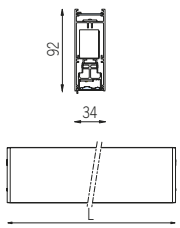




luce diretta/indiretta > *direct/indirect light*

11 ○ 12 ● 21 ● 31 ○

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3184-XX	**13+10W LED**	●	●			⏚	1550+1550	810+710	●	3000	80	563	1,60
A3184-31	**13+10W LED**	●	●			⏚	1550+1550	810+710	●	3000	80	563	1,60
A3185-XX	**13+10W LED**	●	●			⏚	1600+1200	750+740	●	4000	80	563	1,60
A3185-31	**13+10W LED**	●	●			⏚	1600+1200	750+740	●	4000	80	563	1,60
A3187-XX	**19+16W LED**	●	●			⏚	2300+1900	1200+1150	●	3000	80	843	2,10
A3187-31	**19+16W LED**	●	●			⏚	2300+1900	1200+1150	●	3000	80	843	2,10
A3188-XX	**19+16W LED**	●	●			⏚	2400+2000	1250+1200	●	4000	80	843	2,10
A3188-31	**19+16W LED**	●	●			⏚	2400+2000	1250+1200	●	4000	80	843	2,10
A3190-XX	**25+22W LED**	●	●	●	●	⏚	3100+2700	1600+1650	●	3000	80	1123	2,60
A3190-31	**25+22W LED**	●	●	●	●	⏚	3100+2700	1600+1650	●	3000	80	1123	2,60
A3191-XX	**25+22W LED**	●	●	●	●	⏚	3200+2800	1650+1700	●	4000	80	1123	2,60
A3191-31	**25+22W LED**	●	●	●	●	⏚	3200+2800	1650+1700	●	4000	80	1123	2,60
A3193-XX	**32+29W LED**	●	●	●	●	⏚	3850+3400	2000+2100	●	3000	80	1403	3,10
A3193-31	**32+29W LED**	●	●	●	●	⏚	3850+3400	2000+2100	●	3000	80	1403	3,10
A3194-XX	**32+29W LED**	●	●	●	●	⏚	4000+3600	2050+2200	●	4000	80	1403	3,10
A3194-31	**32+29W LED**	●	●	●	●	⏚	4000+3600	2050+2200	●	4000	80	1403	3,10
										11 ○	12 ●	21 ●	
A3348-XX	**48+45W LED**	●	●	●	●	⏚	6150+5750	4150+3900	●	3000	80	2246	4,80
A3349-XX	**48+45W LED**	●	●	●	●	⏚	6400+6000	4300+4050	●	4000	80	2246	4,80
A3351-XX	**60+57W LED**	●	●	●	●	⏚	7700+7300	5200+4900	●	3000	80	2806	5,80
A3352-XX	**60+57W LED**	●	●	●	●	⏚	8000+7600	5400+5150	●	4000	80	2806	5,80



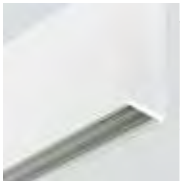
giunto angolare > *elbow joint* — 11 ○ 12 ● 21 ●

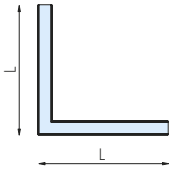
A3290-XX	**13+13W LED**	●	●			⏚	1550+1550	1050+1050	●	3000	80	309x309	1,60
A3291-XX	**13+13W LED**	●	●			⏚	1600+1600	1100+1100	●	4000	80	309x309	1,60

Imax = 9°

LED

IP20





APPLICATION

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 27).
SUSPENDED INSTALLATION: accessories needed (see page 27.



UGR<19

Ottica GC nera.
Black GC optic.

luce diretta/indiretta > *direct/indirect light*

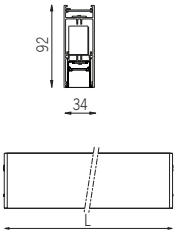
11 ○ 12 ● 21 ● 31 ●

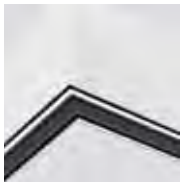
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3212-XX	**13+10W LED**	●	●			⏚	1550+1150	480+710	●	3000	80	563	1,60
A3212-31	**13+10W LED**	●	●			⏚	1550+1150	480+710	●	3000	80	563	1,60
A3213-XX	**13+10W LED**	●	●			⏚	1600+1200	500+740	●	4000	80	563	1,60
A3213-31	**13+10W LED**	●	●			⏚	1600+1200	500+740	●	4000	80	563	1,60
A3215-XX	**19+16W LED**	●	●			⏚	2300+1900	720+1150	●	3000	80	843	2,10
A3215-31	**19+16W LED**	●	●			⏚	2300+1900	720+1150	●	3000	80	843	2,10
A3216-XX	**19+16W LED**	●	●			⏚	2400+2000	750+1200	●	4000	80	843	2,10
A3216-31	**19+16W LED**	●	●			⏚	2400+2000	750+1200	●	4000	80	843	2,10
A3218-XX	**25+22W LED**	●	●	●	●	⏚	3100+2700	960+1650	●	3000	80	1123	2,60
A3218-31	**25+22W LED**	●	●	●	●	⏚	3100+2700	960+1650	●	3000	80	1123	2,60
A3219-XX	**25+22W LED**	●	●	●	●	⏚	3200+2800	1000+1700	●	4000	80	1123	2,60
A3219-31	**25+22W LED**	●	●	●	●	⏚	3200+2800	1000+1700	●	4000	80	1123	2,60
A3221-XX	**32+29W LED**	●	●	●	●	⏚	3850+3400	1200+2100	●	3000	80	1403	3,10
A3221-31	**32+29W LED**	●	●	●	●	⏚	3850+3400	1200+2100	●	3000	80	1403	3,10
A3222-XX	**32+29W LED**	●	●	●	●	⏚	4000+3600	1250+2200	●	4000	80	1403	3,10
A3222-31	**32+29W LED**	●	●	●	●	⏚	4000+3600	1250+2200	●	4000	80	1403	3,10
									11 ○	12 ●	21 ●		
A3354-XX	**48+45W LED**	●	●	●	●	⏚	6150+5750	1900+1800	●	3000	80	2246	4,50
A3355-XX	**48+45W LED**	●	●	●	●	⏚	6400+6000	2000+1900	●	4000	80	2246	4,50
A3357-XX	**60+57W LED**	●	●	●	●	⏚	7700+7300	2400+2300	●	3000	80	2806	5,40
A3358-XX	**60+57W LED**	●	●	●	●	⏚	8000+7600	2500+2400	●	4000	80	2806	5,40
giunto angolare > *elbow joint*									11 ○	12 ●	21 ●		
A3227-XX	**13+13W LED**	●	●			⏚	1550+1550	480+950	●	3000	80	305x305	1,60
A3228-XX	**13+13W LED**	●	●			⏚	1600+1600	500+1000	●	4000	80	305x305	1,60

111°x55°

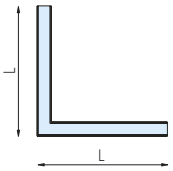
LED

IP20





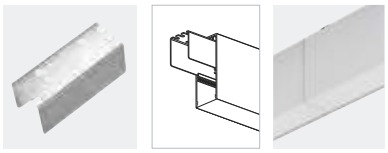
111°x55°





accessori luce diretta/indiretta > *direct/indirect light accessories*





Code		Kg
A3295		0,06

Giunto lineare a scomparsa in acciaio zincato.
Galvanized steel hidden linear joint.



11 ○
12 ●

Per versioni dali-emergenza usare un rosone codice A3292 e un rosone codice A3296.
Use cable cup code A3292 and A3296 for dali-emergency versions.

Code		Wiring	Kg
A3292	3x0,75 mmq	**CEI**	0,34
A3296	5x0,75 mmq	**DALI, CEI-EM**	0,34
A3292 + A3296	3+5x0,75mmq	**DALI-EM**	0,68

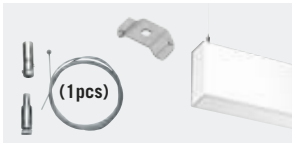
Sospensione elettrificata con rosone in tecnopolimero e fune d'acciaio 1,5m.
Electrical suspension with engineering plastic cable cup and steel cable (1.5m).

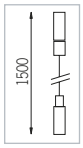


11 ○
12 ●

Code		Kg
A3399	**21,00**	0,34

Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m).
Engineering plastic suspension with steel cable (1.5m).





Code		Kg
A3299		0,12

Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica per versione a luce diretta/indiretta.
Suspension with steel cable (1.5m) with millimetric adjustment wiring for direct/indirectlight version.



11 ○
12 ●
21 ●
31 ●

Code		Kg
A3255-XX		0,11
A3255-31		0,11

Testata finale in zama pressofusa per sospensione luce diretta/indiretta **con schermo sporgente**.
Die-cast zamak end cap for direct/indirect light version ***with relief screen***.

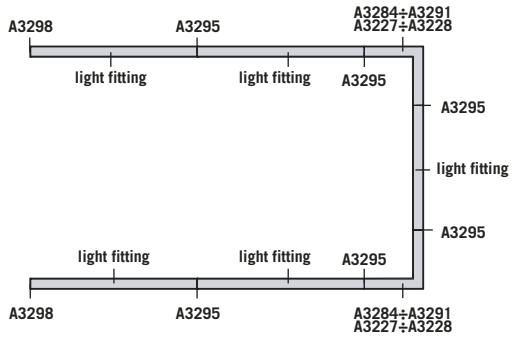


11 ○
12 ●
21 ●
31 ●

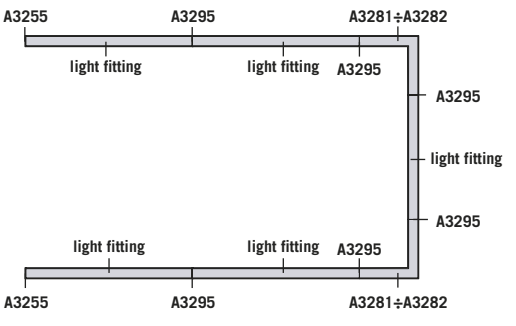
Code		Kg
A3298-XX		0,11
A3298-31		0,11

Testata finale in zama pressofusa per sospensione luce diretta/indiretta **con schermo a filo, wallwasher o ottica nera**.
Die-cast zamak end cap for direct/indirect light version ***with flush screen, wallwasher or dark optic***.

VERSIONI CON SCHERMO A FILO, WALLWASHER O OTTICA NERA
FLUSH SCREEN, WALLWASHER OR DARK OPTIC VERSIONS



VERSIONE CON SCHERMO SPORGENTE
RELIEF SCREEN VERSION







RIGO-IN30

LINEA CONTINUA
CONTINUOS LINE

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofusa.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Lenti LED in PMMA.
Doppio schermo: in policarbonato microprismatizzato trasparente o opale e in PMMA opale.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 118lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Driver LED incluso.
Passacavo per entrata singola dei cavi d'alimentazione.
Fissaggio tramite staffe in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI DA ORDINARE SEPARATAMENTE.

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
PMMA lenses for LEDs.
Double screen: clear or opal microprismatic polycarbonate and opal PMMA.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 118lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
LED driver included.
Grommet for single cable entry.
Galvanized steel brackets.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

END CAPS TO BE ORDERED SEPARATELY.

Accessori, vedi pag. 31.
Accessories, see page 31.

FAST INSTALLATION

La versione con cornice completa la gamma del sistema RIGO30 per offrire tutte le possibili soluzioni applicative. RIGO-IN30 è indicato esclusivamente da incasso, a **soffitto** e **parete**.
*The framed version completes RIGO30 range to cover all the possible application needs. RIGO-IN30 is suitable for recessed mount only, both for **ceiling** and **wall**.*



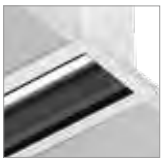
SCHERMO MICROPRISMATIZZATO A FILO
FLUSH CLEAR PRISMATIC SCREEN



SCHERMO OPALE A FILO
FLUSH OPAL SCREEN

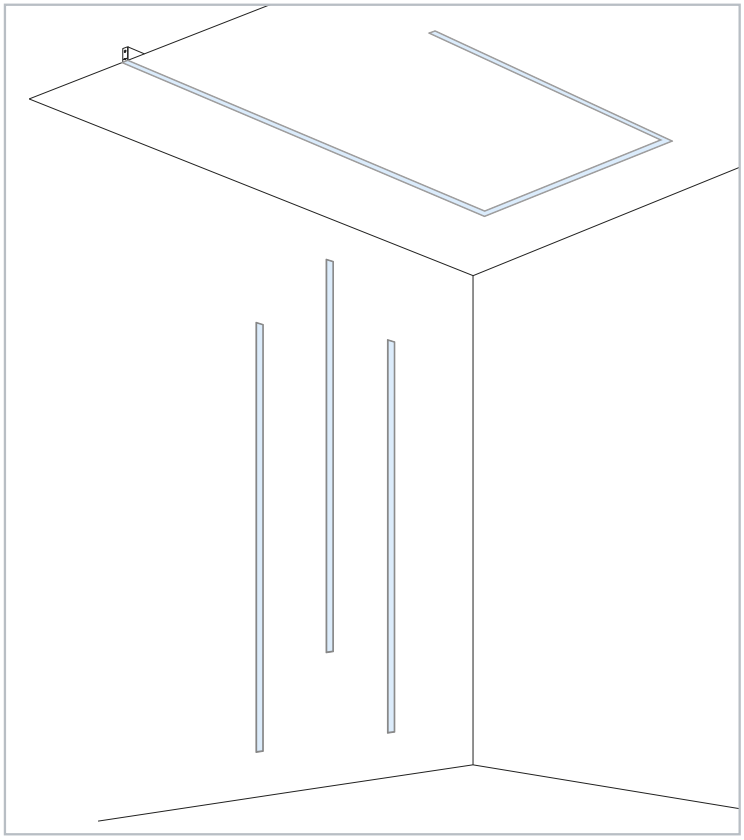


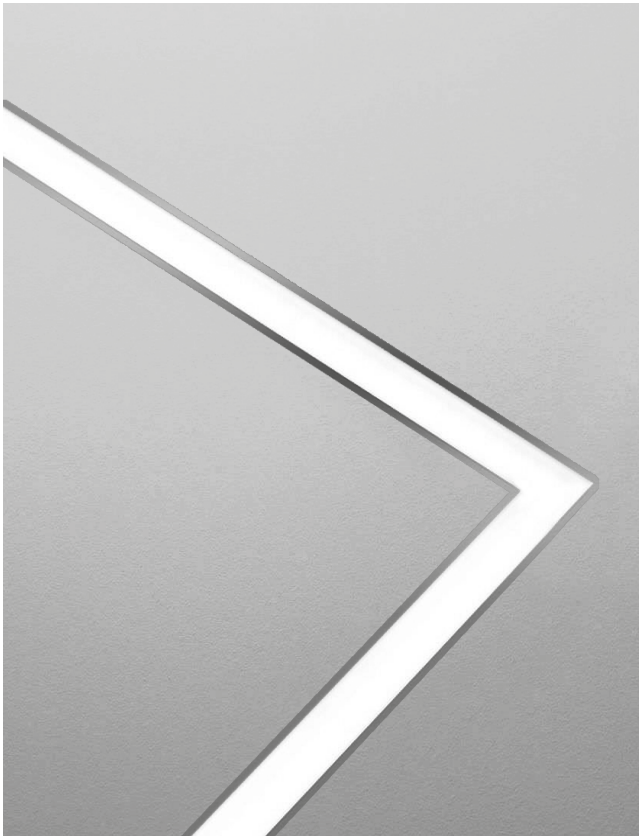
LENTE WALLWASHER
WALLWASHER LENS



OTTICA GC NERA
BLACK GC OPTIC

INSTALLAZIONE A INCASSO CON CORNICE
RECESSED MOUNTING TRIMMED





APPLICATION



INSTALLAZIONE DA INCASSO CON CORNICE: richiesto l'utilizzo di accessori (vedi pagina 31).
FRAMED RECESSED INSTALLATION: accessories needed (see page 31).

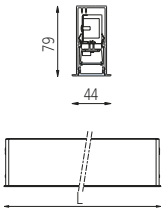


Con schermo trasparente microprismatizzato a filo.
With transparent microprismatic flush diffuser.

luce diretta incasso con cornice > *framed recessed direct light*

11 ○ 12 ● 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
I5000	13W LED	●	●			⏚	1550	770	●	3000	80	563	1,50
I5001	13W LED	●	●			⏚	1600	800	●	4000	80	563	1,50
I5003	19W LED	●	●			⏚	2300	1150	●	3000	80	843	1,90
I5004	19W LED	●	●			⏚	2400	1200	●	4000	80	843	1,90
I5006	25W LED	●	●	●	●	⏚	3100	1550	●	3000	80	1123	2,30
I5007	25W LED	●	●	●	●	⏚	3200	1600	●	4000	80	1123	2,30
I5009	32W LED	●	●	●	●	⏚	3900	1950	●	3000	80	1403	2,70
I5010	32W LED	●	●	●	●	⏚	4000	2000	●	4000	80	1403	2,70
I5048	48W LED	●	●	●	●	⏚	6150	3450	●	3000	80	2246	4,20
I5049	48W LED	●	●	●	●	⏚	6400	3550	●	4000	80	2246	4,20
I5051	60W LED	●	●	●	●	⏚	7700	4300	●	3000	80	2806	4,90
I5052	60W LED	●	●	●	●	⏚	8000	4450	●	4000	80	2806	4,90





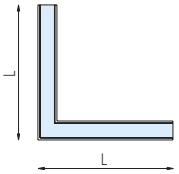
giunto angolare > *elbow joint*

I5087	13W LED	●	●			⏚	1550	770	●	3000	80	314x314	1,50
I5088	13W LED	●	●			⏚	1600	800	●	4000	80	314x314	1,50

85°x70°

LED

IP20



APPLICATION



INSTALLAZIONE DA INCASSO CON CORNICE: richiesto l'utilizzo di accessori (vedi pagina 31).
FRAMED RECESSED INSTALLATION: accessories needed (see page 31).

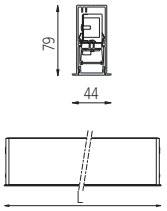


Con schermo opale a filo.
With opal flush diffuser.

luce diretta incasso con cornice > *framed recessed direct light*

11 ○ 12 ● 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
I5012	13W LED	●	●			⏚	1550	720	●	3000	80	563	1,50
I5013	13W LED	●	●			⏚	1600	750	●	4000	80	563	1,50
I5015	19W LED	●	●			⏚	2300	1100	●	3000	80	843	1,90
I5016	19W LED	●	●			⏚	2400	1150	●	4000	80	843	1,90
I5018	25W LED	●	●	●	●	⏚	3100	1450	●	3000	80	1123	2,30
I5019	25W LED	●	●	●	●	⏚	3200	1500	●	4000	80	1123	2,30
I5021	32W LED	●	●	●	●	⏚	3900	1800	●	3000	80	1403	2,70
I5022	32W LED	●	●	●	●	⏚	4000	1900	●	4000	80	1403	2,70
I5054	48W LED	●	●	●	●	⏚	6150	2850	●	3000	80	2246	4,20
I5055	48W LED	●	●	●	●	⏚	6400	3000	●	4000	80	2246	4,20
I5057	60W LED	●	●	●	●	⏚	7700	3600	●	3000	80	2806	4,90
I5058	60W LED	●	●	●	●	⏚	8000	3750	●	4000	80	2806	4,90





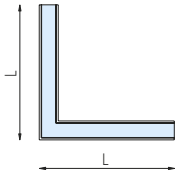
giunto angolar.*w joint*

I5090	13W LED	●	●			⏚	1550	720	●	3000	80	314x314	1,50
I5091	13W LED	●	●			⏚	1600	750	●	4000	80	314x314	1,50

115°

LED

IP20



APPLICATION



INSTALLAZIONE DA INCASSO CON CORNICE: richiesto l'utilizzo di accessori (vedi pagina 31).
FRAMED RECESSED INSTALLATION: accessories needed (see page 31).

luce diretta incasso con cornice > *framed recessed direct light*

11 ○ 12 ● 21 ●



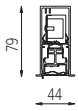
Con lente wallwasher.
With wallwasher lens.

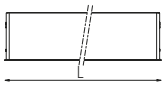
moduli apparecchio > *modular light fittings*

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
I5024	13W LED	●	●			⏚	1550	1050	●	3000	80	563	1,50
I5025	13W LED	●	●			⏚	1600	1100	●	4000	80	563	1,50
I5027	19W LED	●	●			⏚	2300	1550	●	3000	80	843	1,90
I5028	19W LED	●	●			⏚	2400	1600	●	4000	80	843	1,90
I5030	25W LED	●	●	●	●	⏚	3100	2050	●	3000	80	1123	2,30
I5031	25W LED	●	●	●	●	⏚	3200	2150	●	4000	80	1123	2,30
I5033	32W LED	●	●	●	●	⏚	3900	2600	●	3000	80	1403	2,70
I5034	32W LED	●	●	●	●	⏚	4000	2700	●	4000	80	1403	2,70
I5060	48W LED	●	●	●	●	⏚	6150	4150	●	3000	80	2246	4,30
I5061	48W LED	●	●	●	●	⏚	6400	4300	●	4000	80	2246	4,30
I5063	60W LED	●	●	●	●	⏚	7700	5200	●	3000	80	2806	5,20
I5064	60W LED	●	●	●	●	⏚	8000	5400	●	4000	80	2806	5,20



Imax = 9°





giunto angolare > *elbow joint*



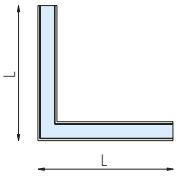
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
I5093	13W LED	●	●			⏚	1550	1050	●	3000	80	314x314	1,50
I5094	13W LED	●	●			⏚	1600	1100	●	4000	80	314x314	1,50



Imax = 9°

LED

IP20



APPLICATION



INSTALLAZIONE DA INCASSO CON CORNICE: richiesto l'utilizzo di accessori (vedi pagina 31).
FRAMED RECESSED INSTALLATION: accessories needed (see page 31).

luce diretta incasso con cornice > *framed recessed direct light*

11 ○ 12 ● 21 ●



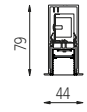
Ottica GC nera.
Black GC optic.

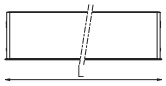
moduli apparecchio > *modular light fittings*

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
I5036	13W LED	●	●			⏚	1550	480	●	3000	80	563	1,50
I5037	13W LED	●	●			⏚	1600	500	●	4000	80	563	1,50
I5039	19W LED	●	●			⏚	2300	720	●	3000	80	843	1,90
I5040	19W LED	●	●			⏚	2400	750	●	4000	80	843	1,90
I5042	25W LED	●	●	●	●	⏚	3100	960	●	3000	80	1123	2,30
I5043	25W LED	●	●	●	●	⏚	3200	1000	●	4000	80	1123	2,30
I5045	32W LED	●	●	●	●	⏚	3900	1200	●	3000	80	1403	2,70
I5046	32W LED	●	●	●	●	⏚	4000	1250	●	4000	80	1403	2,70
I5066	48W LED	●	●	●	●	⏚	6150	1900	●	3000	80	2246	4,00
I5067	48W LED	●	●	●	●	⏚	6400	2000	●	4000	80	2246	4,00
I5069	60W LED	●	●	●	●	⏚	7700	2400	●	3000	80	2806	4,90
I5070	60W LED	●	●	●	●	⏚	8000	2500	●	4000	80	2806	4,90



111°x55°





giunto angolare > *elbow joint*



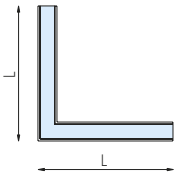
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
I5095	13W LED	●	●			⏚	1540	480	●	3000	80	314x314	1,50
I5096	13W LED	●	●			⏚	1600	500	●	4000	80	314x314	1,50



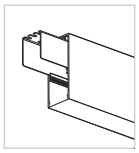
111°x55°

LED

IP20



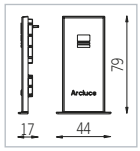
accessori > *accessories*


Code		Kg
A3295	●	0,06

Giunto lineare a scomparsa in acciaio zincato.
Galvanized steel hidden linear joint.



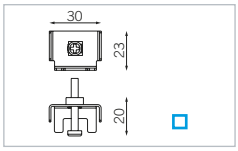


11 ○
12 ●
21 ●

Code		Kg
I5098	●	0,10

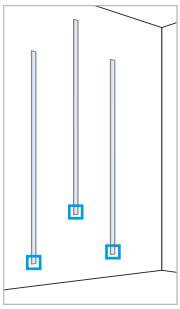
Testata finale in zama pressofusa.
Die-cast zamak end cap.



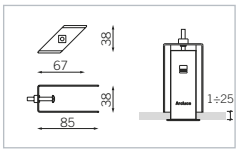


Code		Kg
I5097	●	0,02

Staffa anti-slittamento in acciaio zincato per montaggio verticale.
Anti-slip bracket made of galvanized steel for vertical mounting.

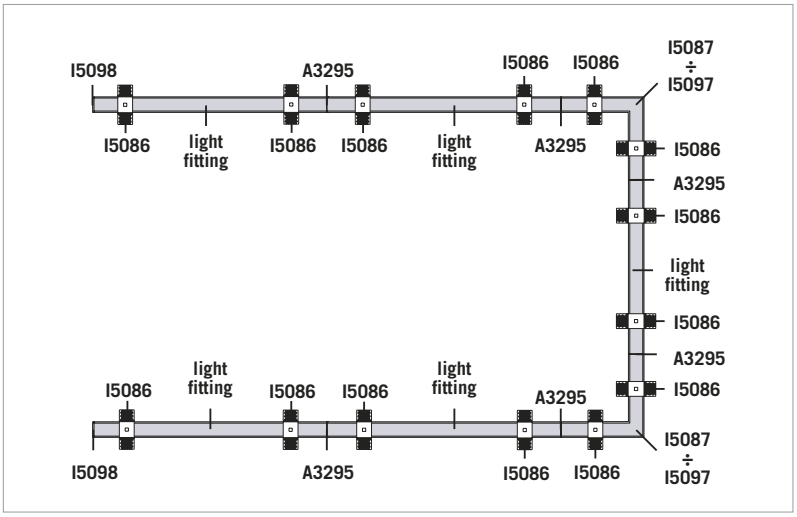






Code		Kg
I5086	●	0,20

Staffa di fissaggio in acciaio zincato senza viti per incasso in controsoffitti di cartongesso (non adatta per montaggio verticale e incasso trimless).
Non richiede stuccatura.
Mounting bracket in galvanized steel without screws for installation in plasterboard ceilings (not suitable for vertical mounting and recessed trimless).
It does not require plastering.







RIGO30

A PARETE
WALL MOUNTING

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofusa.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Lenti LED in PMMA.
Doppio schermo: in policarbonato microprismatizzato trasparente o opale e in PMMA opale.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 118lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione a plafone.
Cassetta di cablaggio in alluminio pressofuso.
Driver LED incluso.
Passacavo per entrata singola dei cavi d'alimentazione.
Basetta di fissaggio in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI INCLUSE

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
PMMA lenses for LEDs.
Double screen: clear or opal microprismatic polycarbonate and opal PMMA.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 118lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Ceiling installation.
Die-cast aluminium control gear box.
LED driver included.
Grommet for single cable entry.
Galvanized steel base plate.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

END CAPS INCLUDED.



SCHERMO MICROPRISMATIZZATO A FILO
FLUSH CLEAR PRISMATIC SCREEN



SCHERMO OPALE A FILO
FLUSH OPAL SCREEN



LENTE WALLWASHER
WALLWASHER LENS



OTTICA GC NERA
BLACK GC OPTIC





versione a parete > wall mounting

11 ○ 12 ● 21 ● 31 ●

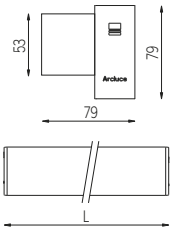


Con schermo trasparente microprismatizzato a filo.
With transparent microprysmatic flush diffuser.

luce diretta > *direct light*



Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
A3472-XX	6W LED	●				⏚	770	390	●	3000	80	293	1,10
A3472-31	6W LED	●				⏚	770	390	●	3000	80	293	1,10
A3473-XX	6W LED	●				⏚	800	400	●	4000	80	293	1,10
A3473-31	6W LED	●				⏚	800	400	●	4000	80	293	1,10
A3400-XX	13W LED	●	●			⏚	1550	770	●	3000	80	573	1,80
A3400-31	13W LED	●	●			⏚	1550	770	●	3000	80	573	1,80
A3401-XX	13W LED	●	●			⏚	1600	800	●	4000	80	573	1,80
A3401-31	13W LED	●	●			⏚	1600	800	●	4000	80	573	1,80
A3403-XX	19W LED	●	●			⏚	2300	1150	●	3000	80	853	2,20
A3403-31	19W LED	●	●			⏚	2300	1150	●	3000	80	853	2,20
A3404-XX	19W LED	●	●			⏚	2400	1200	●	4000	80	853	2,20
A3404-31	19W LED	●	●			⏚	2400	1200	●	4000	80	853	2,20
A3406-XX	25W LED	●	●	●	●	⏚	3100	1550	●	3000	80	1133	2,50
A3406-31	25W LED	●	●	●	●	⏚	3100	1550	●	3000	80	1133	2,50
A3407-XX	25W LED	●	●	●	●	⏚	3200	1600	●	4000	80	1133	2,50
A3407-31	25W LED	●	●	●	●	⏚	3200	1600	●	4000	80	1133	2,50





Con schermo opale a filo.
With opal flush diffuser.

luce diretta > *direct light*



Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
A3475-XX	6W LED	●				⏚	770	360	●	3000	80	293	1,10
A3475-31	6W LED	●				⏚	770	360	●	3000	80	293	1,10
A3476-XX	6W LED	●				⏚	800	380	●	4000	80	293	1,10
A3476-31	6W LED	●				⏚	800	380	●	4000	80	293	1,10
A3409-XX	13W LED	●	●			⏚	1550	720	●	3000	80	573	1,80
A3409-31	13W LED	●	●			⏚	1550	720	●	3000	80	573	1,80
A3410-XX	13W LED	●	●			⏚	1600	750	●	4000	80	573	1,80
A3410-31	13W LED	●	●			⏚	1600	750	●	4000	80	573	1,80
A3412-XX	19W LED	●	●			⏚	2300	1100	●	3000	80	853	2,20
A3412-31	19W LED	●	●			⏚	2300	1100	●	3000	80	853	2,20
A3413-XX	19W LED	●	●			⏚	2400	1150	●	4000	80	853	2,20
A3413-31	19W LED	●	●			⏚	2400	1150	●	4000	80	853	2,20
A3415-XX	25W LED	●	●	●	●	⏚	3100	1450	●	3000	80	1133	2,50
A3415-31	25W LED	●	●	●	●	⏚	3100	1450	●	3000	80	1133	2,50
A3416-XX	25W LED	●	●	●	●	⏚	3200	1500	●	4000	80	1133	2,50
A3416-31	25W LED	●	●	●	●	⏚	3200	1500	●	4000	80	1133	2,50



Con lente wallwasher.
With wallwasher lens.

luce diretta > *direct light*



Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
A3478-XX	6W LED	●				⏚	770	520	●	3000	80	293	1,10
A3478-31	6W LED	●				⏚	770	520	●	3000	80	293	1,10
A3479-XX	6W LED	●				⏚	800	540	●	4000	80	293	1,10
A3479-31	6W LED	●				⏚	800	540	●	4000	80	293	1,10
A3418-XX	13W LED	●	●			⏚	1550	1050	●	3000	80	573	1,80
A3418-31	13W LED	●	●			⏚	1550	1050	●	3000	80	573	1,80
A3419-XX	13W LED	●	●			⏚	1600	1100	●	4000	80	573	1,80
A3419-31	13W LED	●	●			⏚	1600	1100	●	4000	80	573	1,80
A3421-XX	19W LED	●	●			⏚	2300	1550	●	3000	80	853	2,20
A3421-31	19W LED	●	●			⏚	2300	1550	●	3000	80	853	2,20
A3422-XX	19W LED	●	●			⏚	2400	1600	●	4000	80	853	2,20
A3422-31	19W LED	●	●			⏚	2400	1600	●	4000	80	853	2,20
A3424-XX	25W LED	●	●	●	●	⏚	3100	2050	●	3000	80	1133	2,50
A3424-31	25W LED	●	●	●	●	⏚	3100	2050	●	3000	80	1133	2,50
A3425-XX	25W LED	●	●	●	●	⏚	3200	2150	●	4000	80	1133	2,50
A3425-31	25W LED	●	●	●	●	⏚	3200	2150	●	4000	80	1133	2,50



Ottica GC nera.
Black GC optic.

luce diretta > *direct light*



Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
A3481-XX	6W LED	●				⏚	770	240	●	3000	80	293	1,10
A3481-31	6W LED	●				⏚	770	240	●	3000	80	293	1,10
A3482-XX	6W LED	●				⏚	800	250	●	4000	80	293	1,10
A3482-31	6W LED	●				⏚	800	250	●	4000	80	293	1,10
A3427-XX	13W LED	●	●			⏚	1550	480	●	3000	80	573	1,80
A3427-31	13W LED	●	●			⏚	1550	480	●	3000	80	573	1,80
A3428-XX	13W LED	●	●			⏚	1600	500	●	4000	80	573	1,80
A3428-31	13W LED	●	●			⏚	1600	500	●	4000	80	573	1,80
A3430-XX	19W LED	●	●			⏚	2300	720	●	3000	80	853	2,20
A3430-31	19W LED	●	●			⏚	2300	720	●	3000	80	853	2,20
A3431-XX	19W LED	●	●			⏚	2400	750	●	4000	80	853	2,20
A3431-31	19W LED	●	●			⏚	2400	750	●	4000	80	853	2,20
A3433-XX	25W LED	●	●	●	●	⏚	3100	960	●	3000	80	1133	2,50
A3433-31	25W LED	●	●	●	●	⏚	3100	960	●	3000	80	1133	2,50
A3434-XX	25W LED	●	●	●	●	⏚	3200	1000	●	4000	80	1133	2,50
A3434-31	25W LED	●	●	●	●	⏚	3200	1000	●	4000	80	1133	2,50

LED

IP40

versione a parete > wall mounting

11 ○ 12 ● 21 ● 31 ●



Con schermo trasparente microprismatizzato a filo.
With transparent microprysmatic flush diffuser.



Con schermo opale a filo.
With opal flush diffuser.



Con lente wallwasher.
With wallwasher lens.



Ottica GC nera.
Black GC optic.

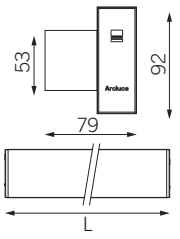
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
luce diretta/indiretta > *direct/indirect light*													
A3484-XX	6+6W LED	●					770+770	390+480	●	3000	80	293	1,20
A3484-31	6+6W LED	●					770+770	390+480	●	3000	80	293	1,20
A3485-XX	6+6W LED	●					800+800	400+500	●	4000	80	293	1,20
A3485-31	6+6W LED	●					800+800	400+500	●	4000	80	293	1,20
A3436-XX	13+13W LED	●	●				1550+1550	770+950	●	3000	80	563	1,90
A3436-31	13+13W LED	●	●				1550+1550	770+950	●	3000	80	563	1,90
A3437-XX	13+13W LED	●	●				1600+1600	800+1000	●	4000	80	563	1,90
A3437-31	13+13W LED	●	●				1600+1600	800+1000	●	4000	80	563	1,90
A3439-XX	19+19W LED	●	●				2300+2300	1150+1460	●	3000	80	843	2,40
A3439-31	19+19W LED	●	●				2300+2300	1150+1460	●	3000	80	843	2,40
A3440-XX	19+19W LED	●	●				2400+2400	1200+1500	●	4000	80	843	2,40
A3440-31	19+19W LED	●	●				2400+2400	1200+1500	●	4000	80	843	2,40
A3442-XX	25+25W LED	●	●	●	●		3100+3100	1540+1900	●	3000	80	1123	2,90
A3442-31	25+25W LED	●	●	●	●		3100+3100	1540+1900	●	3000	80	1123	2,90
A3443-XX	25+25W LED	●	●	●	●		3200+3200	1600+2000	●	4000	80	1123	2,90
A3443-31	25+25W LED	●	●	●	●		3200+3200	1600+2000	●	4000	80	1123	2,90
luce diretta/indiretta > *direct/indirect light*													
A3487-XX	6+6W LED	●					770+770	360+480	●	3000	80	293	1,20
A3487-31	6+6W LED	●					770+770	360+480	●	3000	80	293	1,20
A3488-XX	6+6W LED	●					800+800	380+500	●	4000	80	293	1,20
A3488-31	6+6W LED	●					800+800	380+500	●	4000	80	293	1,20
A3445-XX	13+13W LED	●	●				1550+1550	720+950	●	3000	80	563	1,90
A3445-31	13+13W LED	●	●				1550+1550	720+950	●	3000	80	563	1,90
A3446-XX	13+13W LED	●	●				1600+1600	750+1000	●	4000	80	563	1,90
A3446-31	13+13W LED	●	●				1600+1600	750+1000	●	4000	80	563	1,90
A3448-XX	19+19W LED	●	●				2300+2300	1100+1450	●	3000	80	843	2,40
A3448-31	19+19W LED	●	●				2300+2300	1100+1450	●	3000	80	843	2,40
A3449-XX	19+19W LED	●	●				2400+2400	1150+1500	●	4000	80	843	2,40
A3449-31	19+19W LED	●	●				2400+2400	1150+1500	●	4000	80	843	2,40
A3451-XX	25+25W LED	●	●	●	●		3100+3100	1450+1900	●	3000	80	1123	2,90
A3451-31	25+25W LED	●	●	●	●		3100+3100	1450+1900	●	3000	80	1123	2,90
A3452-XX	25+25W LED	●	●	●	●		3200+3200	1500+2000	●	4000	80	1123	2,90
A3452-31	25+25W LED	●	●	●	●		3200+3200	1500+2000	●	4000	80	1123	2,90
luce diretta/indiretta > *direct/indirect light*													
A3490-XX	6+6W LED	●					770+770	520+480	●	3000	80	293	1,20
A3490-31	6+6W LED	●					770+770	520+480	●	3000	80	293	1,20
A3491-XX	6+6W LED	●					800+800	540+500	●	4000	80	293	1,20
A3491-31	6+6W LED	●					800+800	540+500	●	4000	80	293	1,20
A3454-XX	13+13W LED	●	●				1550+1550	620+950	●	3000	80	563	1,90
A3454-31	13+13W LED	●	●				1550+1550	620+950	●	3000	80	563	1,90
A3455-XX	13+13W LED	●	●				1600+1600	640+1000	●	4000	80	563	1,90
A3455-31	13+13W LED	●	●				1600+1600	640+1000	●	4000	80	563	1,90
A3457-XX	19+19W LED	●	●				2300+2300	920+1450	●	3000	80	843	2,40
A3457-31	19+19W LED	●	●				2300+2300	920+1450	●	3000	80	843	2,40
A3458-XX	19+19W LED	●	●				2400+2400	960+1500	●	4000	80	843	2,40
A3458-31	19+19W LED	●	●				2400+2400	960+1500	●	4000	80	843	2,40
A3460-XX	25+25W LED	●	●	●	●		3100+3100	1250+1900	●	3000	80	1123	2,90
A3460-31	25+25W LED	●	●	●	●		3100+3100	1250+1900	●	3000	80	1123	2,90
A3461-XX	25+25W LED	●	●	●	●		3200+3200	1300+2000	●	4000	80	1123	2,90
A3461-31	25+25W LED	●	●	●	●		3200+3200	1300+2000	●	4000	80	1123	2,90
luce diretta/indiretta > *direct/indirect light*													
A3493-XX	6+6W LED	●					770+770	240+480	●	3000	80	293	1,20
A3493-31	6+6W LED	●					770+770	240+480	●	3000	80	293	1,20
A3494-XX	6+6W LED	●					800+800	250+500	●	4000	80	293	1,20
A3494-31	6+6W LED	●					800+800	250+500	●	4000	80	293	1,20
A3463-XX	13+13W LED	●	●				1550+1550	480+950	●	3000	80	563	1,90
A3463-31	13+13W LED	●	●				1550+1550	480+950	●	3000	80	563	1,90
A3464-XX	13+13W LED	●	●				1600+1600	500+1000	●	4000	80	563	1,90
A3464-31	13+13W LED	●	●				1600+1600	500+1000	●	4000	80	563	1,90
A3466-XX	19+19W LED	●	●				2300+2300	720+1450	●	3000	80	843	2,40
A3466-31	19+19W LED	●	●				2300+2300	720+1450	●	3000	80	843	2,40
A3467-XX	19+19W LED	●	●				2400+2400	750+1500	●	4000	80	843	2,40
A3467-31	19+19W LED	●	●				2400+2400	750+1500	●	4000	80	843	2,40
A3469-XX	25+25W LED	●	●	●	●		3100+3100	960+1900	●	3000	80	1123	2,90
A3469-31	25+25W LED	●	●	●	●		3100+3100	960+1900	●	3000	80	1123	2,90
A3470-XX	25+25W LED	●	●	●	●		3200+3200	1000+2000	●	4000	80	1123	2,90
A3470-31	25+25W LED	●	●	●	●		3200+3200	1000+2000	●	4000	80	1123	2,90











LED

IP20



RIGO50

LINEA CONTINUA
CONTINUOS LINE

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofusa.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Lenti LED in PMMA.
Doppio schermo: in policarbonato microprismatizzato trasparente o opale e in PMMA opale.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 152lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
Lunga vita utile del LED: > 50000h con L80B10.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso, a sospensione o a plafone.
Passacavo per entrata singola dei cavi d'alimentazione.
Fissaggio tramite staffe in acciaio zincato.
Sospensione con cavo in acciaio 1,5m.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI DA ORDINARE SEPARATAMENTE.

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
PMMA lenses for LEDs.
Double screen: clear or opal microprismatic polycarbonate and opal PMMA.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 152lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
LED life time: >50000h with L80B10.
High colour consistency: <3 SDCM.

Installation
Recessed, suspended or ceiling installation.
Grommet for single cable entry.
Galvanized steel brackets.
Steel cable 1.5m for suspension.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

END CAPS TO BE ORDERED SEPARATELY.

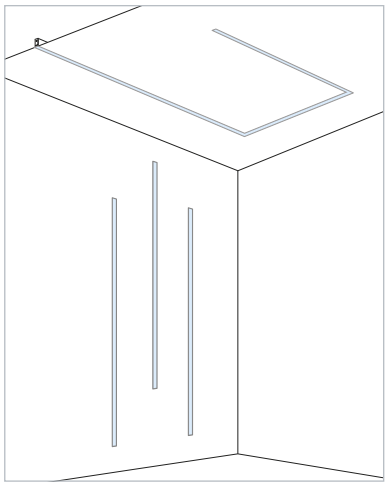
Accessori, vedi pag. 41-45.
Accessories, see page 41-45.

FAST INSTALLATION

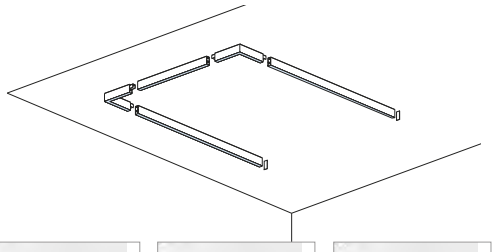
Predisposto per controllo via BLE, per dettagli contattare l'azienda.

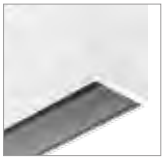
Suitable for BLE control device, for details consult factory.

INSTALLAZIONE A INCASSO TRIMLESS
TRIMLESS INSTALLATION



INSTALLAZIONE A PLAFONE
CEILING INSTALLATION





SCHERMO MICROPRISMATIZZATO SPORGENTE
BUILGING CLEAR PRISMATIC SCREEN

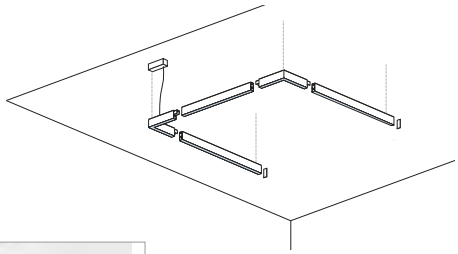


SCHERMO MICROPRISMATIZZATO A FILO
FLUSH CLEAR PRISMATIC SCREEN



SCHERMO OPALE A FILO
FLUSH OPAL SCREEN

INSTALLAZIONE A SOSPENSIONE
SUSPENDED INSTALLATION





OTTICA GC NERA
BLACK GC OPTIC

moduli apparecchio
modular light fittings



giunto angolare
elbow joint



giunto angolare soffitto-parete
elbow joint ceiling-wall





A RICHIESTA: VERSIONI CON LUCE BIANCA DINAMICA (vedi pagina 50) > ***ON REQUEST: TUNABLE WHITE VERSIONS*** *(see page 50).*

APPLICATION

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 41).
SUSPENDED INSTALLATION: accessories needed (see page 41).



Con schermo trasparente microprismatizzato sporgente.
With transparent microprismatic relief diffuser.

luce diretta > *direct light*

11 ○ 12 ● 21 ● 31 ○

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3500-XX	**16W LED**	●	●			⏚	2150	910	●	3000	80	563	1,70
A3500-31	**16W LED**	●	●			⏚	2150	910	●	3000	80	563	1,70
A3501-XX	**16W LED**	●	●			⏚	2350	990	●	4000	80	563	1,70
A3501-31	**16W LED**	●	●			⏚	2350	990	●	4000	80	563	1,70
A3503-XX	**24W LED**	●	●			⏚	3250	1350	●	3000	80	843	2,40
A3503-31	**24W LED**	●	●			⏚	3250	1350	●	3000	80	843	2,40
A3504-XX	**24W LED**	●	●			⏚	3550	1480	●	4000	80	843	2,40
A3504-31	**24W LED**	●	●			⏚	3550	1480	●	4000	80	843	2,40
A3506-XX	**32W LED**	●	●	●	●	⏚	4350	1830	●	3000	80	1123	3,00
A3506-31	**32W LED**	●	●	●	●	⏚	4350	1830	●	3000	80	1123	3,00
A3507-XX	**32W LED**	●	●	●	●	⏚	4700	1980	●	4000	80	1123	3,00
A3507-31	**32W LED**	●	●	●	●	⏚	4700	1980	●	4000	80	1123	3,00
A3509-XX	**40W LED**	●	●	●	●	⏚	5400	2260	●	3000	80	1403	3,60
A3509-31	**40W LED**	●	●	●	●	⏚	5400	2260	●	3000	80	1403	3,60
A3510-XX	**40W LED**	●	●	●	●	⏚	5900	2470	●	4000	80	1403	3,60
A3510-31	**40W LED**	●	●	●	●	⏚	5900	2470	●	4000	80	1403	3,60
										11 ○	12 ●	21 ●	
A3900-XX	**64W LED**	●	●	●	●	⏚	8600	3650	●	3000	80	2246	5,50
A3901-XX	**64W LED**	●	●	●	●	⏚	9400	3950	●	4000	80	2246	5,50
A3903-XX	**80W LED**	●	●	●	●	⏚	10750	4550	●	3000	80	2806	6,70
A3904-XX	**80W LED**	●	●	●	●	⏚	11750	4950	●	4000	80	2806	6,70

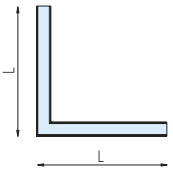
58°x86°

giunto angolare > *elbow joint*

11 ○ 12 ● 21 ●

A3512-XX	**32W LED**	●	●			⏚	4350	1830	●	3000	80	600x600	3,10
A3513-XX	**32W LED**	●	●			⏚	4700	1980	●	4000	80	600x600	3,10





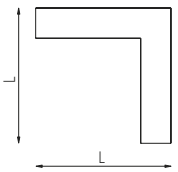
58°x86°

giunto angolare soffitto-parete > *elbow joint ceiling-wall*

11 ○ 12 ● 21 ●

A3515-XX	**32W LED**	●	●			⏚	4350	1670	●	3000	80	650x650	3,30
A3516-XX	**32W LED**	●	●			⏚	4700	1800	●	4000	80	650x650	3,30





58°x86°

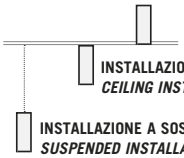
LED

APPLICATION

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.

IP20

APPLICATION



INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 41).
***TRIMLESS INSTALLATION:** accessories needed (see page 41).*

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
***CEILING INSTALLATION:** without accessories.*

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 41).
***SUSPENDED INSTALLATION:** accessories needed (see page 41).*



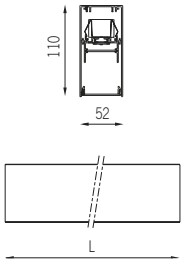
Con schermo trasparente microprismatizzato a filo.
With transparent microprismatic flush diffuser.

luce diretta > *direct light*

11 ○ 12 ● 21 ● 31 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3518-XX	**16W LED**	●	●				2150	940	●	3000	80	563	1,70
A3518-31	**16W LED**	●	●				2150	940	●	3000	80	563	1,70
A3519-XX	**16W LED**	●	●				2350	1030	●	4000	80	563	1,70
A3519-31	**16W LED**	●	●				2350	1030	●	4000	80	563	1,70
A3521-XX	**24W LED**	●	●				3250	1410	●	3000	80	843	2,40
A3521-31	**24W LED**	●	●				3250	1410	●	3000	80	843	2,40
A3522-XX	**24W LED**	●	●				3550	1540	●	4000	80	843	2,40
A3522-31	**24W LED**	●	●				3550	1540	●	4000	80	843	2,40
A3524-XX	**32W LED**	●	●	●	●		4350	1910	●	3000	80	1123	3,00
A3524-31	**32W LED**	●	●	●	●		4350	1910	●	3000	80	1123	3,00
A3525-XX	**32W LED**	●	●	●	●		4700	2060	●	4000	80	1123	3,00
A3525-31	**32W LED**	●	●	●	●		4700	2060	●	4000	80	1123	3,00
A3527-XX	**40W LED**	●	●	●	●		5400	2360	●	3000	80	1403	3,60
A3527-31	**40W LED**	●	●	●	●		5400	2360	●	3000	80	1403	3,60
A3528-XX	**40W LED**	●	●	●	●		5900	2580	●	4000	80	1403	3,60
A3528-31	**40W LED**	●	●	●	●		5900	2580	●	4000	80	1403	3,60
										11 ○	12 ●	21 ●	
A3905-XX	**64W LED**	●	●	●	●		8600	3750	●	3000	80	2246	5,50
A3906-XX	**64W LED**	●	●	●	●		9400	4100	●	4000	80	2246	5,50
A3908-XX	**80W LED**	●	●	●	●		10750	4700	●	3000	80	2806	6,70
A3909-XX	**80W LED**	●	●	●	●		11750	5150	●	4000	80	2806	6,70

60°x82°



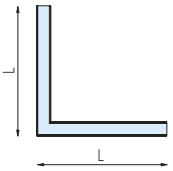
giunto angolare > *elbow joint*

11 ○ 12 ● 21 ●



A3530-XX	**32W LED**	●	●				4350	1910	●	3000	80	600x600	3,10
A3531-XX	**32W LED**	●	●				4700	2060	●	4000	80	600x600	3,10

60°x82°



giunto angolare soffitto-parete > *elbow joint ceiling-wall*

11 ○ 12 ● 21 ●



A3533-XX	**32W LED**	**310,00**	●	●			4350	1800	●	3000	80	650x650	3,30
A3534-XX	**32W LED**	**310,00**	●	●			4700	1900	●	4000	80	650x650	3,30

60°x82°

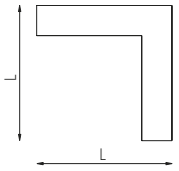
LED

APPLICATION

INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 41).
***TRIMLESS INSTALLATION:** accessories needed (see page 41).*

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
***CEILING INSTALLATION:** without accessories.*

IP20







APPLICATION

INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 41).
***TRIMLESS INSTALLATION:** accessories needed (see page 41).*

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
***CEILING INSTALLATION:** without accessories.*

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 41).
***SUSPENDED INSTALLATION:** accessories needed (see page 41).*



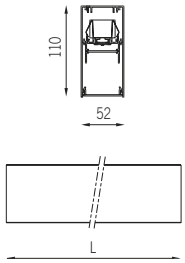
Con schermo opale a filo.
With opal flush diffuser.

luce diretta > *direct light*

11 ○ 12 ● 21 ● 31 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3536-XX	**16W LED**	●	●			⏚	2150	630	●	3000	80	563	1,70
A3536-31	**16W LED**	●	●			⏚	2150	630	●	3000	80	563	1,70
A3537-XX	**16W LED**	●	●			⏚	2350	690	●	4000	80	563	1,70
A3537-31	**16W LED**	●	●			⏚	2350	690	●	4000	80	563	1,70
A3539-XX	**24W LED**	●	●			⏚	3250	950	●	3000	80	843	2,40
A3539-31	**24W LED**	●	●			⏚	3250	950	●	3000	80	843	2,40
A3540-XX	**24W LED**	●	●			⏚	3550	1040	●	4000	80	843	2,40
A3540-31	**24W LED**	●	●			⏚	3550	1040	●	4000	80	843	2,40
A3542-XX	**32W LED**	●	●	●	●	⏚	4350	1280	●	3000	80	1123	3,00
A3542-31	**32W LED**	●	●	●	●	⏚	4350	1280	●	3000	80	1123	3,00
A3543-XX	**32W LED**	●	●	●	●	⏚	4700	1380	●	4000	80	1123	3,00
A3543-31	**32W LED**	●	●	●	●	⏚	4700	1380	●	4000	80	1123	3,00
A3545-XX	**40W LED**	●	●	●	●	⏚	5400	1590	●	3000	80	1403	3,60
A3545-31	**40W LED**	●	●	●	●	⏚	5400	1590	●	3000	80	1403	3,60
A3546-XX	**40W LED**	●	●	●	●	⏚	5900	1740	●	4000	80	1403	3,60
A3546-31	**40W LED**	●	●	●	●	⏚	5900	1740	●	4000	80	1403	3,60
									11 ○	12 ●	21 ●		
A3911-XX	**64W LED**	●	●	●	●	⏚	8600	2500	●	3000	80	2246	5,50
A3912-XX	**64W LED**	●	●	●	●	⏚	9400	2750	●	4000	80	2246	5,50
A3914-XX	**80W LED**	●	●	●	●	⏚	10750	3150	●	3000	80	2806	6,70
A3915-XX	**80W LED**	●	●	●	●	⏚	11750	3550	●	4000	80	2806	6,70

111°x 111°



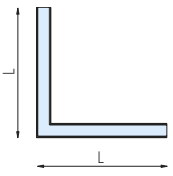


giunto angolare > *elbow joint*

11 ○ 12 ● 21 ●

A3548-XX	**32W LED**	●	●			⏚	4350	1280	●	3000	80	600x600	3,10
A3549-XX	**32W LED**	●	●			⏚	4700	1380	●	4000	80	600x600	3,10

111°x 111°





giunto angolare soffitto-parete > *elbow joint ceiling-wall*

11 ○ 12 ● 21 ●

A3551-XX	**32W LED**	●	●			⏚	4350	1160	●	3000	80	650x650	3,30
A3552-XX	**32W LED**	●	●			⏚	4700	1250	●	4000	80	650x650	3,30

111°x 111°

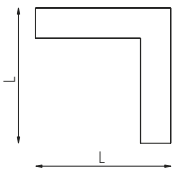
LED

APPLICATION

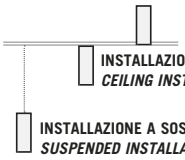
IP20

INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 41).
***TRIMLESS INSTALLATION:** accessories needed (see page 41).*

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
***CEILING INSTALLATION:** without accessories.*



APPLICATION



INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 41).
TRIMLESS INSTALLATION: accessories needed (see page 41).

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 41).
SUSPENDED INSTALLATION: accessories needed (see page 41).



Ottica GC nera.
Black GC optic.

luce diretta > *direct light*

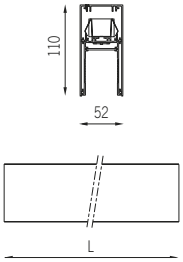
11 ○ 12 ● 21 ● 31 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3554-XX	**16W LED**	●	●				2150	610	●	3000	80	563	1,80
A3554-31	**16W LED**	●	●				2150	610	●	3000	80	563	1,80
A3555-XX	**16W LED**	●	●				2350	640	●	4000	80	563	1,80
A3555-31	**16W LED**	●	●				2350	640	●	4000	80	563	1,80
A3557-XX	**24W LED**	●	●				3250	920	●	3000	80	843	2,50
A3557-31	**24W LED**	●	●				3250	920	●	3000	80	843	2,50
A3558-XX	**24W LED**	●	●				3550	960	●	4000	80	843	2,50
A3558-31	**24W LED**	●	●				3550	960	●	4000	80	843	2,50
A3560-XX	**32W LED**	●	●	●	●		4350	1230	●	3000	80	1123	3,10
A3560-31	**32W LED**	●	●	●	●		4350	1230	●	3000	80	1123	3,10
A3561-XX	**32W LED**	●	●	●	●		4700	1280	●	4000	80	1123	3,10
A3561-31	**32W LED**	●	●	●	●		4700	1280	●	4000	80	1123	3,10
A3563-XX	**40W LED**	●	●	●	●		5400	1540	●	3000	80	1403	3,70
A3563-31	**40W LED**	●	●	●	●		5400	1540	●	3000	80	1403	3,70
A3564-XX	**40W LED**	●	●	●	●		5900	1600	●	4000	80	1403	3,70
A3564-31	**40W LED**	●	●	●	●		5900	1600	●	4000	80	1403	3,70
										11 ○ 12 ● 21 ●			
A3917-XX	**64W LED**	●	●	●	●		8600	3750	●	3000	80	2246	5,60
A3918-XX	**64W LED**	●	●	●	●		9400	4100	●	4000	80	2246	5,60
A3920-XX	**80W LED**	●	●	●	●		10750	4700	●	3000	80	2806	6,80
A3921-XX	**80W LED**	●	●	●	●		11750	5150	●	4000	80	2806	6,80
giunto angolare > *elbow joint*										11 ○ 12 ● 21 ●			
A3566-XX	**32W LED**	●	●				4350	1230	●	3000	80	600x600	3,20
A3567-XX	**32W LED**	●	●				4700	1280	●	4000	80	600x600	3,20

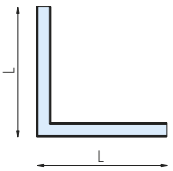
36°x96°

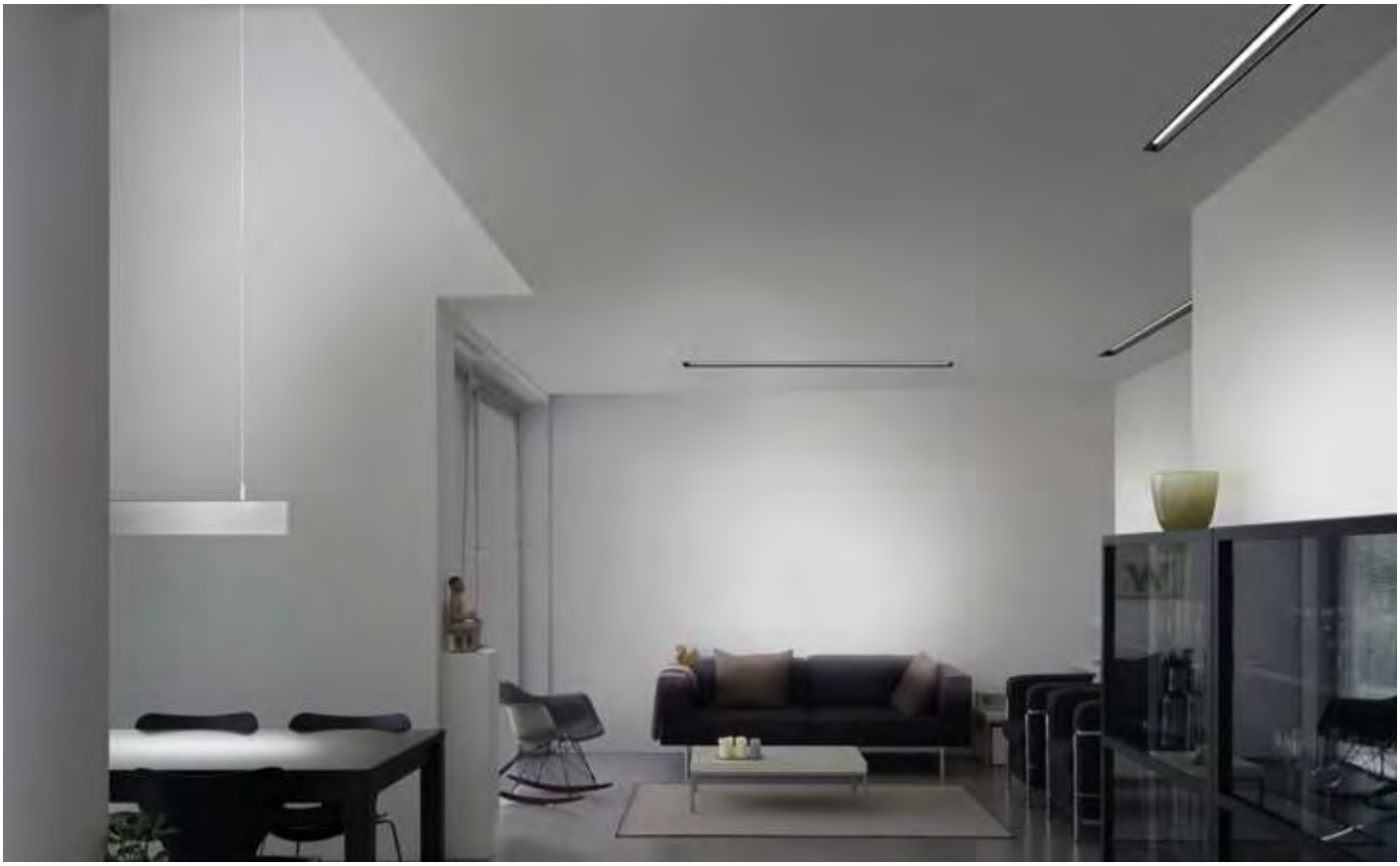
LED

IP20

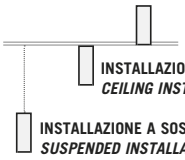








APPLICATION



INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 41).
TRIMLESS INSTALLATION: accessories needed (see page 41).

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 41).
SUSPENDED INSTALLATION: accessories needed (see page 41).



UGR<19

Con schermo trasparente microprismatizzato a filo.
With transparent microprismatic flush diffuser.

luce diretta > *direct light*

11 ○ 12 ● 21 ● 31 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A4000-XX	**18W LED**	●	●	●	●		2450	1850	●	3000	80	1123	3,50
A4000-31	**18W LED**	●	●	●	●		2450	1850	●	3000	80	1123	3,50
A4001-XX	**18W LED**	●	●	●	●		2500	1900	●	4000	80	1123	3,50
A4001-31	**18W LED**	●	●	●	●		2500	1900	●	4000	80	1123	3,50
A4003-XX	**22W LED**	●	●	●	●		3050	2300	●	3000	80	1403	4,10
A4003-31	**22W LED**	●	●	●	●		3050	2300	●	3000	80	1403	4,10
A4004-XX	**22W LED**	●	●	●	●		3100	2350	●	4000	80	1403	4,10
A4004-31	**22W LED**	●	●	●	●		3100	2350	●	4000	80	1403	4,10
										11 ○	12 ●	21 ●	
A4006-XX	**36W LED**	●	●	●	●		4900	3700	●	3000	80	2246	6,50
A4007-XX	**36W LED**	●	●	●	●		5000	3750	●	4000	80	2246	6,50
A4009-XX	**45W LED**	●	●	●	●		6100	4600	●	3000	80	2806	8,00
A4010-XX	**45W LED**	●	●	●	●		6250	4700	●	4000	80	2806	8,00



giunto angolare > *elbow joint*

11 ○ 12 ● 21 ●

Code	WATT												
A4012-XX	**18W LED**	●	●				2450	1850	●	3000	80	600x600	3,50
A4013-XX	**18W LED**	●	●				2500	1900	●	4000	80	600x600	3,50



giunto angolare soffitto-parete > *elbow joint ceiling-wall*

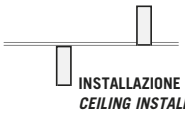
11 ○ 12 ● 21 ●

Code	WATT												
A4015-XX	**18W LED**	●	●				2450	1700	●	1700	80	650x650	3,70
A4016-XX	**18W LED**	●	●				2500	1800	●	1800	80	650x650	3,70

LED

IP20

APPLICATION



INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 41).
TRIMLESS INSTALLATION: accessories needed (see page 41).

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.



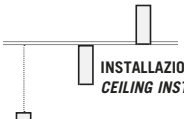
MODULO STRUTTURALE luce diretta > *STRUCTURAL MODULE direct light*

11 ○ 12 ● 21 ●

Code	WATT	SC		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*											
A3971-XX		●								1123	1,80
A3972-XX		●								1403	2,20

IP20

APPLICATION



INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 41).
TRIMLESS INSTALLATION: accessories needed (see page 41).

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 41).
SUSPENDED INSTALLATION: accessories needed (see page 41).

accessori luce diretta > *direct light accessories*





Code		Kg
A3697		0,15

Giunto lineare a scomparsa in acciaio zincato.
Galvanized steel hidden linear joint.



11 ○
12 ●

Per versioni dali-emergenza usare un rosone codice A3693 e un rosone codice A3694.
Use cable cup code A3693 and A3694 for dali-emergency versions.

Code		Wiring	Kg
A3693	3x0,75 mmq	**CEI**	0,34
A3694	5x0,75 mmq	**DALI, CEI-EM**	0,34
A3693 + A3694	3+5x0,75mmq	**DALI-EM**	0,68

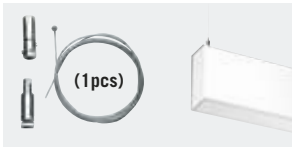
Sospensione elettrificata con rosone in tecnopolimero e fune d'acciaio 1,5m.
Electrical suspension with engineering plastic cable cup and steel cable (1.5m).



11 ○
12 ●

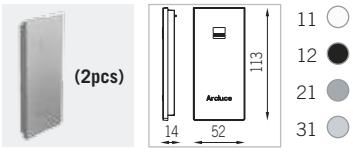
Code		Kg
A3696		0,34

Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m).
Engineering plastic suspension with steel cable (1.5m).



Code		Kg
A1899		0,10

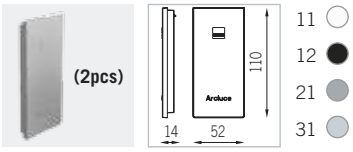
Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica per versione a luce diretta.
Suspension with steel cable (1.5m) with millimetric adjustment wiring for direct light version.



11 ○
12 ●
21 ●
31 ○

Code		Kg
A3689-XX		0,21
A3689-31		0,21

Testata finale in zama pressofusa per versioni a luce diretta **con schermo sporgente**.
*Die-cast zamak end cap for direct light version **with relief screen**.*

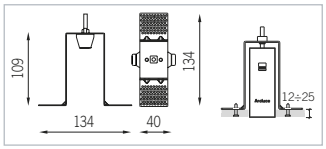


11 ○
12 ●
21 ●
31 ○

Code		Kg
A3690-XX		0,20
A3690-31		0,20

Testata finale in zama pressofusa per versioni luce diretta **con schermo a filo, wallwasher o GCO**.
*Die-cast zamak end cap for direct light version **with flush screen, wallwasher or GCO**.*



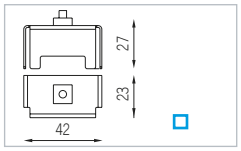


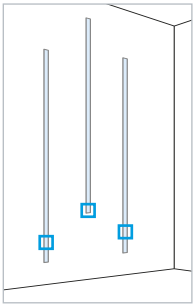
Code		Kg
I5197		0,21

PER VERSIONE TRIMLESS
FOR TRIMLESS VERSION

Staffa di fissaggio in acciaio zincato con viti per incasso in controsoffitti di cartongesso.
Richiede stuccatura.
Mounting bracket in galvanized steel with screws for installation in plasterboard ceilings.
It requires plastering over.



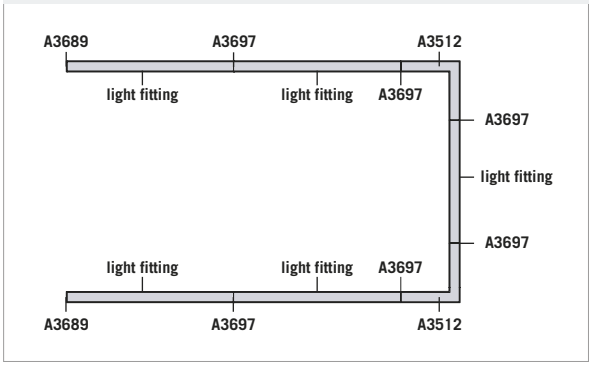




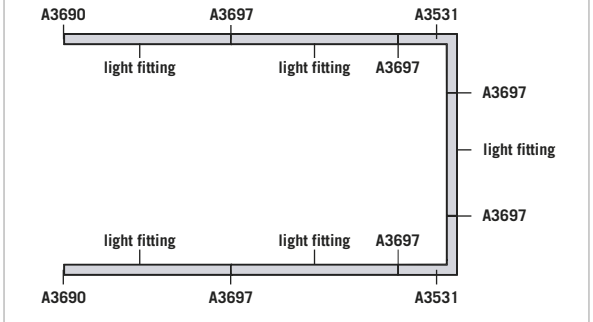
Code		Kg
I5196		0,02

Staffa anti-slittamento in acciaio zincato per montaggio verticale.
Anti-slip bracket made of galvanized steel for vertical mounting.

VERSIONE CON SCHERMO SPORGENTE
RELIEF SCREEN VERSION



VERSIONI CON SCHERMO A FILO, WALLWASHER, GCO
FLUSH SCREEN, WALLWASHER, OR GCO VERSIONS



APPLICATION

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 45).
SUSPENDED INSTALLATION: accessories needed (see page 45).



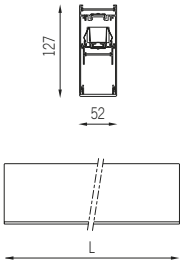
UGR<19

Con schermo trasparente microprismatizzato sporgente.
With transparent microprismatic relief diffuser.

luce diretta/indiretta > *direct/indirect light*

11 ○ 12 ● 21 ● 31 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3600-XX	**16+12W LED**	●	●				2150+1600	910+1300	●	3000	80	563	2,00
A3600-31	**16+12W LED**	●	●				2150+1600	910+1300	●	3000	80	563	2,00
A3601-XX	**16+12W LED**	●	●				2350+1800	990+1400	●	4000	80	563	2,00
A3601-31	**16+12W LED**	●	●				2350+1800	990+1400	●	4000	80	563	2,00
A3603-XX	**24+20W LED**	●	●				3250+2700	1350+2200	●	3000	80	843	2,80
A3603-31	**24+20W LED**	●	●				3250+2700	1350+2200	●	3000	80	843	2,80
A3604-XX	**24+20W LED**	●	●				3550+3000	1480+2300	●	4000	80	843	2,80
A3604-31	**24+20W LED**	●	●				3550+3000	1480+2300	●	4000	80	843	2,80
A3606-XX *	**32+28W LED**	●	●	●	●		4350+3800	1830+3050	●	3000	80	1123	3,50
A3606-31 *	**32+28W LED**	●	●	●	●		4350+3800	1830+3050	●	3000	80	1123	3,50
A3607-XX *	**32+28W LED**	●	●	●	●		4700+4100	1980+3200	●	4000	80	1123	3,50
A3607-31 *	**32+28W LED**	●	●	●	●		4700+4100	1980+3200	●	4000	80	1123	3,50
A3609-XX *	**40+36W LED**	●	●	●	●		5400+4800	2260+3950	●	3000	80	1403	4,20
A3609-31 *	**40+36W LED**	●	●	●	●		5400+4800	2260+3950	●	3000	80	1403	4,20
A3610-XX *	**40+36W LED**	●	●	●	●		5900+4900	2470+4100	●	4000	80	1403	4,20
A3610-31 *	**40+36W LED**	●	●	●	●		5900+4900	2470+4100	●	4000	80	1403	4,20
										11 ○	12 ●	21 ●	
A3935-XX *	**64+60W LED**	●	●	●	●		8600+8050	3650+6540	●	3000	80	2246	6,50
A3936-XX *	**64+60W LED**	●	●	●	●		9400+8050	3950+7200	●	4000	80	2246	6,50
A3938-XX *	**80+76W LED**	●	●	●	●		10750+10200	4550+8300	●	3000	80	2806	7,70
A3939-XX *	**80+76W LED**	●	●	●	●		11750+11200	4950+9100	●	4000	80	2806	7,70



giunto angolare > *elbow joint*

11 ○ 12 ● 21 ●

A3612-XX	**32+32W LED**	●	●				4350+4350	1830+3350	●	3000	80	600x600	3,80
A3613-XX	**32+32W LED**	●	●				4700+4700	1980+3680	●	4000	80	600x600	3,80

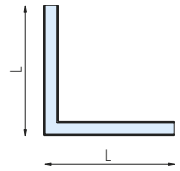


82°x110° / 58°x86°

LED

* Apparecchio con cablaggio in doppia accensione (solo per versioni CEI).
Double-switch wiring light fitting (Only CEI version) .

IP40





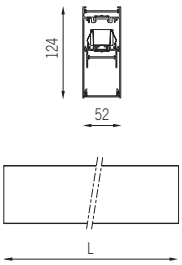
UGR<19

Con schermo trasparente microprismatizzato a filo.
With transparent microprismatic flush diffuser.

luce diretta/indiretta > *direct/indirect light*

11 ○ 12 ● 21 ● 31 ●

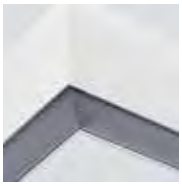
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3615-XX	**16+12W LED**	●	●				2150+1600	940+1300	●	3000	80	563	2,00
A3615-31	**16+12W LED**	●	●				2150+1600	940+1300	●	3000	80	563	2,00
A3616-XX	**16+12W LED**	●	●				2350+1760	1030+1400	●	4000	80	563	2,00
A3616-31	**16+12W LED**	●	●				2350+1760	1030+1400	●	4000	80	563	2,00
A3618-XX	**24+20W LED**	●	●				3250+2700	1410+2200	●	3000	80	843	2,80
A3618-31	**24+20W LED**	●	●				3250+2700	1410+2200	●	3000	80	843	2,80
A3619-XX	**24+20W LED**	●	●				3550+3000	1540+2300	●	4000	80	843	2,80
A3619-31	**24+20W LED**	●	●				3550+3000	1540+2300	●	4000	80	843	2,80
A3621-XX *	**32+28W LED**	●	●	●	●		4350+3800	1910+3050	●	3000	80	1123	3,50
A3621-31 *	**32+28W LED**	●	●	●	●		4350+3800	1910+3050	●	3000	80	1123	3,50
A3622-XX *	**32+28W LED**	●	●	●	●		4700+4100	2060+3200	●	4000	80	1123	3,50
A3622-31 *	**32+28W LED**	●	●	●	●		4700+4100	2060+3200	●	4000	80	1123	3,50
A3624-XX *	**40+36W LED**	●	●	●	●		5400+4800	2360+3950	●	3000	80	1403	4,20
A3624-31 *	**40+36W LED**	●	●	●	●		5400+4800	2360+3950	●	3000	80	1403	4,20
A3625-XX *	**40+36W LED**	●	●	●	●		5900+4900	2580+4100	●	4000	80	1403	4,20
A3625-31 *	**40+36W LED**	●	●	●	●		5900+4900	2580+4100	●	4000	80	1403	4,20
										11 ○	12 ●	21 ●	
A3941-XX *	**64+60W LED**	●	●	●	●		8600+8050	3650+6540	●	3000	80	2246	6,50
A3942-XX *	**64+60W LED**	●	●	●	●		9400+8050	4100+7200	●	4000	80	2246	6,50
A3944-XX *	**80+76W LED**	●	●	●	●		10750+10200	4700+8300	●	3000	80	2806	7,70
A3945-XX *	**80+76W LED**	●	●	●	●		11750+11200	5150+9100	●	4000	80	2806	7,70



giunto angolare > *elbow joint*

11 ○ 12 ● 21 ●

A3627-XX	**32+32W LED**	●	●				4350+4350	1910+3350	●	3000	80	600x600	3,80
A3628-XX	**32+32W LED**	●	●				4700+4700	2060+3680	●	4000	80	600x600	3,80

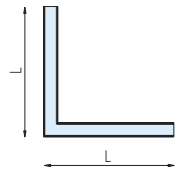


82°x110° / 60°x82°

LED

* Apparecchio con cablaggio in doppia accensione (solo per versioni CEI).
Double-switch wiring light fitting (Only CEI version) .

IP40



APPLICATION

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 45).
SUSPENDED INSTALLATION: accessories needed (see page 45).



UGR<19

Con schermo opale a filo.
With opal flush diffuser.

luce diretta/indiretta > *direct/indirect light*

11 ○ 12 ● 21 ● 31 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3630-XX	**16+12W LED**	●	●			⏚	2150+1600	630+1300	●	3000	80	563	2,00
A3630-31	**16+12W LED**	●	●			⏚	2150+1600	630+1300	●	3000	80	563	2,00
A3631-XX	**16+12W LED**	●	●			⏚	2350+1800	690+1400	●	4000	80	563	2,00
A3631-31	**16+12W LED**	●	●			⏚	2350+1800	690+1400	●	4000	80	563	2,00
A3633-XX	**24+20W LED**	●	●			⏚	3250+2700	950+2200	●	3000	80	843	2,80
A3633-31	**24+20W LED**	●	●			⏚	3250+2700	950+2200	●	3000	80	843	2,80
A3634-XX	**24+20W LED**	●	●			⏚	3550+3000	1040+2300	●	4000	80	843	2,80
A3634-31	**24+20W LED**	●	●			⏚	3550+3000	1040+2300	●	4000	80	843	2,80
A3636-XX *	**32+28W LED**	●	●	●	●	⏚	4350+3800	1280+3050	●	3000	80	1123	3,50
A3636-31 *	**32+28W LED**	●	●	●	●	⏚	4350+3800	1280+3050	●	3000	80	1123	3,50
A3637-XX *	**32+28W LED**	●	●	●	●	⏚	4700+4100	1380+3200	●	4000	80	1123	3,50
A3637-31 *	**32+28W LED**	●	●	●	●	⏚	4700+4100	1380+3200	●	4000	80	1123	3,50
A3639-XX *	**40+36W LED**	●	●	●	●	⏚	5400+4800	1590+3950	●	3000	80	1403	4,20
A3639-31 *	**40+36W LED**	●	●	●	●	⏚	5400+4800	1590+3950	●	3000	80	1403	4,20
A3640-XX *	**40+36W LED**	●	●	●	●	⏚	5900+4900	1740+4100	●	4000	80	1403	4,20
A3640-31 *	**40+36W LED**	●	●	●	●	⏚	5900+4900	1740+4100	●	4000	80	1403	4,20
									11 ○	12 ●	21 ●		
A3947-XX *	**64+60W LED**	●	●	●	●	⏚	8600+8050	2500+6540	●	3000	80	2246	6,50
A3948-XX *	**64+60W LED**	●	●	●	●	⏚	9400+8050	2750+7200	●	4000	80	2246	6,50
A3950-XX *	**80+76W LED**	●	●	●	●	⏚	10750+10200	3150+8300	●	3000	80	2806	7,70
A3951-XX *	**80+76W LED**	●	●	●	●	⏚	11750+11200	3450+9100	●	4000	80	2806	7,70



giuntо angolare > *elbow joint* 11 ○ 12 ● 21 ●

A3642-XX	**32+32W LED**	●	●			⏚	4350+4350	1280+3300	●	3000	80	600x600	3,80
A3643-XX	**32+32W LED**	●	●			⏚	4700+4700	1380+3600	●	4000	80	600x600	3,80

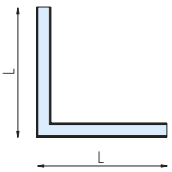




LED

* Apparecchio con cablaggio in doppia accensione (solo per versioni CEI).
Double-switch wiring light fitting (Only CEI version) .

IP40



luce diretta/indiretta > *direct/indirect light*

11 ○ 12 ● 21 ● 31 ●

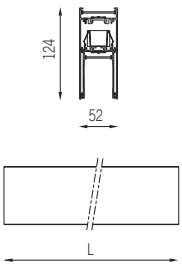
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3645-XX	**16+12W LED**	●	●			⏚	2150+1600	610+1300	●	3000	80	563	2,10
A3645-31	**16+12W LED**	●	●			⏚	2150+1600	610+1300	●	3000	80	563	2,10
A3646-XX	**16+12W LED**	●	●			⏚	2350+1800	640+1400	●	4000	80	563	2,10
A3646-31	**16+12W LED**	●	●			⏚	2350+1800	640+1400	●	4000	80	563	2,10
A3648-XX	**24+20W LED**	●	●			⏚	3250+2700	920+2200	●	3000	80	843	2,90
A3648-31	**24+20W LED**	●	●			⏚	3250+2700	920+2200	●	3000	80	843	2,90
A3649-XX	**24+20W LED**	●	●			⏚	3550+3000	960+2300	●	4000	80	843	2,90
A3649-31	**24+20W LED**	●	●			⏚	3550+3000	960+2300	●	4000	80	843	2,90
A3651-XX *	**32+28W LED**	●	●	●	●	⏚	4350+3800	1230+3050	●	3000	80	1123	3,60
A3651-31 *	**32+28W LED**	●	●	●	●	⏚	4350+3800	1230+3050	●	3000	80	1123	3,60
A3652-XX *	**32+28W LED**	●	●	●	●	⏚	4700+4100	1280+3200	●	4000	80	1123	3,60
A3652-31 *	**32+28W LED**	●	●	●	●	⏚	4700+4100	1280+3200	●	4000	80	1123	3,60
A3654-XX *	**40+36W LED**	●	●	●	●	⏚	5400+4800	1540+3950	●	3000	80	1403	4,30
A3654-31 *	**40+36W LED**	●	●	●	●	⏚	5400+4800	1540+3950	●	3000	80	1403	4,30
A3655-XX *	**40+36W LED**	●	●	●	●	⏚	5900+4900	1600+4100	●	4000	80	1403	4,30
A3655-31 *	**40+36W LED**	●	●	●	●	⏚	5900+4900	1600+4100	●	4000	80	1403	4,30
									11 ○	12 ●	21 ●		
A3953-XX *	**64+60W LED**	●	●	●	●	⏚	8600+8050	2450+6540	●	3000	80	2246	6,60
A3954-XX *	**64+60W LED**	●	●	●	●	⏚	9400+8050	2650+7200	●	4000	80	2246	6,60
A3956-XX *	**80+76W LED**	●	●	●	●	⏚	10750+10200	3050+8300	●	3000	80	2806	7,80
A3957-XX *	**80+76W LED**	●	●	●	●	⏚	11750+11200	3300+9100	●	4000	80	2806	7,80



UGR<19

Ottica GC nera.
Black GC optic.

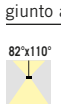




giuntо angolare > *elbow joint* 11 ○ 12 ● 21 ●

A3657-XX	**32+32W LED**	●	●			⏚	4350+4350	1230+3300	●	3000	80	600x600	3,90
A3658-XX	**32+32W LED**	●	●			⏚	4700+4700	1280+3600	●	4000	80	600x600	3,90

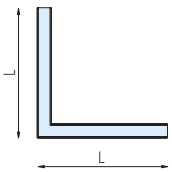




LED

* Apparecchio con cablaggio in doppia accensione (solo per versioni CEI).
Double-switch wiring light fitting (Only CEI version) .

IP40



APPLICATION

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 45).
SUSPENDED INSTALLATION: accessories needed (see page 45).



UGR<19

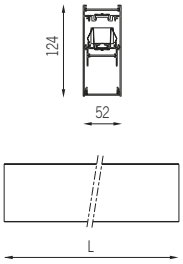
Con schermo trasparente microprismatizzato a filo.
With transparent microprismatic flush diffuser.

luce diretta/indiretta > *direct/indirect light*

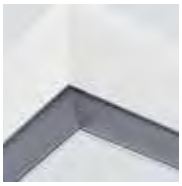
11 ○ 12 ● 21 ● 31 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A4018-XX *	**18+14W LED**	●	●	●	●	⏚	2450+1850	1850+1200	●	3000	80	1123	4,20
A4018-31 *	**18+14W LED**	●	●	●	●	⏚	2450+1850	1850+1200	●	3000	80	1123	4,20
A4019-XX *	**18+14W LED**	●	●	●	●	⏚	2500+1900	1900+1250	●	4000	80	1123	4,20
A4019-31 *	**18+14W LED**	●	●	●	●	⏚	2500+1900	1900+1250	●	4000	80	1123	4,20
A4021-XX *	**22+18W LED**	●	●	●	●	⏚	3050+2450	2300+1600	●	3000	80	1403	5,00
A4021-31 *	**22+18W LED**	●	●	●	●	⏚	3050+2450	2300+1600	●	3000	80	1403	5,00
A4022-XX *	**22+18W LED**	●	●	●	●	⏚	3100+2500	2350+1750	●	4000	80	1403	5,00
A4022-31 *	**22+18W LED**	●	●	●	●	⏚	3100+2500	2350+1750	●	4000	80	1403	5,00
									11 ○	12 ●	21 ●		
A4024-XX *	**36+28W LED**	●	●	●	●	⏚	4900+3550	3700+2400	●	3000	80	2246	7,60
A4025-XX *	**36+28W LED**	●	●	●	●	⏚	5000+3750	3750+2500	●	4000	80	2246	7,60
A4027-XX *	**45+36W LED**	●	●	●	●	⏚	6100+4900	4600+3200	●	3000	80	2806	9,40
A4028-XX *	**45+36W LED**	●	●	●	●	⏚	6250+5000	4700+3500	●	4000	80	2806	9,40

82°x110°
56°x58°



11 ○ 12 ● 21 ●



giunto angolare > *elbow joint*

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
A4030-XX	**22+22W LED**	●	●			⏚	3550+2450	1850+2000	●	3000	80	600x600	4,20
A4031-XX	**22+22W LED**	●	●			⏚	3750+2500	1900+2150	●	4000	80	600x600	4,20

82°x110°
56°x58°

LED

* Apparecchio con cablaggio in doppia accensione (solo per versioni CEI).
Double-switch wiring light fitting (Only CEI version) .

IP40

APPLICATION

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 45).
SUSPENDED INSTALLATION: accessories needed (see page 45).



MODULO STRUTTURALE luce diretta/indiretta > *STRUCTURAL MODULE direct/indirect light*

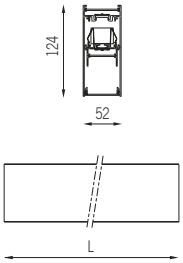
11 ○ 12 ● 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
A3973-XX	**28W LED**	●	●			⏚	3800	3050	●	3000	80	1123	2,10
A3974-XX	**28W LED**	●	●			⏚	4100	3200	●	4000	80	1123	2,10
A3976-XX	**36W LED**	●	●			⏚	4900	3950	●	3000	80	1403	3,30
A3977-XX	**36W LED**	●	●			⏚	5300	4100	●	4000	80	1403	3,30

82°x110°

LED

IP40



accessori luce diretta/indiretta > *direct/indirect light accessories*





Code		Kg
A3697		0,15

Giunto lineare a scomparsa in acciaio zincato.
Galvanized steel hidden linear joint.



11 ○
12 ●

Per versioni dali-emergenza eusare un rosone codice A3693 e un rosone codice A3694.
Use cable cup code A3693 and A3694 for dali-emergency versions.

Code		Wiring	Kg
A3693	3x0,75 mmq	**CEI**	0,34
A3694	5x0,75 mmq	**DALI, CEI-EM**	0,34
A3693 + A3694	3+5x0,75mmq	**DALI-EM**	0,68

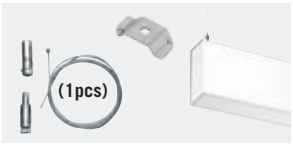
Sospensione elettrificata con rosone in tecnopolimero e fune d'acciaio 1,5m.
Electrical suspension with engineering plastic cable cup and steel cable (1.5m).



11 ○
12 ●

Code		Kg
A3696		0,34

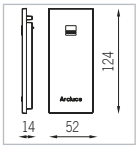
Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m).
Engineering plastic suspension with steel cable (1.5m).



Code		Kg
A3695		0,15

Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica per versione a luce diretta/indiretta.
Suspension with steel cable (1.5m) with millimetric adjustment wiring for direct/indirect light version.



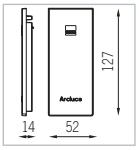


11 ○
12 ●
21 ●
31 ●

Code		Kg
A3691-XX		0,22
A3691-31		0,22

Testata finale in zama pressofusa per versioni a luce diretta **con schermo sporgente**.
*Die-cast zamak end cap for direct light version **with relief screen**.*



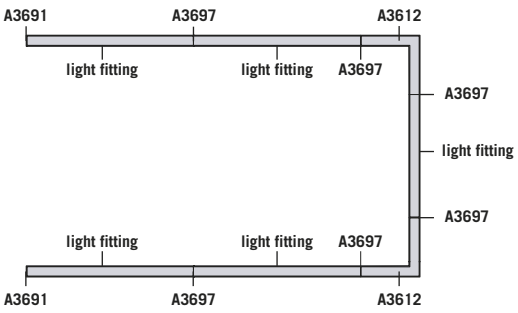


11 ○
12 ●
21 ●
31 ●

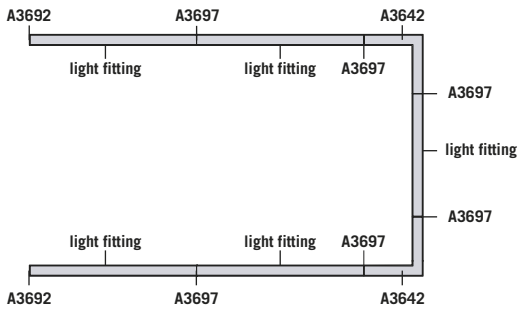
Code		Kg
A3692-XX		0,21
A3692-31		0,21

Testata finale in zama pressofusa per versioni luce diretta **con schermo a filo, wallwasher o GCO**.
*Die-cast zamak end cap for direct light version **with flush screen, wallwasher or GCO**.*

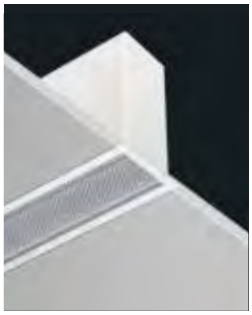
VERSIONE CON SCHERMO SPORGENTE
RELIEF SCREEN VERSION



VERSIONI CON SCHERMO A FILO, WALLWASHER O OTTICA NERA
FLUSH SCREEN, WALLWASHER OR DARK OPTIC VERSIONS







RIGO-IN50

LINEA CONTINUA
CONTINUOS LINE

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofusa.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Lenti LED in PMMA.
Doppio schermo: in policarbonato microprismatizzato trasparente o opale e in PMMA opale.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 152lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
Lunga vita utile del LED: > 50000h con L80B10.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Passacavo per entrata singola dei cavi d'alimentazione.
Fissaggio tramite staffe in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI DA ORDINARE SEPARATAMENTE.

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
PMMA lenses for LEDs.
Double screen: clear or opal microprismatic polycarbonate and opal PMMA.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 152lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
LED life time: >50000h with L80B10.
High colour consistency: <3 SDCM.

Installation
Wall mounted.
Die-cast aluminium control gear box.
Grommet for single cable entry.
Galvanized steel base plate.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

END CAPS INCLUDED.

Accessori, vedi pag. 49.
Accessories, see page 49.

FAST INSTALLATION

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

La versione con cornice completa la gamma del sistema RIGO50 per offrire tutte le possibili soluzioni applicative. RIGO-IN50 è indicato esclusivamente da incasso, a **soffitto** e **parete**.
*The framed version completes RIGO50 range to cover all the possible application needs. RIGO-IN50 is suitable for recessed mount only, both for **ceiling** and **wall**.*



SCHERMO MICROPRISMATIZZATO A FILO
FLUSH CLEAR PRISMATIC SCREEN

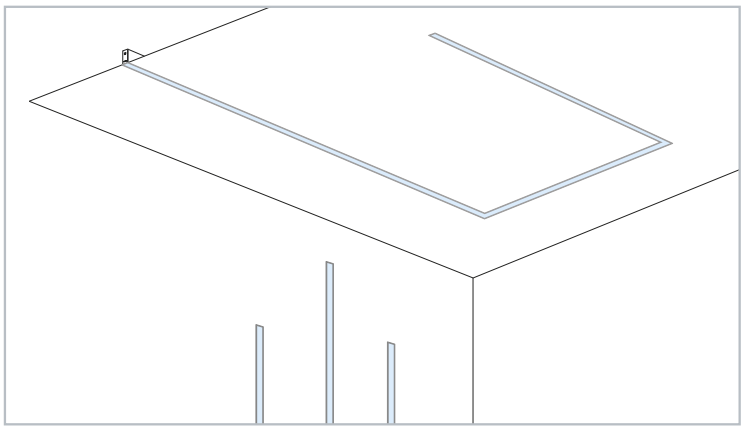


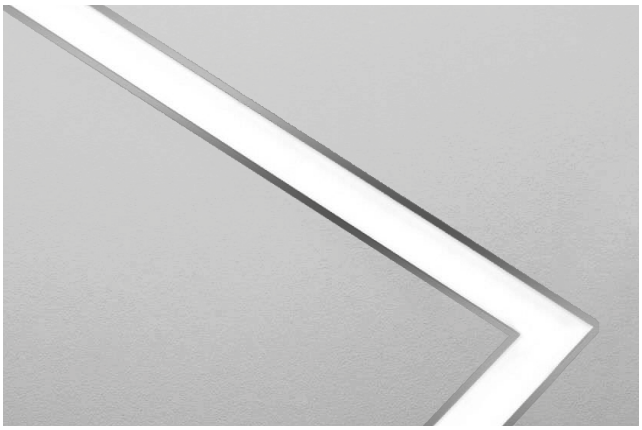
SCHERMO OPALE A FILO
FLUSH OPAL SCREEN



OTTICA GC NERA
BLACK GC OPTIC

INSTALLAZIONE A INCASSO CON CORNICE
RECESSED MOUNTING TRIMMED





A RICHIESTA: VERSIONI CON LUCE BIANCA DINAMICA (vedi pagina 50) > ***ON REQUEST: TUNABLE WHITE VERSIONS*** *(see page 50).*

APPLICATION



INSTALLAZIONE DA INCASSO CON CORNICE: richiesto l'utilizzo di accessori (vedi pagina 49).
FRAMED RECESSED INSTALLATION: accessories needed (see page 49).



Con schermo trasparente microprismatizzato a filo.
With transparent microprismatic flush diffuser.

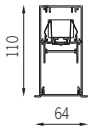
luce diretta incasso con cornice > *framed recessed direct light*

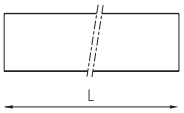
11 ○ 12 ● 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
I5100	16W LED	●	●			⏚	2150	940	●	3000	80	563	1,70
I5101	16W LED	●	●			⏚	2350	1030	●	4000	80	563	1,70
I5103	24W LED	●	●			⏚	3250	1410	●	3000	80	843	2,40
I5104	24W LED	●	●			⏚	3550	1540	●	4000	80	843	2,40
I5106	32W LED	●	●	●	●	⏚	4350	1910	●	3000	80	1123	3,00
I5107	32W LED	●	●	●	●	⏚	4700	2060	●	4000	80	1123	3,00
I5109	40W LED	●	●	●	●	⏚	5400	2360	●	3000	80	1403	3,60
I5110	40W LED	●	●	●	●	⏚	5900	2580	●	4000	80	1403	3,60
I5218	64W LED	●	●	●	●	⏚	8600	3750	●	3000	80	2246	5,50
I5219	64W LED	●	●	●	●	⏚	9400	4100	●	4000	80	2246	5,50
I5221	80W LED	●	●	●	●	⏚	10750	4700	●	3000	80	2806	6,70
I5222	80W LED	●	●	●	●	⏚	11750	5150	●	4000	80	2806	6,70



85°x70°





giunto angolare > *elbow joint*



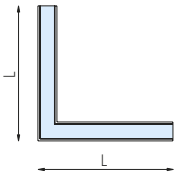
I5112	32W LED	●	●			⏚	4350	1910	●	3000	80	606x606	3,10
I5113	32W LED	●	●			⏚	4700	2060	●	4000	80	606x606	3,10



85°x70°

LED

IP20



APPLICATION



INSTALLAZIONE DA INCASSO CON CORNICE: richiesto l'utilizzo di accessori (vedi pagina 49).
FRAMED RECESSED INSTALLATION: accessories needed (see page 49).



Con schermo opale a filo.
With opal flush diffuser.

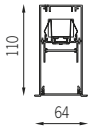
luce diretta incasso con cornice > *framed recessed direct light*

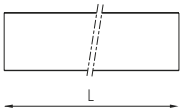
11 ○ 12 ● 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
I5115	16W LED	●	●			⏚	2150	630	●	3000	80	563	1,70
I5116	16W LED	●	●			⏚	2350	690	●	4000	80	563	1,70
I5118	24W LED	●	●			⏚	3250	950	●	3000	80	843	2,40
I5119	24W LED	●	●			⏚	3550	1040	●	4000	80	843	2,40
I5121	32W LED	●	●	●	●	⏚	4350	1280	●	3000	80	1123	3,00
I5122	32W LED	●	●	●	●	⏚	4700	1380	●	4000	80	1123	3,00
I5124	40W LED	●	●	●	●	⏚	5400	1590	●	3000	80	1403	3,60
I5125	40W LED	●	●	●	●	⏚	5900	1740	●	4000	80	1403	3,60
I5224	64W LED	●	●	●	●	⏚	8600	2500	●	3000	80	2246	5,50
I5225	64W LED	●	●	●	●	⏚	9400	2750	●	4000	80	2246	5,50
I5227	80W LED	●	●	●	●	⏚	10750	3150	●	3000	80	2806	6,70
I5228	80W LED	●	●	●	●	⏚	11750	3450	●	4000	80	2806	6,70



111°x 111°





giunto angolare > *elbow joint*



I5127	32W LED	●	●			⏚	4350	1280	●	3000	80	606x606	3,10
I5128	32W LED	●	●			⏚	4700	1380	●	4000	80	606x606	3,10

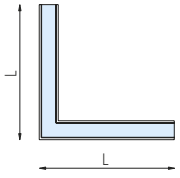


111°x 111°



LED

IP20



APPLICATION



INSTALLAZIONE DA INCASSO CON CORNICE: richiesto l'utilizzo di accessori (vedi pagina 49).
FRAMED RECESSED INSTALLATION: accessories needed (see page 49).



Ottica GC nera.
Black GC optic.

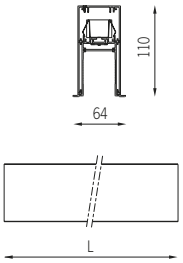
luce diretta incasso con cornice > *framed recessed direct light*

11 ○ 12 ● 21 ●

moduli apparecchio > *modular light fittings*

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
I5130	16W LED	●	●			⏚	2150	610	●	3000	80	563	1,80
I5131	16W LED	●	●			⏚	2350	640	●	4000	80	563	1,80
I5133	24W LED	●	●			⏚	3250	920	●	3000	80	843	2,50
I5134	24W LED	●	●			⏚	3550	960	●	4000	80	843	2,50
I5136	32W LED	●	●	●	●	⏚	4350	1230	●	3000	80	1123	3,10
I5137	32W LED	●	●	●	●	⏚	4700	1280	●	4000	80	1123	3,10
I5139	40W LED	●	●	●	●	⏚	5400	1540	●	3000	80	1403	3,70
I5140	40W LED	●	●	●	●	⏚	5900	1600	●	4000	80	1403	3,70
I5230	64W LED	●	●	●	●	⏚	8600	2450	●	3000	80	2246	5,60
I5231	64W LED	●	●	●	●	⏚	9400	2650	●	4000	80	2246	5,60
I5233	80W LED	●	●	●	●	⏚	10750	3050	●	3000	80	2806	6,90
I5234	80W LED	●	●	●	●	⏚	11750	3300	●	4000	80	2806	6,90

36°x96°





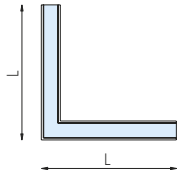
giunto angolare > *elbow joint*

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
I5142	32W LED	●	●			⏚	4350	1230	●	3000	80	606x606	3,20
I5143	32W LED	●	●			⏚	4700	1280	●	4000	80	606x606	3,20

36°x96°

LED

IP20



APPLICATION



INSTALLAZIONE DA INCASSO CON CORNICE: richiesto l'utilizzo di accessori (vedi pagina 49).
FRAMED RECESSED INSTALLATION: accessories needed (see page 49).

luce diretta incasso con cornice > *framed recessed direct light*

11 ○ 12 ● 21 ●

moduli apparecchio > *modular light fittings*

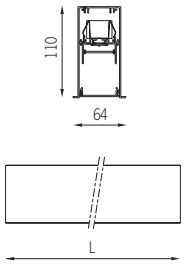
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
I5200	18W LED	●	●	●	●	⏚	2450	1850	●	3000	80	1123	3,60
I5201	18W LED	●	●	●	●	⏚	2500	1900	●	4000	80	1123	3,60
I5203	22W LED	●	●	●	●	⏚	3550	2650	●	3000	80	1403	4,20
I5204	22W LED	●	●	●	●	⏚	3750	2800	●	4000	80	1403	4,20
I5206	36W LED	●	●	●	●	⏚	4900	3700	●	3000	80	2246	6,60
I5207	36W LED	●	●	●	●	⏚	5000	3750	●	4000	80	2246	6,60
I5209	45W LED	●	●	●	●	⏚	6100	4600	●	3000	80	2806	8,10
I5210	45W LED	●	●	●	●	⏚	6250	4700	●	4000	80	2806	8,10

56°x58°



UGR<19

Con schermo trasparente microprismatizzato a filo.
With transparent microprismatic flush diffuser.



giunto angolare > *elbow joint*

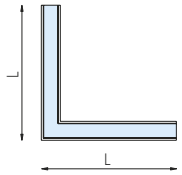
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
I5212	18W LED	●	●			⏚	2450	1850	●	3000	80	606x606	3,60
I5213	18W LED	●	●			⏚	2500	1900	●	4000	80	606x606	3,60

56°x58°

LED

IP20





APPLICATION



INSTALLAZIONE DA INCASSO CON CORNICE: richiesto l'utilizzo di accessori (vedi pagina 49).
FRAMED RECESSED INSTALLATION: accessories needed (see page 49).



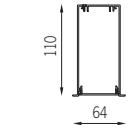
MODULO STRUTTURALE > *STRUCTURAL MODULE*

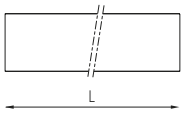
11 ○ 12 ● 21 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*										
I5187		●	⏚						1123	1,80
I5188		●	⏚						1403	3,30

LED

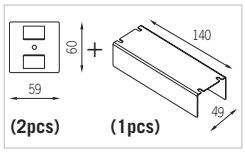
IP20





accessori > *accessories*

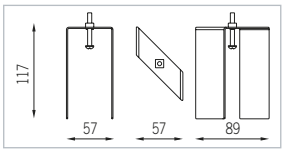




Code		Kg
A3697	●	0,15

Giunto lineare a scomparsa in acciaio zincato.
Galvanized steel hidden linear joint.

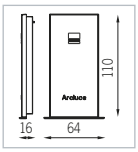




Code		Kg
I5199	●	0,20

Staffa di fissaggio in acciaio zincato senza viti per incasso in controsoffitti di cartongesso (non adatta per montaggio verticale e incasso trimless).
Non richiede stuccatura.
Mounting bracket in galvanized steel without screws for installation in plasterboard ceilings (not suitable for vertical mounting and recessed trimless).
It does not require plastering.



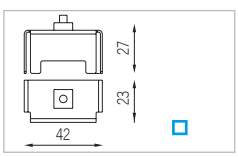


11 ○
12 ●
21 ●

Code		Kg
I5198	●	0,10

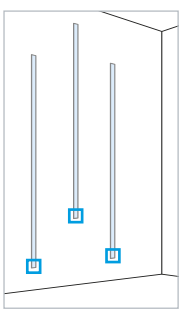
Testata finale in zama pressofusa.
Die-cast zamak end cap.

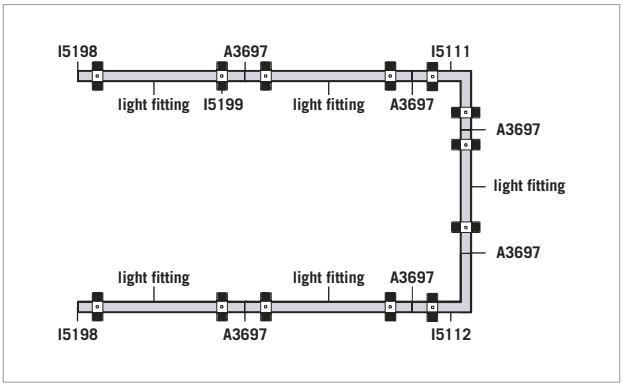




Code		Kg
I5196	●	0,02

Staffa anti-slittamento in acciaio zincato per montaggio verticale.
Anti-slip bracket made of galvanized steel for vertical mounting.





LUCE BIANCA DINAMICA
TUNABLE WHITE VERSIONS

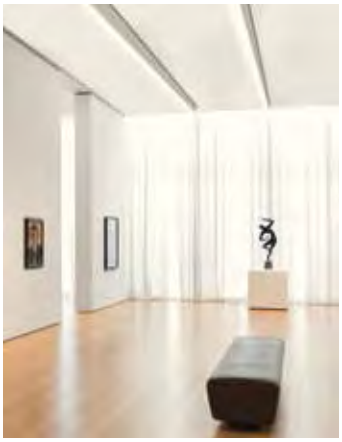
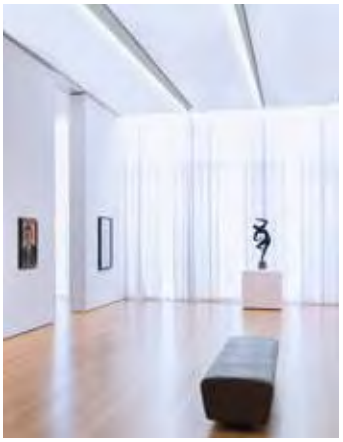
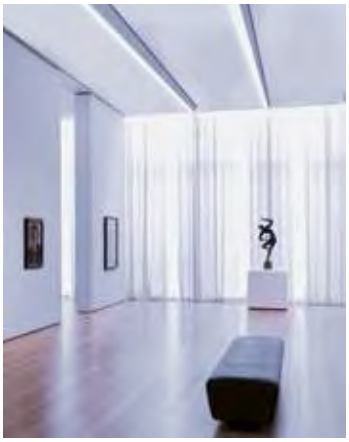
Questa tecnologia LED permette agli utenti di modificare la temperatura di colore della luce durante la giornata.
Il range della temperatura di colore può variare da 2500K a 7000K e coprire gradualmente sia le temperature calde che fredde.
Il bianco dinamico è una regolazione dinamica della luce che segue sia la luce naturale che le necessità dell'ambiente in cui ci troviamo.
È stato concepito per portare benefici visivi, biologici ed emozionali agli utenti nelle loro attività quotidiane, per esempio una concentrazione maggiore in ufficio, più relax e comfort in una stanza di hotel.

This LED technology enables users to adjust the color temperature during the entire day. The range of color temperature could vary from 2500K to 7000K and gradually cover both warm and cool temperatures.
Tunable white is a dynamic adjustment of the light in line with both natural daylight and setting requirements.
It has been conceived to bring visual, biological and emotional benefits to the users in their daily activities, i.e. longer and deeper concentration in an office, more relax and comfort in a hotel room.

FAST INSTALLATION

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.



Con schermo trasparente microprismatizzato sporgente.
With transparent microprismatic relief diffuser.



luce diretta > *direct light*

11 ○ 12 ● 21 ●

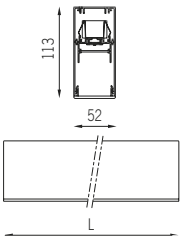
Code	WATT	DALI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*											
A4040	36W LED	●		⏚	4000	1700	●	TW-RGB	90	1123	2,40
A4041	45W LED	●		⏚	5000	2100	●	TW-RGB	90	1403	3,00
A4042	72W LED	●		⏚	8000	3400	●	TW-RGB	90	2246	5,50
giunto angolare > *elbow joint*											
A4043	36W LED	●		⏚	4000	1680	●	TW-RGB	90	600x600	3,10
giunto angolare soffitto-parete > *elbow joint ceiling-wall*											
A4044	36W LED	●		⏚	4000	1680	●	TW-RGB	90	650x650	3,30

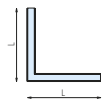
58°x86°

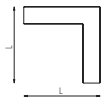
LED

Accessori, vedi pag. 41.
Accessories, see page 41.

IP20







luce diretta > *direct light*

11 ○ 12 ● 21 ●



Con schermo trasparente microprismatizzato a filo.
With transparent microprismatic flush diffuser.

Code	WATT	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*										
A4045	36W LED	●	⏚	4000	1750	●	TW-RGB	90	1123	2,40
A4046	45W LED	●	⏚	5000	2200	●	TW-RGB	90	1403	3,00
A4047	72W LED	●	⏚	8000	3500	●	TW-RGB	90	2246	5,50

60°x82°



A4048	36W LED	●	⏚	4000	1750	●	TW-RGB	90	600x600	3,10

60°x82°

giunto angolare soffitto-parete > *elbow joint ceiling-wall*



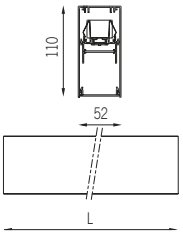
A4049	36W LED	●	⏚	4000	1750	●	TW-RGB	90	650x650	3,30

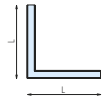
60°x82°

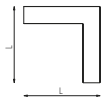
LED

Accessori, vedi pag. 41.
Accessories, see page 41.

IP20







luce diretta > *direct light*

11 ○ 12 ● 21 ●



Con schermo opale a filo.
With opal flush diffuser.

Code	WATT	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*										
A4050	36W LED	●	⏚	4000	1200	●	TW-RGB	90	1123	2,40
A4051	45W LED	●	⏚	5000	1500	●	TW-RGB	90	1403	3,00
A4052	72W LED	●	⏚	8000	2300	●	TW-RGB	90	2246	5,50

111°x 111°

giunto angolare > *elbow joint*



A4053	36W LED	●	⏚	4000	1200	●	TW-RGB	90	600x600	3,10

111°x 111°

giunto angolare soffitto-parete > *elbow joint ceiling-wall*



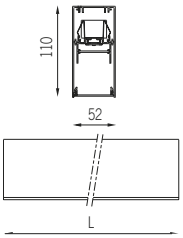
A4054	36W LED	●	⏚	4000	1200	●	TW-RGB	90	650x650	3,30

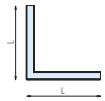
111°x 111°

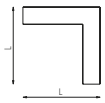
LED

Accessori, vedi pag. 41.
Accessories, see page 41.

IP20







luce diretta incasso con cornice > *framed recessed direct light*

11 ○ 12 ● 21 ●



Con schermo trasparente microprismatizzato a filo.
With transparent microprismatic flush diffuser.

Code	WATT	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*										
I5240	36W LED	●	⏚	4000	1750	●	TW-RGB	90	1123	2,40
I5241	45W LED	●	⏚	5000	2200	●	TW-RGB	90	1403	3,00
I5242	72W LED	●	⏚	8000	3500	●	TW-RGB	90	2246	5,50

85°x70°

giunto angolare > *elbow joint*



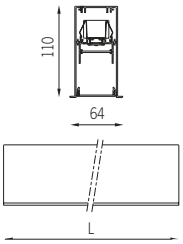
I5243	36W LED	●	⏚	4000	1750	●	TW-RGB	90	606x606	3,10

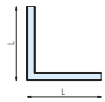
85°x70°

LED

Accessori, vedi pag. 49.
Accessories, see page 49.

IP20





luce diretta incasso con cornice > *framed recessed direct light*

11 ○ 12 ● 21 ●



Con schermo opale a filo.
With opal flush diffuser.

Code	WATT	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*										
I5244	36W LED	●	⏚	4000	1200	●	TW-RGB	90	1123	2,40
I5245	45W LED	●	⏚	5000	1500	●	TW-RGB	90	1403	3,00
I5246	72W LED	●	⏚	8000	2300	●	TW-RGB	90	2246	5,50

111°x 111°

giunto angolare > *elbow joint*



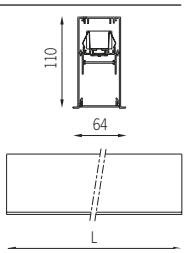
I5247	36W LED	●	⏚	4000	1200	●	TW-RGB	90	606x606	3,10

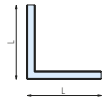
111°x 111°

LED

Accessori, vedi pag. 49.
Accessories, see page 49.

IP20







RIGO50
A PARETE
WALL MOUNTING

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofusa.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Lenti LED in PMMA.
Doppio schermo: in policarbonato microprismatizzato trasparente o opale e in PMMA opale.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 152lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
Lunga vita utile del LED: > 50000h con L80B10.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione a parete.
Cassetta di cablaggio in alluminio pressofuso.
Passacavo per entrata singola dei cavi d'alimentazione.
Basetta di fissaggio in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI INCLUSE.

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
PMMA lenses for LEDs.
Double screen: clear or opal microprismatic polycarbonate and opal PMMA.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 152lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
LED life time: >50000h with L80B10.
High colour consistency: <3 SDCM.

Installation
Wall mounted.
Die-cast aluminium control gear box.
Grommet for single cable entry.
Galvanized steel base plate.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

END CAPS INCLUDED.

FAST INSTALLATION

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.



SCHERMO MICROPRISMATIZZATO A FILO
FLUSH CLEAR PRISMATIC SCREEN



SCHERMO OPALE A FILO
FLUSH OPAL SCREEN



OTTICA GC NERA
BLACK GC OPTIC



versione a parete > *wall mounting*

11 ○ 12 ● 21 ● 31 ●

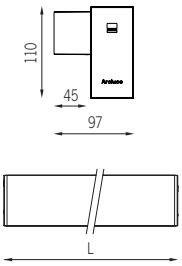


Con schermo trasparente microprismatizzato a filo.
With transparent microprysmatic flush diffuser.

luce diretta > *direct light*

66°x82°

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
A3700-XX	**8W LED**	●	●			⏚	1100	470	●	3000	80	293	1,50
A3700-31	**8W LED**	●	●			⏚	1100	470	●	3000	80	293	1,50
A3701-XX	**8W LED**	●	●			⏚	1200	510	●	4000	80	293	1,50
A3701-31	**8W LED**	●	●			⏚	1200	510	●	4000	80	293	1,50
A3703-XX	**16W LED**	●	●			⏚	2150	940	●	3000	80	573	2,10
A3703-31	**16W LED**	●	●			⏚	2150	940	●	3000	80	573	2,10
A3704-XX	**16W LED**	●	●			⏚	2350	1030	●	4000	80	573	2,10
A3704-31	**16W LED**	●	●			⏚	2350	1030	●	4000	80	573	2,10
A3706-XX	**24W LED**	●	●			⏚	3250	1410	●	3000	80	853	2,70
A3706-31	**24W LED**	●	●			⏚	3250	1410	●	3000	80	853	2,70
A3707-XX	**24W LED**	●	●			⏚	3550	1540	●	4000	80	853	2,70
A3707-31	**24W LED**	●	●			⏚	3550	1540	●	4000	80	853	2,70
A3709-XX	**32W LED**	●	●	●	●	⏚	4350	1910	●	3000	80	1133	3,30
A3709-31	**32W LED**	●	●	●	●	⏚	4350	1910	●	3000	80	1133	3,30
A3710-XX	**32W LED**	●	●	●	●	⏚	4700	2060	●	4000	80	1133	3,30
A3710-31	**32W LED**	●	●	●	●	⏚	4700	2060	●	4000	80	1133	3,30





Con schermo opale a filo.
With opal flush diffuser.

luce diretta > *direct light*

111°x 111°

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
A3712-XX	**8W LED**	●	●			⏚	1100	310	●	3000	80	293	1,50
A3712-31	**8W LED**	●	●			⏚	1100	310	●	3000	80	293	1,50
A3713-XX	**8W LED**	●	●			⏚	1200	340	●	4000	80	293	1,50
A3713-31	**8W LED**	●	●			⏚	1200	340	●	4000	80	293	1,50
A3715-XX	**16W LED**	●	●			⏚	2150	630	●	3000	80	573	2,10
A3715-31	**16W LED**	●	●			⏚	2150	630	●	3000	80	573	2,10
A3716-XX	**16W LED**	●	●			⏚	2350	690	●	4000	80	573	2,10
A3716-31	**16W LED**	●	●			⏚	2350	690	●	4000	80	573	2,10
A3718-XX	**24W LED**	●	●			⏚	3250	950	●	3000	80	853	2,70
A3718-31	**24W LED**	●	●			⏚	3250	950	●	3000	80	853	2,70
A3719-XX	**24W LED**	●	●			⏚	3550	1040	●	4000	80	853	2,70
A3719-31	**24W LED**	●	●			⏚	3550	1040	●	4000	80	853	2,70
A3721-XX	**32W LED**	●	●	●	●	⏚	4350	1280	●	3000	80	1133	3,30
A3721-31	**32W LED**	●	●	●	●	⏚	4350	1280	●	3000	80	1133	3,30
A3722-XX	**32W LED**	●	●	●	●	⏚	4700	1380	●	4000	80	1133	3,30
A3722-31	**32W LED**	●	●	●	●	⏚	4700	1380	●	4000	80	1133	3,30



Ottica GC nera.
Black GC optic.

luce diretta > *direct light*

36°x96°

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
A3724-XX	**8W LED**	●	●			⏚	1100	430	●	3000	80	293	1,60
A3724-31	**8W LED**	●	●			⏚	1100	430	●	3000	80	293	1,60
A3725-XX	**8W LED**	●	●			⏚	1200	470	●	4000	80	293	1,60
A3725-31	**8W LED**	●	●			⏚	1200	470	●	4000	80	293	1,60
A3727-XX	**16W LED**	●	●			⏚	2150	840	●	3000	80	573	2,20
A3727-31	**16W LED**	●	●			⏚	2150	840	●	3000	80	573	2,20
A3728-XX	**16W LED**	●	●			⏚	2350	920	●	4000	80	573	2,20
A3728-31	**16W LED**	●	●			⏚	2350	920	●	4000	80	573	2,20
A3730-XX	**24W LED**	●	●			⏚	3250	1250	●	3000	80	853	2,80
A3730-31	**24W LED**	●	●			⏚	3250	1250	●	3000	80	853	2,80
A3731-XX	**24W LED**	●	●			⏚	3550	1400	●	4000	80	853	2,80
A3731-31	**24W LED**	●	●			⏚	3550	1400	●	4000	80	853	2,80
A3733-XX	**32W LED**	●	●	●	●	⏚	4350	1700	●	3000	80	1133	3,40
A3733-31	**32W LED**	●	●	●	●	⏚	4350	1700	●	3000	80	1133	3,40
A3734-XX	**32W LED**	●	●	●	●	⏚	4700	1850	●	4000	80	1133	3,40
A3734-31	**32W LED**	●	●	●	●	⏚	4700	1850	●	4000	80	1133	3,40

LED

IP40

versione a parete > *wall mounting*

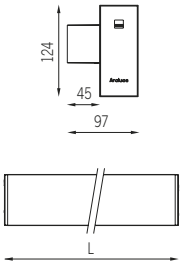
11 ○ 12 ● 21 ● 31 ●



Con schermo trasparente microprismatizzato a filo.
With transparent microprysmatic flush diffuser.

luce diretta/indiretta > *direct/indirect light*

	Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
82°x110° / 66°x82°	A3748-XX	8+8W LED	●	●			⏚	1100+1100	470+850	●	3000	80	293	1,90
	A3748-31	8+8W LED	●	●			⏚	1100+1100	470+850	●	3000	80	293	1,90
	A3749-XX	8+8W LED	●	●			⏚	1200+1200	510+900	●	4000	80	293	1,90
	A3749-31	8+8W LED	●	●			⏚	1200+1200	510+900	●	4000	80	293	1,90
	A3751-XX	16+16W LED	●	●			⏚	2150+2150	940+1700	●	3000	80	573	2,60
	A3751-31	16+16W LED	●	●			⏚	2150+2150	940+1170	●	3000	80	573	2,60
	A3752-XX	16+16W LED	●	●			⏚	2350+2350	1030+1850	●	4000	80	573	2,60
	A3752-31	16+16W LED	●	●			⏚	2350+2350	1030+1850	●	4000	80	573	2,60
	A3754-XX	24+24W LED	●	●			⏚	3250+3250	1410+2550	●	3000	80	853	3,40
	A3754-31	24+24W LED	●	●			⏚	3250+3250	1410+2550	●	3000	80	853	3,40
	A3755-XX	24+24W LED	●	●			⏚	3550+3550	1540+2750	●	4000	80	853	3,40
	A3755-31	24+24W LED	●	●			⏚	3550+3550	1540+2750	●	4000	80	853	3,40
	A3757-XX	32+32W LED	●	●	●	●	⏚	4350+4350	1910+3400	●	3000	80	1133	4,10
	A3757-31	32+32W LED	●	●	●	●	⏚	4350+4350	1910+3400	●	3000	80	1133	4,10
	A3758-XX	32+32W LED	●	●	●	●	⏚	4700+4700	2060+3700	●	4000	80	1133	4,10
	A3758-31	32+32W LED	●	●	●	●	⏚	4700+4700	2060+3700	●	4000	80	1133	4,10





Con schermo opale a filo.
With opal flush diffuser.

luce diretta/indiretta > *direct/indirect light*

	Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
82°x110° / 111°x 111°	A3760-XX	8+8W LED	●	●			⏚	1100+1100	310+850	●	3000	80	293	1,90
	A3760-31	8+8W LED	●	●			⏚	1100+1100	310+850	●	3000	80	293	1,90
	A3761-XX	8+8W LED	●	●			⏚	1200+1200	330+900	●	4000	80	293	1,90
	A3761-31	8+8W LED	●	●			⏚	1200+1200	330+900	●	4000	80	293	1,90
	A3763-XX	16+16W LED	●	●			⏚	2150+2150	630+1700	●	3000	80	573	2,60
	A3763-31	16+16W LED	●	●			⏚	2150+2150	630+1700	●	3000	80	573	2,60
	A3764-XX	16+16W LED	●	●			⏚	2350+2350	690+1850	●	4000	80	573	2,60
	A3764-31	16+16W LED	●	●			⏚	2350+2350	690+1850	●	4000	80	573	2,60
	A3766-XX	24+24W LED	●	●			⏚	3250+3250	950+2550	●	3000	80	853	3,40
	A3766-31	24+24W LED	●	●			⏚	3250+3250	950+2550	●	3000	80	853	3,40
	A3767-XX	24+24W LED	●	●			⏚	3550+3550	1040+2750	●	4000	80	853	3,40
	A3767-31	24+24W LED	●	●			⏚	3550+3550	1040+2750	●	4000	80	853	3,40
	A3769-XX	32+32W LED	●	●	●	●	⏚	4350+4350	1280+3400	●	3000	80	1133	4,10
	A3769-31	32+32W LED	●	●	●	●	⏚	4350+4350	1280+3400	●	3000	80	1133	4,10
	A3770-XX	32+32W LED	●	●	●	●	⏚	4700+4700	1380+3700	●	4000	80	1133	4,10
	A3770-31	32+32W LED	●	●	●	●	⏚	4700+4700	1380+3700	●	4000	80	1133	4,10



Ottica GC nera.
Black GC optic.

luce diretta/indiretta > *direct/indirect light*

	Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
82°x110° / 36°x96°	A3772-XX	8+8W LED	●	●			⏚	1100+1100	310+850	●	3000	80	293	2,00
	A3772-31	8+8W LED	●	●			⏚	1100+1100	310+850	●	3000	80	293	2,00
	A3773-XX	8+8W LED	●	●			⏚	1200+1200	320+900	●	4000	80	293	2,00
	A3773-31	8+8W LED	●	●			⏚	1200+1200	320+900	●	4000	80	293	2,00
	A3775-XX	16+16W LED	●	●			⏚	2150+2150	610+1700	●	3000	80	573	2,70
	A3775-31	16+16W LED	●	●			⏚	2150+2150	610+1700	●	3000	80	573	2,70
	A3776-XX	16+16W LED	●	●			⏚	2350+2350	640+1850	●	4000	80	573	2,70
	A3776-31	16+16W LED	●	●			⏚	2350+2350	640+1850	●	4000	80	573	2,70
	A3778-XX	24+24W LED	●	●			⏚	3250+3250	920+2250	●	3000	80	853	3,50
	A3778-31	24+24W LED	●	●			⏚	3250+3250	920+2250	●	3000	80	853	3,50
	A3779-XX	24+24W LED	●	●			⏚	3550+3550	960+2750	●	4000	80	853	3,50
	A3779-31	24+24W LED	●	●			⏚	3550+3550	960+2750	●	4000	80	853	3,50
	A3781-XX	32+32W LED	●	●	●	●	⏚	4350+4350	1230+3400	●	3000	80	1133	4,20
	A3781-31	32+32W LED	●	●	●	●	⏚	4350+4350	1230+3400	●	3000	80	1133	4,20
	A3782-XX	32+32W LED	●	●	●	●	⏚	4700+4700	1280+3700	●	4000	80	1133	4,20
	A3782-31	32+32W LED	●	●	●	●	⏚	4700+4700	1280+3700	●	4000	80	1133	4,20

LED

IP40



RIGO-IN GCO50

MODULO SINGOLO
SINGLE MODULE

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofusa.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato nero, bianco o metalizzato ad alto vuoto.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 152lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80B10.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Passacavo per entrata singola dei cavi d'alimentazione.
Fissaggio tramite staffe in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Apparecchi installabili anche su pareti in cartongesso, legno o metallo con spessore da 1mm a 20mm.

TESTATE FINALI E STAFFE INCLUSE.

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
Reflector made of black, white or metalized in high-vacuum engineering plastic.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 152lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80B10.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Grommet for single cable entry.
Galvanized steel brackets.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Fixtures suitable for installation on plasterboard, wood or metal ceilings of thickness ranging between 1mm and 20mm.

END CAPS AND BRACKETS INCLUDED.

FAST INSTALLATION

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.



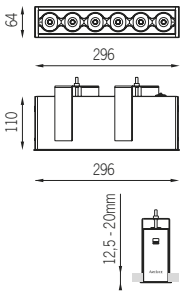
UGR<19

Ottica GC in tecnopolimero metallizzato.
Metalized engineering plastic GC optic.

incasso con bordo > *trimmed recessed mounting* — 11 ○ 21 ●

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio concentrante > *narrow beam*											
E1000	9W LED	●	●	⏚	530	450	●	3000	80	290	1,40
E1001	9W LED	●	●	⏚	550	460	●	4000	80	290	1,40
fascio medio > *medium beam*											
E1003	9W LED	●	●	⏚	530	420	●	3000	80	290	1,40
E1004	9W LED	●	●	⏚	550	440	●	4000	80	290	1,40

16°-16° / 36°-36° — LED — IP20





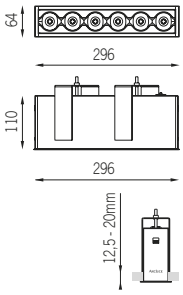
UGR<19

Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

incasso con bordo > *trimmed recessed mounting* — 11 ○ 12 ● 21 ●

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio diffondente > *wide beam*											
E1006	9W LED	●	●	⏚	530	210	●	3000	80	290	1,40
E1007	9W LED	●	●	⏚	550	220	●	4000	80	290	1,40

51°-58° — LED — IP20





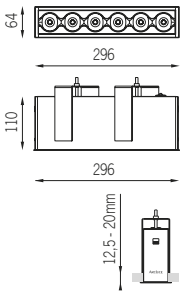
UGR<19

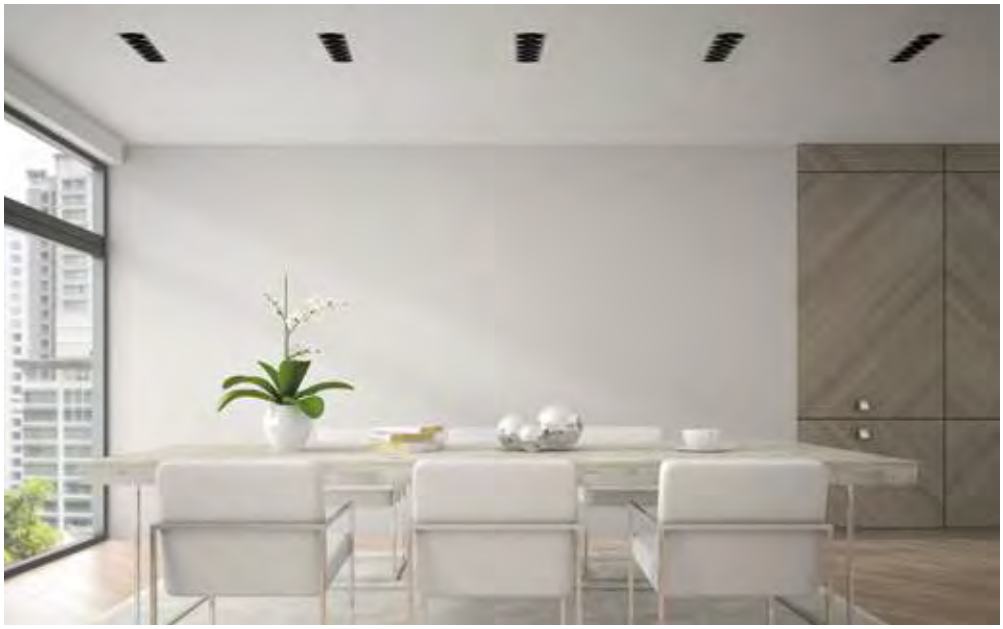
Ottica GC in tecnopolimero bianco.
White engineering plastic GC optic.

incasso con bordo > *trimmed recessed mounting* — 11 ○ 21 ●

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio diffondente > *wide beam*											
E1009	9W LED	●	●	⏚	530	360	●	3000	80	290	1,40
E1010	9W LED	●	●	⏚	550	370	●	3000	80	290	1,40

52°-60° — LED — IP20





incasso trimless > *trimless recessed mounting*

11



UGR<19

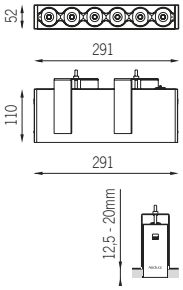
Ottica GC in tecnopolimero metallizzato.
Metalized engineering plastic GC optic.

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio concentrante > *narrow beam*											
E1012	**9W LED**	●	●	⏚	530	450	●	3000	80	290	1,40
E1013	**9W LED**	●	●	⏚	550	460	●	4000	80	290	1,40
fascio medio > *medium beam*											
E1015	**9W LED**	●	●	⏚	530	420	●	3000	80	290	1,40
E1016	**9W LED**	●	●	⏚	550	440	●	4000	80	290	1,40

16°-16° 36°-36°

LED

IP20



incasso trimless > *trimless recessed mounting*

11



UGR<19

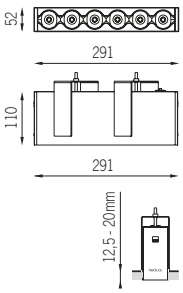
Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio diffondente > *wide beam*											
E1018	**9W LED**	●	●	⏚	530	210	●	3000	80	290	1,40
E1019	**9W LED**	●	●	⏚	550	220	●	4000	80	290	1,40

51°-58°

LED

IP20



incasso trimless > *trimless recessed mounting*

11



UGR<19

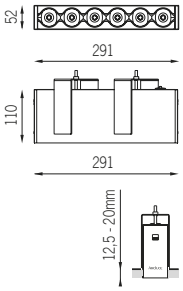
Ottica GC in tecnopolimero bianco.
White engineering plastic GC optic.

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio diffondente > *wide beam*											
E1021	**9W LED**	●	●	⏚	530	360	●	3000	80	290	1,40
E1022	**9W LED**	●	●	⏚	550	370	●	3000	80	290	1,40

52°-60°

LED

IP20





RIGO GCO50

LINEA CONTINUA
CONTINUOS LINE

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofuse.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Riflettori in policarbonato nero,bianco o metalizzato ad alto vuoto.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 133lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80B10.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso o a sospensione.
Cassetta di cablaggio in alluminio pressofuso.
Passacavo per entrata singola dei cavi d'alimentazione.
Fissaggio tramite staffe in acciaio zincato.
Sospensione con cavo in acciaio 1,5m.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI DA ORDINARE SEPARATAMENTE.

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Reflector made of black, white or metalized in high-vacuum engineering plastic.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 133lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80B10.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.

Installation
Recessed or suspended installation.
Die-cast aluminium control gear box.
Grommet for single cable entry.
Galvanized steel brackets.
Steel cable 1.5m for suspension.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

END CAPS TO BE ORDERED SEPARATELY.

Accessori, vedi pag. 58-59-60.
Accessories, see page 56-57-58.

FAST INSTALLATION

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

INSTALLAZIONE A INCASSO TRIMLESS
TRIMLESS INSTALLATION

INSTALLAZIONE A PLAFONE
CEILING INSTALLATION

INSTALLAZIONE A SOSPENSIONE
SUSPENDED INSTALLATION



OTTICA GC METALLIZZATA
METALIZED GC OPTIC

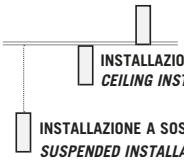


OTTICA GC NERA
BLACK GC OPTIC



OTTICA GC BIANCA
WHITE GC OPTIC

APPLICATION



INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 58-59-60.).
TRIMLESS INSTALLATION: accessories needed (see page 58-59-60).

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 58-59-60).
SUSPENDED INSTALLATION: accessories needed (see page 58-59-60).

luce diretta > *direct light*

11 ○ 12 ● 21 ● 31 ●

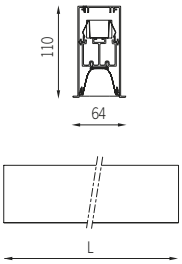


UGR<19

Ottica e testate da ordinare a parte, vedi pagina 58-59.
Optic and end cap to be ordered separately, see page 58-59.

moduli apparecchio > *modular light fittings*

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
A3800-XX	12W LED	●	●			⏚	1300		●	3000	80	563	1,60
A3800-31	12W LED	●	●			⏚	1300		●	3000	80	563	1,60
A3801-XX	12W LED	●	●			⏚	1400		●	4000	80	563	1,60
A3801-31	12W LED	●	●			⏚	1400		●	4000	80	563	1,60
A3803-XX	18W LED	●	●			⏚	2000		●	3000	80	843	2,30
A3803-31	18W LED	●	●			⏚	2000		●	3000	80	843	2,30
A3804-XX	18W LED	●	●			⏚	2100		●	4000	80	843	2,30
A3804-31	18W LED	●	●			⏚	2100		●	4000	80	843	2,30
A3806-XX	24W LED	●	●	●	●	⏚	2650		●	3000	80	1123	3,00
A3806-31	24W LED	●	●	●	●	⏚	2650		●	3000	80	1123	3,00
A3807-XX	24W LED	●	●	●	●	⏚	2750		●	4000	80	1123	3,00
A3807-31	24W LED	●	●	●	●	⏚	2750		●	4000	80	1123	3,00
A3809-XX	30W LED	●	●	●	●	⏚	3300		●	3000	80	1403	3,70
A3809-31	30W LED	●	●	●	●	⏚	3300		●	3000	80	1403	3,70
A3810-XX	30W LED	●	●	●	●	⏚	3750		●	4000	80	1403	3,70
A3810-31	30W LED	●	●	●	●	⏚	3750		●	4000	80	1403	3,70



LED

IP40

APPLICATION

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 58-59-60).
SUSPENDED INSTALLATION: accessories needed (see page 58-59-60).



UGR<19

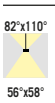
Ottica e testate da ordinare a parte, vedi pagina 56-57.
Optic and end cap to be ordered separately, see page 56-57.

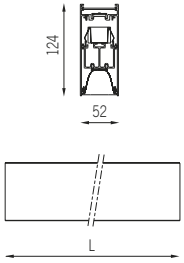
luce diretta/indiretta > *direct/indirect light*

11 ○ 12 ● 21 ● 31 ●

moduli apparecchio > *modular light fittings*

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
A3824-XX	12+12W LED	●	●				1300+2150		●	3000	80	563	1,90
A3824-31	12+12W LED	●	●				1300+2150		●	3000	80	563	1,90
A3825-XX	12+12W LED	●	●				1400+2350		●	4000	80	563	1,90
A3825-31	12+12W LED	●	●				1400+2350		●	4000	80	563	1,90
A3827-XX	18+20W LED	●	●				2000+3250		●	3000	80	843	2,70
A3827-31	18+20W LED	●	●				2000+3250		●	3000	80	843	2,70
A3828-XX	18+20W LED	●	●				2100+3550		●	4000	80	843	2,70
A3828-31	18+20W LED	●	●				2100+3550		●	4000	80	843	2,70
A3830-XX *	24+28W LED	●	●	●	●		2650+4350		●	3000	80	1123	3,50
A3830-31 *	24+28W LED	●	●	●	●		2650+4350		●	3000	80	1123	3,50
A3831-XX *	24+28W LED	●	●	●	●		2750+4700		●	4000	80	1123	3,50
A3831-31 *	24+28W LED	●	●	●	●		2750+4700		●	4000	80	1123	3,50
A3833-XX *	30+36W LED	●	●	●	●		3300+5400		●	3000	80	1403	4,30
A3833-31 *	30+36W LED	●	●	●	●		3300+5400		●	3000	80	1403	4,30
A3834-XX *	30+36W LED	●	●	●	●		3750+5900		●	4000	80	1403	4,30
A3834-31 *	30+36W LED	●	●	●	●		3750+5900		●	4000	80	1403	4,30





LED

* Apparecchio con cablaggio in doppia accensione (solo per versioni CEI).
Double-switch wiring light fitting (Only CEI version) .

IP20

accessori GCO > *GCO accessories*

Riflettore testa-coda. *End reflector.*



Riflettore linea continua. *Continous line reflector.*



L=563mm 2pcs

L=843mm 2+1pcs

L=1123mm 2+2pcs

L=1403mm 2+3pcs

installazione a linea continua > *continuos line installation*



ottica GC bianca > *white GC optic*

Riflettore testa-coda. *End reflector.*

Code		Kg
fascio largo > *wide beam*		
A3892	●	0,05



Riflettore linea continua. *Continous line reflector.*

Code		Kg
fascio largo > *wide beam*		
A3893	●	0,05



ottica GC metallizzata > *metallized GC optic*

Code		Kg
fascio stretto > *narrow beam*		
A3894	●	0,05
fascio medio > *medium beam*		
A3896	●	0,05



Code		Kg
fascio stretto > *narrow beam*		
A3895	●	0,05
fascio medio > *medium beam*		
A3897	●	0,05



ottica GC nera > *black GC optic*

Code		Kg
A3898	●	0,05





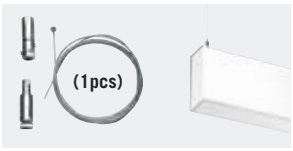
Code		Kg
A3899	●	0,05





accessori luce diretta > *direct light accessories*





Code		Kg
A1899		0,10

Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica per versione a luce diretta.
Suspension with steel cable (1.5m) with millimetric adjustment wiring for direct light version.



11 ○
12 ●

Per versioni dali-emergenza usare un rosone codice A3693 e un rosone codice A3694.
Use cable cup code A3693 and A3694 for dali-emergency versions.

Code		Wiring	Kg
A3693	3x0,75 mmq	**CEI**	0,34
A3694	5x0,75 mmq	**DALI, CEI-EM**	0,34
A3693 + A3694	3+5x0,75mmq	**DALI-EM**	0,68

Sospensione elettrificata con rosone in tecnopolimero e fune d'acciaio 1,5m.
Electrical suspension with engineering plastic cable cup and steel cable (1.5m).

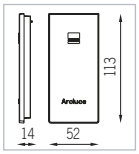


11 ○
12 ●

Code		Kg
A3696		0,34

Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m).
Engineering plastic suspension with steel cable (1.5m).



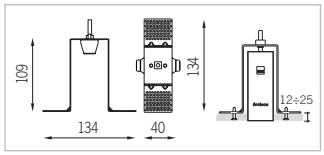


11 ○
12 ●
21 ●
31 ●

Code		Kg
A3689-XX		0,21
A3689-31		0,21

Testata finale in zama pressofusa.
Die-cast zamak end cap.

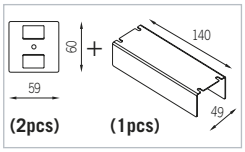




Code		Kg
I5197		0,21

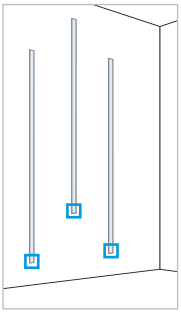
Staffa di fissaggio in acciaio zincato con viti per incasso in controsoffitti di cartongesso.
Richiede stuccatura.
Mounting bracket in galvanized steel with screws for installation in plasterboard ceilings.
It requires plastering over.



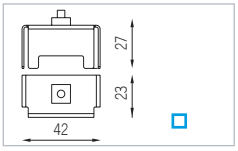


Code		Kg
A3697		0,15

Giunto lineare a scomparsa in acciaio zincato.
Galvanized steel hidden linear joint.







Code		Kg
I5196		0,02

Staffa anti-slittamento in acciaio zincato per montaggio verticale.
Anti-slip bracket made of galvanized steel for vertical mounting.

accessori luce diretta/indiretta > *direct/indirect light accessories*





11 ○
12 ●

Per versioni dali-emergenza usare un rosone codice A3693 e un rosone codice A3694.

Use cable cup code A3693 and A3694 for dali-emergency versions.

Code		Wiring		Kg
A3693	3x0,75 mmq	**CEI**	●	0,34
A3694	5x0,75 mmq	**DALI, CEI-EM**	●	0,34
A3693 + A3694	3+5x0,75mmq	**DALI-EM**	●	0,68

Sospensione elettrificata con rosone in tecnopolimero e fune d'acciaio 1,5m.

Electrical suspension with engineering plastic cable cup and steel cable (1.5m).



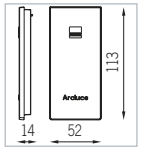
11 ○
12 ●

Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m).

Engineering plastic suspension with steel cable (1.5m).

Code		Kg
A3696	●	0,34





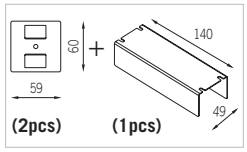
11 ○
12 ●
21 ●
31 ●

Code		Kg
A3689-XX	●	0,21
A3689-31	●	0,21

Testate finali in zama pressofusa.

Die-cast zamak end cap.

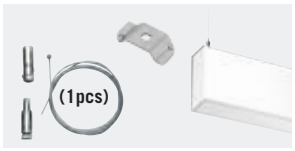




Code		Kg
A3697	●	0,15

Giunto lineare a scomparsa in acciaio zincato.

Galvanized steel hidden linear joint.



Code		Kg
A3695	●	0,15

Sospensione con cavetto regolazione millimetrica per luce diretta/indiretta.

Suspension with millimetric adjustment wiring for direct/indirect light version.



RIGO-IN GCO50

LINEA CONTINUA
CONTINUOS LINE

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofusa.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Riflettori in policarbonato nero, bianco o metalizzato ad alto vuoto.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 152lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Passacavo per entrata singola dei cavi d'alimentazione.
Fissaggio tramite staffe in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI DA ORDINARE SEPARATAMENTE.

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Reflector made of black, white or metalized in high-vacuum engineering plastic.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 152lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Grommet for single cable entry.
Galvanized steel brackets.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

END CAPS TO BE ORDERED SEPARATELY.

Accessori, vedi pag. 62.
Accessories, see page 62.

FAST INSTALLATION

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

La versione con cornice completa la gamma del sistema RIGO50 GCO per offrire tutte le possibili soluzioni applicative. RIGO-IN GCO50 è indicato esclusivamente da incasso, a **soffitto** e **parete**.
*The framed version completes RIGO GCO50 range to cover all the possible application needs. RIGO-INGCO50 is suitable for recessed mount only, both for **ceiling** and **wall**.*



OTTICA GC METALLIZZATA
METALIZED GC OPTIC



OTTICA GC NERA
BLACK GC OPTIC



OTTICA GC BIANCA
WHITE GC OPTIC



UGR<19

Ottica e testate da ordinare a parte, vedi pagina 62.
Optic and end cap to be ordered separately, see page 62.

luce diretta > *direct light*

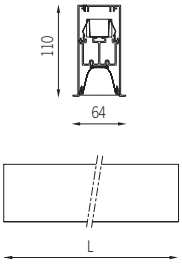
11 ○ 12 ● 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*													
I5175	12W LED	●	●			⏚	1300		●	3000	80	563	1,70
I5176	12W LED	●	●			⏚	1400		●	4000	80	563	1,70
I5178	18W LED	●	●			⏚	2000		●	3000	80	843	2,40
I5179	18W LED	●	●			⏚	2100		●	4000	80	843	2,40
I5181	24W LED	●	●	●	●	⏚	2650		●	3000	80	1123	3,10
I5182	24W LED	●	●	●	●	⏚	2750		●	4000	80	1123	3,10
I5184	30W LED	●	●	●	●	⏚	3300		●	3000	80	1403	3,70
I5185	30W LED	●	●	●	●	⏚	3750		●	4000	80	1403	3,70

LED

APPLICATION

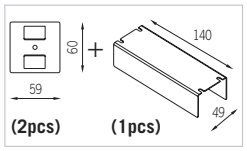
IP40



INSTALLAZIONE DA INCASSO CON CORNICE: richiesto l'utilizzo di accessori (vedi pagina 62).
FRAMED RECESSED INSTALLATION: accessories needed (see page 62).

accessori > *accessories*

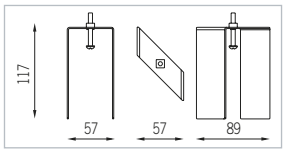




Code		Kg
A3697	●	0,15

Giunto lineare a scomparsa in acciaio zincato.
Galvanized steel hidden linear joint.

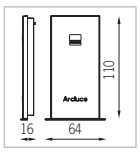




Code		Kg
I5199	●	0,20

Staffa di fissaggio in acciaio zincato senza viti per incasso in controsoffitti di cartongesso (non adatta per montaggio verticale e incasso trimless).
Non richiede stuccatura.
Mounting bracket in galvanized steel without screws for installation in plasterboard ceilings (not suitable for vertical mounting and recessed trimless).
It does not require plastering.



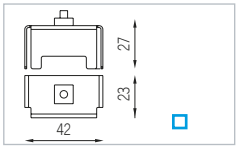


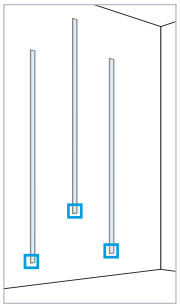
11
12
21

Code		Kg
I5198	●	0,10

Testate finali in zama pressofusa.
Die-cast zamak end cap.







Code		Kg
I5196	●	0,02

Staffa anti-slittamento in acciaio zincato per montaggio verticale.
Anti-slip bracket made of galvanized steel for vertical mounting.

accessori GCO > *GCO accessories*

Riflettore testa-coda.
End reflector.



Riflettore linea continua.
Continous line reflector.



L=563mm 2pcs
L=843mm 2+1pcs
L=1123mm 2+2pcs
L=1403mm 2+3pcs
installazione a linea continua > *continuos line installation*



ottica GC bianca > *white GC optic*

Riflettore testa-coda.
End reflector.

Code		Kg
fascio largo > *wide beam*		
A3892	●	0,05



Riflettore linea continua.
Continous line reflector.

Code		Kg
fascio largo > *wide beam*		
A3893	●	0,05



ottica GC metallizzata > *metallized GC optic*

Code		Kg
fascio stretto > *narrow beam*		
A3894	●	0,05
fascio medio > *medium beam*		
A3896	●	0,05





Code		Kg
fascio stretto > *narrow beam*		
A3895	●	0,05
fascio medio > *medium beam*		
A3897	●	0,05





ottica GC nera > *black GC optic*

Code		Kg
A3898	●	0,05





Code		Kg
A3899	●	0,05







RIGO GCO50

A PARETE
WALL MOUNTING

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofusa.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Lenti LED in PMMA.
Doppio schermo: in policarbonato microprismatizzato trasparente o opale e in PMMA opale.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 152lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
Lunga vita utile del LED: > 50000h con L80B10.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione a parete.
Cassetta di cablaggio in alluminio pressofuso.
Passacavo per entrata singola dei cavi d'alimentazione.
Basetta di fissaggio in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI INCLUSE.

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
PMMA lenses for LEDs.
Double screen: clear or opal microprismatic polycarbonate and opal PMMA.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 152lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
LED life time: >50000h with L80B10.
High colour consistency: <3 SDCM.

Installation
Wall mounted.
Die-cast aluminium control gear box.
Grommet for single cable entry.
Galvanized steel base plate.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

END CAPS INCLUDED.

Accessori, vedi pag. 64.
Accessories, see page 64.

FAST INSTALLATION

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.





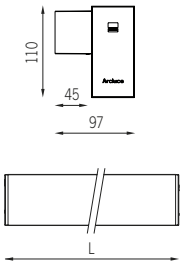
Ottica da ordinare a parte, vedi pagina 64.
Optic to be ordered separately, see page 64.

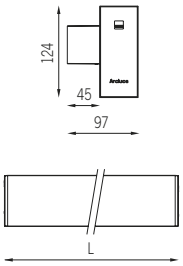
versione a parete > *wall mounting version*

11 ○ 12 ● 21 ● 31 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
luce diretta > *direct light*													
A3848-XX	**6W LED**	●	●			⏚	1100		●	3000	80	293	1,50
A3848-31	**6W LED**	●	●			⏚	1100		●	3000	80	293	1,50
A3849-XX	**6W LED**	●	●			⏚	1200		●	4000	80	293	1,50
A3849-31	**6W LED**	●	●			⏚	1200		●	4000	80	293	1,50
A3851-XX	**12W LED**	●	●			⏚	2150		●	3000	80	573	2,20
A3851-31	**12W LED**	●	●			⏚	2150		●	3000	80	573	2,20
A3852-XX	**12W LED**	●	●			⏚	2350		●	4000	80	573	2,20
A3852-31	**12W LED**	●	●			⏚	2350		●	4000	80	573	2,20
A3854-XX	**18W LED**	●	●			⏚	3250		●	3000	80	853	2,80
A3854-31	**18W LED**	●	●			⏚	3250		●	3000	80	853	2,80
A3855-XX	**18W LED**	●	●			⏚	3550		●	4000	80	853	2,80
A3855-31	**18W LED**	●	●			⏚	3550		●	4000	80	853	2,80
A3857-XX	**24W LED**	●	●	●	●	⏚	4350		●	3000	80	1133	3,50
A3857-31	**24W LED**	●	●	●	●	⏚	4350		●	3000	80	1133	3,50
A3858-XX	**24W LED**	●	●	●	●	⏚	4700		●	4000	80	1133	3,50
A3858-31	**24W LED**	●	●	●	●	⏚	4700		●	4000	80	1133	3,50
luce diretta/indiretta > *direct/indirect light*													
A3860-XX	**6+8W LED**	●	●			⏚	1100+1100		●	3000	80	293	1,70
A3860-31	**6+8W LED**	●	●			⏚	1100-1100		●	3000	80	293	1,70
A3861-XX	**6+8W LED**	●	●			⏚	1200-1200		●	4000	80	293	1,70
A3861-31	**6+8W LED**	●	●			⏚	1200-1200		●	4000	80	293	1,70
A3863-XX	**12+16W LED**	●	●			⏚	2150+2150		●	3000	80	563	2,50
A3863-31	**12+16W LED**	●	●			⏚	2150+2150		●	3000	80	563	2,50
A3864-XX	**12+16W LED**	●	●			⏚	2350+2350		●	4000	80	563	2,50
A3864-31	**12+16W LED**	●	●			⏚	2350+2350		●	4000	80	563	2,50
A3866-XX	**18+24W LED**	●	●			⏚	3250+3250		●	3000	80	843	3,30
A3866-31	**18+24W LED**	●	●			⏚	3250+3250		●	3000	80	843	3,30
A3867-XX	**18+24W LED**	●	●			⏚	3550+3550		●	4000	80	843	3,30
A3867-31	**18+24W LED**	●	●			⏚	3550+3550		●	4000	80	843	3,30
A3869-XX	**24+32W LED**	●	●	●	●	⏚	4350+4350		●	3000	80	1123	4,00
A3869-31	**24+32W LED**	●	●	●	●	⏚	4350+4350		●	3000	80	1123	4,00
A3870-XX	**24+32WLED**	●	●	●	●	⏚	4700+4700		●	4000	80	1123	4,00
A3870-31	**24+32W LED**	●	●	●	●	⏚	4700+4700		●	4000	80	1123	4,00

82°x110°





LED

IP40

accessori GCO > *GCO accessories*

Riflettore testa-coda.
End reflector.



Riflettore linea continua.
Continous line reflector.



L=563mm 2pcs

L=843mm 2+1pcs

L=1123mm 2+2pcs

L=1403mm 2+3pcs

installazione a linea continua > *continuos line installation*



ottica GC bianca > *white GC optic*

Riflettore testa-coda.
End reflector.

Code		Kg
A3892	●	0,05

52°60°



Riflettore linea continua.
Continous line reflector.

Code		Kg
A3893	●	0,05

52°-60°



ottica GC metallizzata > *metallized GC optic*

Code		Kg
fascio stretto > *narrow beam*		
A3894	●	0,05
fascio medio > *medium beam*		
A3896	●	0,05

16°-15° 36°-36°



Code		Kg
fascio stretto > *narrow beam*		
A3895	●	0,05
fascio medio > *medium beam*		
A3897	●	0,05

16°-15° 36°-36°



ottica GC nera > *black GC optic*

Code		Kg
A3898	●	0,05

51°-58°



Code		Kg
A3899	●	0,05

51°-58°





RIGO GCO50

A PARETE ORIENTABILE
ADJUSTABLE WALL MOUNTING

FAST INSTALLATION

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofusa.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato nero,bianco o metalizzato ad alto vuoto.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
LED con efficienza nominale sino a 152lumen/Watt (4000K - 350mA - CRI>90 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione a parete.
Staffa di sostegno in acciaio zincato e verniciato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI INCLUSE.

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
Reflector made of black, white or metalized in high-vacuum engineering plastic.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
Nominal LED efficacy up to 152lumen/Watt (4000K - 350mA - CRI>90 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Installation
Wall mounted.
Galvanized and painted steel support bracket.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

END CAPS INCLUDED.

riflettore metallizzato > *metalized reflector*

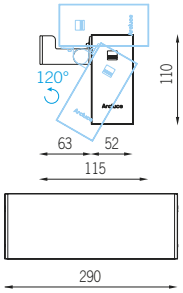
11 ○ 21 ●



Ottica GC in tecnopolimero metallizzato.
Metalized engineering plastic GC optic.

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio concentrante > *narrow beam*											
B3570	14W LED	●	●	⏚	850	710	●	3000	80	290	1,30
B3571	14W LED	●	●	⏚	870	730	●	4000	80	290	1,30
16°-16°											
fascio medio > *medium beam*											
B3573	14W LED	●	●	⏚	850	560	●	3000	80	290	1,30
B3574	14W LED	●	●	⏚	870	570	●	4000	80	290	1,30
36°-36°											

LED — IP20



riflettore nero > *black reflector*

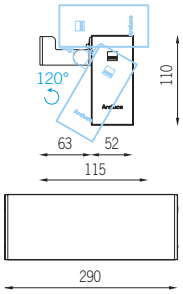
11 ○ 21 ●



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio diffondente > *wide beam*											
B3576	14W LED	●	●	⏚	850	340	●	3000	80	290	1,30
B3577	14W LED	●	●	⏚	870	350	●	4000	80	290	1,30
51°-58°											

LED — IP20



riflettore bianco > *white reflector*

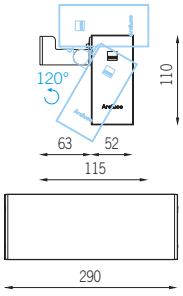
11 ○ 21 ●



Ottica GC in tecnopolimero bianco.
White engineering plastic GC optic.

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio diffondente > *wide beam*											
B3578	14W LED	●	●	⏚	850	550	●	3000	80	290	1,30
B3579	14W LED	●	●	⏚	870	570	●	4000	80	290	1,30
52°-60°											

LED — IP20





RIGO50

VERSIONE A BINARIO ELETTRIFICATO
ELECTRIFIED TRACK MOUNTING

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofusa.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 152lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso o a sospensione.
Passacavo per entrata singola dei cavi d'alimentazione.
Fissaggio tramite staffe in acciaio zincato.
Sospensione con cavo in acciaio 1,5m.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI DA ORDINARE SEPARATAMENTE.

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 152lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
High colour consistency: <3 SDCM.

Installation
Recessed or suspended installation.
Grommet for single cable entry.
Galvanized steel brackets.
Steel cable 1.5m for suspension.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

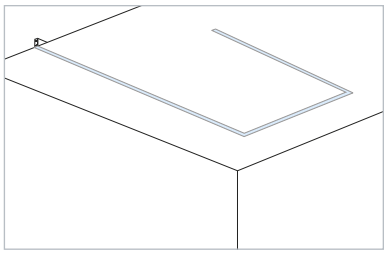
END CAPS TO BE ORDERED SEPARATELY.

Accessori, vedi pag. 68.
Accessories, see page 68.

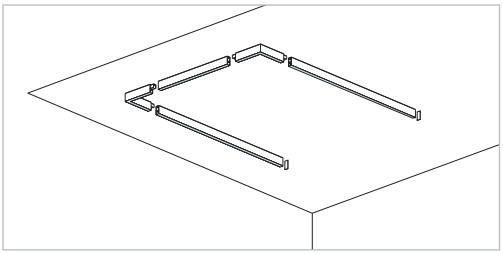
FAST INSTALLATION

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

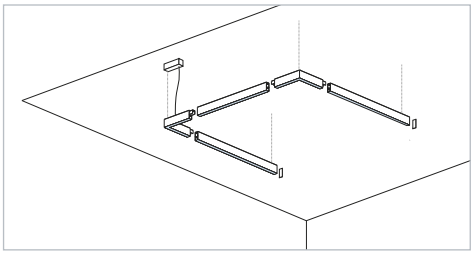
INSTALLAZIONE A INCASSO TRIMLESS
TRIMLESS INSTALLATION



INSTALLAZIONE A PLAFONE
CEILING INSTALLATION



INSTALLAZIONE A SOSPENSIONE
SUSPENDED INSTALLATION



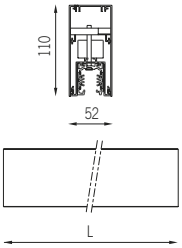


Binario elettrificato.
Electrified track.

luce diretta > *direct light*

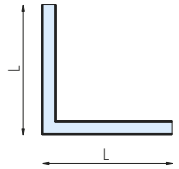
11 ○ 12 ● 21 ●

Code	WATT	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
moduli apparecchio > *modular light fittings*										
B3100		●							1403	3,90
B3101		●							2246	6,70
B3102		●							2806	8,80



giunto angolare > *elbow joint*

B3103		●							600x600	1,80





Modulo strutturale.
Structural module.

APPLICATION

IP20



INSTALLAZIONE TRIMLESS: richiesto l'utilizzo di accessori (vedi pagina 68).
TRIMLESS INSTALLATION: accessories needed (see page 68).

INSTALLAZIONE A PLAFONE: senza l'utilizzo di accessori.
CEILING INSTALLATION: without accessories.

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 68).
SUSPENDED INSTALLATION: accessories needed (see page 68).

APPLICATION

INSTALLAZIONE A SOSPENSIONE: richiesto l'utilizzo di accessori (vedi pagina 68).
SUSPENDED INSTALLATION: accessories needed (see page 68).



Binario elettrificato.
Electrified track.

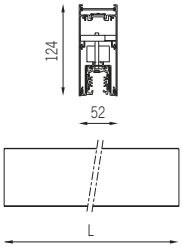
luce diretta/indiretta > *direct/indirect light*

11 ○ 12 ● 21 ●

moduli apparecchio > *modular light fittings*

	Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
82°x110°	**B3104 ***	**36W LED**	●	●	⏚	4900	3950	●	3000	80	1403	4,60
	B3105 *	**36W LED**	●	●	⏚	5300	4100	●	4000	80	1403	4,60
	B3107 *	**60W LED**	●	●	⏚	8100	6300	●	3000	80	2246	8,50
	B3108 *	**60W LED**	●	●	⏚	9000	6550	●	4000	80	2246	8,50
	B3110 *	**76W LED**	●	●	⏚	10300	8300	●	3000	80	2806	10,60
	B3111 *	**76W LED**	●	●	⏚	11200	9000	●	4000	80	2806	10,60

* Apparecchio con cablaggio in doppia accensione.
Double-switch wiring light fitting.





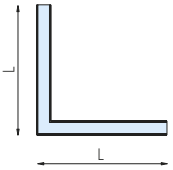
Modulo strutturale.
Structural module.

giunto angolare > *elbow joint*

	Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
82°x110°	**B3113**	**32W LED**	●	●	⏚	4300+2150	840+1350	●	3000	80	600x600	2,90
	B3114	**32W LED**	●	●	⏚	4700+2350	920+1450	●	4000	80	600x600	2,90

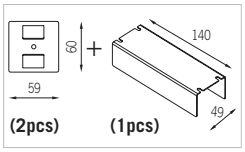
LED

IP20



accessori > *accessories*





Code		Kg
A3697		0,06

Giunto lineare a scomparsa in acciaio zincato.
Galvanized steel hidden linear joint.



11 ○
12 ●

Per versioni dali-emergenza usare un rosone codice A3693 e un rosone codice A3694.
Use cable cup code A3693 and A3694 for dali-emergency versions.

Code		Wiring		Kg
A3693	3x0,75 mmq	**CEI**		0,34
A3694	5x0,75 mmq	**DALI, CEI-EM**		0,34
A3693 + A3694	3+5x0,75mmq	**DALI-EM**		0,68

Sospensione elettrificata con rosone in tecnopolimero e fune d'acciaio 1,5m.
Electrical suspension with engineering plastic cable cup and steel cable (1.5m).



Copertura binario, lunghezza 1m, per aumentare il grado a IP40.
Cover strip, lenght 1m, for increase to IP40.

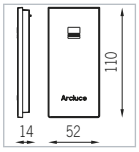
Code		Kg
B9126-11		0,12
B9126-12		0,12
B9126-33		0,12

IP40

accessori luce diretta > *direct light accessories*



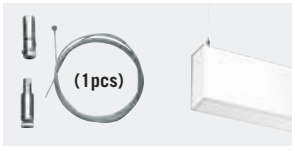


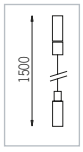


11 ○
12 ●
21 ●

Code		Kg
A3690-XX		0,20
A3690-31		0,20

Testata finale in zama pressofusa per versioni luce diretta **con schermo a filo, wallwasher o GCO**.
*Die-cast zamak end cap for direct light version **with flush screen, wallwasher or GCO**.*

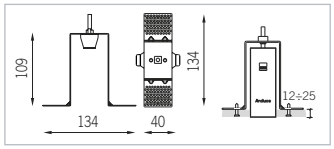




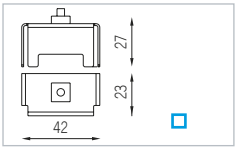
Code		Kg
A1899		0,10

Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica per versione a luce diretta.
Suspension with steel cable (1.5m) with millimetric adjustment wiring for direct light version.











11 ○
12 ●

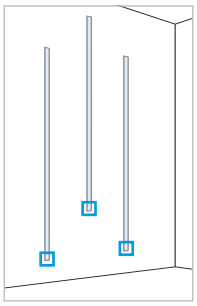
Code		Kg
I5197		0,21

PER VERSIONE TRIMLESS
FOR TRIMLESS VERSION

Staffa di fissaggio in acciaio zincato con viti per incasso in controsoffitti di cartongesso.
Richiede stuccatura.
Mounting bracket in galvanized steel with screws for installation in plasterboard ceilings.
It requires plastering over.

Code		Kg
I5196		0,02

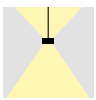
Staffa anti-slittamento in acciaio zincato per montaggio verticale.
Anti-slip bracket made of galvanized steel for vertical mounting.



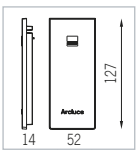
Code		Kg
A3696	**20,40**	0,34

Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m).
Engineering plastic suspension with steel cable (1.5m).

accessori luce diretta/indiretta > *direct/indirect light accessories*



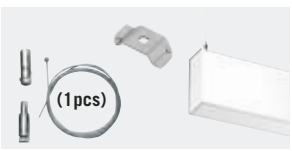


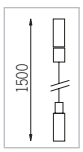


11 ○
12 ●
21 ●
31 ●

Code		Kg
A3692-XX		0,21
A3692-31		0,21

Testata finale in zama pressofusa per sospensione luce diretta/indiretta **con schermo a filo, wallwasher o ottica nera**.
*Die-cast zamak end cap for direct/indirect light version **with flush screen, wallwasher or dark optic**.*





Code		Kg
A3695		0,15

Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica per versione a luce diretta/indiretta.
Suspension with steel cable (1.5m) with millimetric adjustment wiring for direct/indirect light version.



11 ○
12 ●

Code		Kg
A3696	**20,40**	0,34

Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m).
Engineering plastic suspension with steel cable (1.5m).



RIGO GCO50
SPOT

Apparecchio
Corpo in alluminio estruso.
Testate in zama pressofusa.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato nero,bianco o metalizzato ad alto vuoto.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
LED con efficienza nominale sino a 128lumen/Watt (4000K - 500mA - CRI>90 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione a binario.
Adattatore a binario elettrificato in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI INCLUSE.

Luminaire
Extruded aluminium body.
Die-cast zamak caps.
Polyester powder paint resistant to UV rays.
Reflector made of black, white or metalized in high-vacuum engineering plastic.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
Nominal LED efficacy up to 128lumen/Watt (4000K - 500mA - CRI>90 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Installation
Track installation.
Engineering plastic track adaptor.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

END CAPS INCLUDED.

FAST INSTALLATION

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

riflettore metallizzato > *metalized reflector*

11 ○ 21 ●



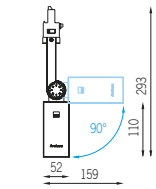
Ottica GC in tecnopolimero metallizzato.
Metalized engineering plastic GC optic.

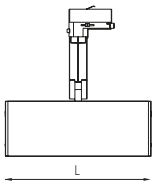
Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio concentrante > *narrow beam*											
B3540	**14W LED**	●	●	⏚	850	710	●	3000	80	290	1,40
B3541	**14W LED**	●	●	⏚	870	730	●	4000	80	290	1,40
fascio medio > *medium beam*											
B3543	**14W LED**	●	●	⏚	850	560	●	3000	80	290	1,40
B3544	**14W LED**	●	●	⏚	870	570	●	4000	80	290	1,40

16°-15° 36°-36°

LED

IP20





riflettore nero > *black reflector*

11 ○ 21 ●



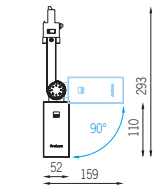
Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

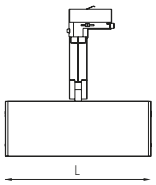
Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio diffondente > *wide beam*											
B3546	**14W LED**	●	●	⏚	850	340	●	3000	80	290	1,40
B3547	**14W LED**	●	●	⏚	870	350	●	4000	80	290	1,40

51°-58°

LED

IP20





riflettore bianco > *white reflector*

11 ○ 21 ●



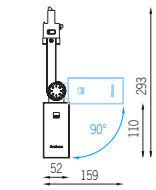
Ottica GC in tecnopolimero bianco.
White engineering plastic GC optic.

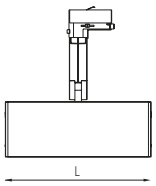
Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio diffondente > *wide beam*											
B3548	**14W LED**	●	●	⏚	850	550	●	3000	80	290	1,40
B3549	**14W LED**	●	●	⏚	870	570	●	4000	80	290	1,40

52°-60°

LED

IP20







MILES

DESIGNER: PAOLA URBANO

Apparecchio
Corpo in alluminio estruso.
Testate in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in policarbonato opale stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a sospensione, a plafone o a parete.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

TESTATE FINALI DA ORDINARE SEPARATAMENTE.

Luminaire
Extruded aluminium body.
Die-cast aluminium caps.
Polyester powder paint resistant to UV rays.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing opal polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-1.

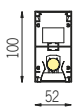
Source
Available with conventional lamps.

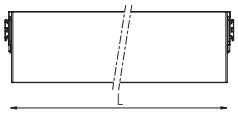
Installation
Suspended, ceiling or wall mounted installation.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

END CAPS TO BE ORDERED SEPARATELY.

Accessori, vedi pag. 71.
Accessories, see page 71.



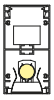


tutta luce - con riflettore > *full light - with louvre*

11 ○ 21 ●



Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	LAMP	K	CRI	L	Kg
A1805	1x **24W FD** G5	●	●	⏚	1750	●	4000	80	578	1,45
A1807	1x **80W FD** G5	●	●	⏚	7000	●	4000	80	1478	3,50



G5 **FD**

Adatto per applicazione a parete.
Suitable for wall mounting.

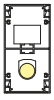
IP20 850°C V0

tutta luce - con schermo opale > *full light - with opalescent diffuser*

11 ○ 21 ●



Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	LAMP	K	CRI	L	Kg
A1815	1x **24W FD** G5	●	●	⏚	1750	●	4000	80	578	1,45
A1816	1x **54W FD** G5	●	●	⏚	5000	●	4000	80	1178	2,70
A1817	1x **80W FD** G5	●	●	⏚	7000	●	4000	80	1478	3,50



G5 **FD**

Adatto per applicazione a parete.
Suitable for wall mounting.

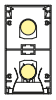
IP20 850°C V0

con riflettore > *with louvre*

11 ○ 21 ●



Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	L	Kg
A1845	1+1x **24W FD** G5	●		⏚	1+1x 1750		●	4000	80	1152	1,75
A1847	1+1x **49W FD** G5	●		⏚	1+1x 4900		●	4000	80	2052	4,20



G5 **FD**

Adatto per applicazione a parete.
Suitable for wall mounting.

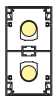
IP20 850°C V0

con schermo opale > *with opalescent diffuser*

11 ○ 21 ●



Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	L	Kg
A1855	1+1x **24W FD** G5	●		⏚	1+1x 1750		●	4000	80	1152	1,75
A1856	1+1x **54W FD** G5	●		⏚	1+1x 5000		●	4000	80	1752	3,30
A1857	1+1x **49W FD** G5	●		⏚	1+1x 4900		●	4000	80	2052	4,20



G5 **FD**

Adatto per applicazione a parete.
Suitable for wall mounting.

IP20 850°C V0

modulo strutturale > *structural module*

11 ○ 21 ●



Code	WATT	SC	Class	L	Kg
A1868		●	⏚	1178	2,50
A1869		●	⏚	1478	3,30



Adatto per applicazione a parete.
Suitable for wall mounting.

IP20 850°C V0

accessori installazione a parete > *wall mounting accessories*

11 ○ 21 ●



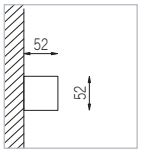
Testata finale in alluminio pressofuso.
Die-cast aluminium end cap.

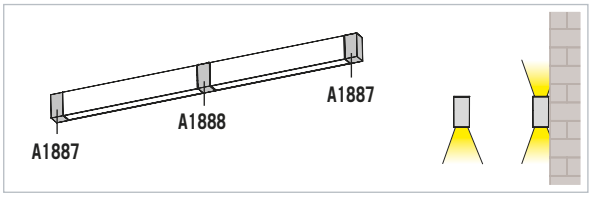
Code		Kg
A1887	●	0,20

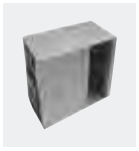


Giunto lineare in alluminio pressofuso.
Die-cast aluminium straight joint.

Code		Kg
A1888	●	0,19







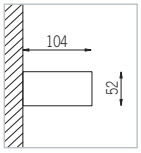
Testata finale in alluminio pressofuso.
Die-cast aluminium end cap.

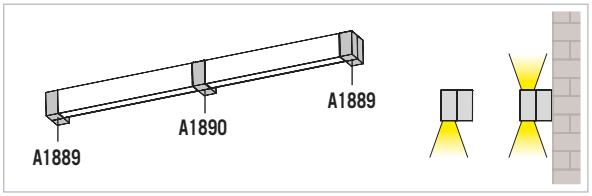
Code		Kg
A1889	●	0,32



Giunto lineare in alluminio pressofuso.
Die-cast aluminium straight joint.

Code		Kg
A1890	●	0,30





accessori installazione a plafone > *ceiling mounting accessories*

11 ○ 21 ●



Code		Kg
A1891	●	0,20

Testata finale in alluminio pressofuso.
Die-cast aluminium end cap.



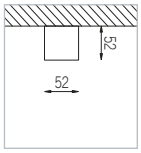
Code		Kg
A1892	●	0,19

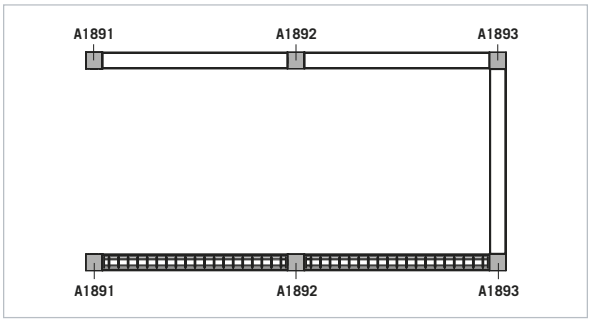
Giunto lineare in alluminio pressofuso.
Die-cast aluminium straight joint.



Code		Kg
A1893	●	0,18

Giunto angolare in alluminio pressofuso.
Die-cast aluminium elbow joint.





accessori installazione a sospensione > *suspension mounting accessories*

11 ○ 21 ●



Code		Kg
A1894	●	0,10

Testata finale in alluminio pressofuso.
Die-cast aluminium end cap.



Code		Kg
A1895	●	0,10

Giunto lineare in alluminio pressofuso.
Die-cast aluminium straight joint.



Code		Kg
A1896	●	0,10

Giunto angolare in alluminio pressofuso.
Die-cast aluminium elbow joint.



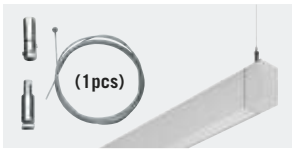
Code		Kg
A1897	●	0,10

Giunto 3 vie in alluminio pressofuso.
Die-cast aluminium 3-way joint.



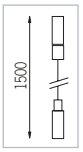
Code		Kg
A1898	●	0,10

Giunto 4 vie in alluminio pressofuso.
Die-cast aluminium 4-way joint.



Code		Kg
A1899	●	0,10

Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica.
Suspension with steel cable (1.5m) with millimetric adjustment wiring.





11 ○ **Per versioni dali-emergenza usare un rosone codice A1191 e un rosone codice A1192.**
12 ● ***Use cable cup code A1191 and A1192 for dali-emergency versions.***

Code		Wiring		Kg
A1191	3x0,75 mmq	**CEI**	●	0,34
A1192	5x0,75 mmq	**DALI, CEI-EM**	●	0,34
A1191 + A1192	3+5x0,75mmq	**DALI-EM**	●	0,68

Sospensione elettrificata con rosone in tecnopolimero e fune d'acciaio (1,5m).
Electrical suspension with engineering plastic cable cup and steel cable (1.5m).



11 ○ Sospensione semplice con fune d'acciaio lunghezza 1,5m.
12 ● *Suspension kit with 1.5m long steel wire.*

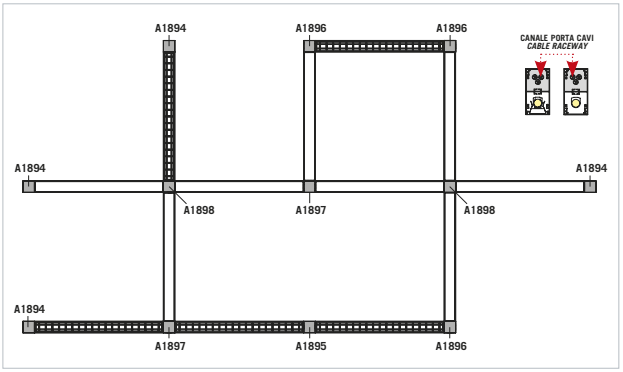
Code		Kg
A1193	●	0,24



11 ○ **Per versioni dali-emergenza usare un rosone codice A1194 e un rosone codice A1195.**
12 ● ***Use cable cup code A1194 and A1195 for dali-emergency versions.***

Code		Wiring		Kg
A1194	3x0,75 mmq	**CEI**	●	0,20
A1195	5x0,75 mmq	**CEI-EM, DALI**	●	0,20
A1194 + A1195	3+5x0,75 mmq	**DALI-EM**	●	0,40

Rosone in tecnopolimero.
Cavo d'alimentazione per altezza massima di 1,5m.
Engineering plastic cable cup. Main cable up to 1.5m long.





MILES

LINEA CONTINUA
CONTINUOS LINE

Apparecchio
Corpo in alluminio estruso.
Testate in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in policarbonato opale stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
Disponibili versioni con lampade tradizionali.
Installazione
Installazione a sospensione, a plafone o a parete.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Extruded aluminium body.
Die-cast aluminium caps.
Polyester powder paint resistant to UV rays.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing opal polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Available with conventional lamps.
Installation
Suspended, ceiling or wall mounted installation.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

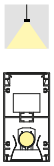
Accessori, vedi pag. 73.
Accessories, see page 73.

con riflettore > *with louvre*

11 ○ 21 ●



Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	L	Kg
A1944	1x **35/49/80W FD** G5	●	●	●	●	⏚						1477	3,37



G5 **FD**

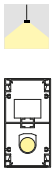
IP20 850°C V0

con schermo opale > *with opalescent diffuser*

11 ○ 21 ●

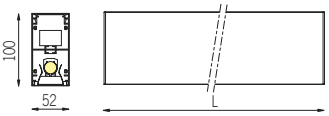


Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	L	Kg
A1947	1x **28/54W FD** G5	●	●	●	●	⏚						1177	2,60
A1948	1x **35/49/80W FD** G5	●	●	●	●	⏚						1477	3,37



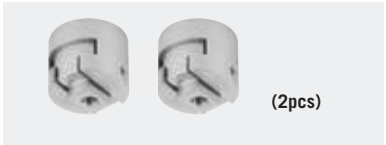
G5 **FD**

IP20 850°C V0



accessori installazione a plafone > *ceiling mounting accessories*

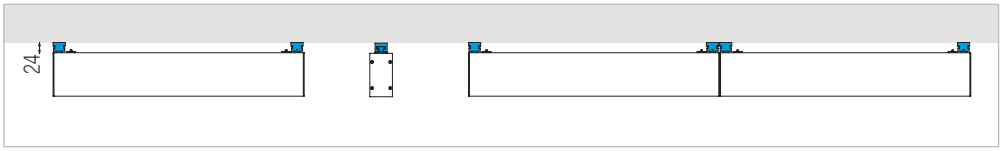
11 ○ 21 ●



(2pcs)

Code		Kg
A1883	●	0,20

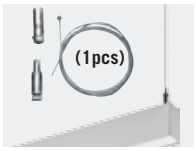
Giunto per attacco a plafone.
Ceiling mounting joint.

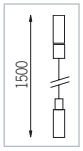


Da utilizzare solo per applicazioni singole o doppie.
To be used only with single or double units light fittings.

accessori installazione a sospensione > *suspension mounting accessories*

11 ○ 21 ●





Code		Kg
A1899		0,10

Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica.
Suspension with steel cable (1.5m) with millimetric adjustment wiring.



11 ○ 12 ●

Per versioni dali-emergenza usare un rosone codice A1191 e un rosone codice A1192.
Use cable cup code A1191 and A1192 for dali-emergency.

Code		Wiring	Kg
A1191	3x0,75 mmq	**CEI**	0,34
A1192	5x0,75 mmq	**DALI, CEI-EM**	0,34
A1191 + A1192	3+5x0,75mmq	**DALI-EM**	0,68

Sospensione elettrificata con rosone in tecnopolimero e fune d'acciaio 1,5m.
Electrical suspension with engineering plastic cable cup and steel cable (1.5m).



11 ○ 12 ●

Per versioni dali-emergenza usare un rosone codice A1194 e un rosone codice A1195.
Use cable cup code A1194 and A1195 for dali-emergency versions.

Code		Wiring	Kg
A1194	3x0,75 mmq	**CEI**	0,20
A1195	5x0,75 mmq	**CEI-EM, DALI**	0,20
A1194 + A1195	3+5x0,75 mmq	**DALI-EM**	0,40

Rosone in tecnopolimero. Cavo d'alimentazione per altezza massima di 1,5m.
Engineering plastic cable cup. Main cable up to 1.5m long.



Code		Kg
A1193	**15,80**	0,24

11 ○ 12 ●

Sospensione semplice con fune d'acciaio (1,5m).
Suspension with steel cable (1.5m).





Code		Kg
A1881		0,10

Giunto lineare in alluminio.
Aluminium straight joint.



Code		Kg
A1879		0,10

Giunto lineare in alluminio.
Aluminium straight joint.



Code		Kg
A1894		0,10

Testata finale in alluminio pressofuso.
Die-cast aluminium end cap.



Code		Kg
A1895		0,10

Giunto lineare in alluminio pressofuso.
Die-cast aluminium straight joint.



Code		Kg
A1896		0,10

Giunto angolare in alluminio pressofuso.
Die-cast aluminium elbow joint.



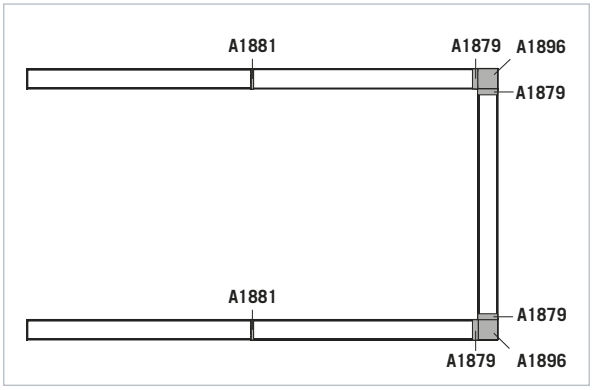
Code		Kg
A1897		0,10

Giunto 3 vie in alluminio pressofuso.
Die-cast aluminium 3-way joint.



Code		Kg
A1898		0,10

Giunto 4 vie in alluminio pressofuso.
Die-cast aluminium 4-way joint.







LAMBDA

Apparecchio
Corpo in alluminio estruso.
Testate in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Riflettore in alluminio 99,98 anodizzato speculare antiridiscente o lamellare in tecnopolimero metallizzato.
Schermo in policarbonato opale stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 115lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a plafone o a sospensione.
Sospensione con cavo in acciaio 1,5m.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Extruded aluminium body.
Die-cast aluminium caps.
Polyester powder paint resistant to UV rays.
Reflector made of engineering plastic metalized in high-vacuum.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing or metalized engineering plastic louvre
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing opal polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 115lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Ceiling or suspended installation.
Steel cable 1.5m for suspension.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 77.
Accessories, see page 77.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



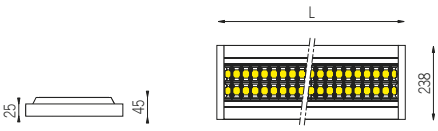


LED

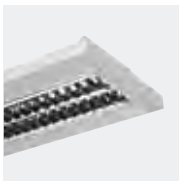
11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
luce diretta > *direct light*													
A1964	**96W LED**	●	●	●	●		10400	5300	●	3000	80	1239	5,72
A1965	**96W LED**	●	●	●	●		10900	5600	●	4000	80	1239	5,72
A1966	**120W LED**	●	●	●	●		13000	6600	●	3000	80	1539	6,95
A1967	**120W LED**	●	●	●	●		13600	6900	●	4000	80	1539	6,95

LED



IP20



Completo di testate finali.
Riflettore in tecnopolimero metallizzato.
Supplied with end caps.
Metalized technopolymer louvre.

Low luminance LED ≤ 3000 cd m^{-2}

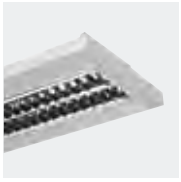
11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
luce diretta > *direct light*													
A1960	**52W LED**	●	●	●	●		5800	3000	●	3000	80	1239	5,72
A1961	**52W LED**	●	●	●	●		6000	3100	●	4000	80	1239	5,72
A1962	**64W LED**	●	●	●	●		7200	3700	●	3000	80	1539	6,95
A1963	**64W LED**	●	●	●	●		7400	3800	●	4000	80	1539	6,95
luce diretta/indiretta > *direct/indirect light*													Con schermo superiore opale > *With upper opalescent diffuser*
A1954*	**52W + 48W LED**	●	●	●	●		5800+5200	3000+2650	●	3000	80	1239	5,72
A1955*	**52W + 48W LED**	●	●	●	●		6000+5450	3100+2800	●	4000	80	1239	5,72
A1956*	**64W + 60W LED**	●	●	●	●		7200+6500	3700+3300	●	3000	80	1539	6,95
A1957*	**64W + 60W LED**	●	●	●	●		7400+6800	3800+3450	●	4000	80	1539	6,95

LED

(*) Per versioni CEI, cablaggio in doppia accensione (luce diretta/indiretta).
For CEI versions, double switch wiring (diretct/indirect light).

IP20



UGR<19

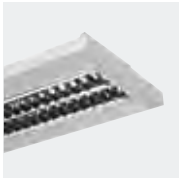
Completo di testate finali.
Riflettore in tecnopolimero metallizzato.
Supplied with end caps.
Metalized technopolymer louvre.

Kit emergenza *Emergency kit*	
CEI-EM	+ ●
DALI-EM	+ ●

Per versione emergenza aggiungere al codice il prezzo sopra indicato.
For emergency version add to the code the emergency kit price indicated above.

Dark Light ≤ 200 cd m^{-2}

11 ○ 21 ●



Completo di testate finali.
Riflettore in tecnopolimero metallizzato.
Supplied with end caps.
Metalized technopolymer louvre.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	L	Kg
luce diretta > *direct light*													
A2007	2x **28/54W FD** G5	●	●			⏚						1239	4,76
A2008	2x **35/49/80W FD** G5	●	●			⏚						1539	5,70
luce diretta/indiretta > *direct/indirect light*													Con schermo superiore opale > *With upper opalescent diffuser*
A2003	2x **28/54W FD** G5	●	●			⏚						1239	3,86
A2004	2x **35/49W FD** G5	●	●			⏚						1539	4,60

G5 **FD**

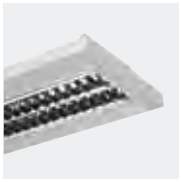


Installabile direttamente a plafone senza l'utilizzo di accessori.
Direct ceiling installation without accessories.

IP20

Low luminance ≤ 500 cd m^{-2} / 1000 cd m^{-2}

11 ○ 21 ●



Completo di testate finali.
Riflettore in alluminio.
Supplied with end caps.
Alluminium reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	L	Kg
luce diretta > *direct light*													
A2026	2x **14/24W FD** G5	●	●			⏚						639	3,00
A2027	2x **28/54W FD** G5	●	●			⏚						1239	4,76
A2028	2x **35/49/80W FD** G5	●	●			⏚						1539	5,70
luce diretta/indiretta > *direct/indirect light*													Con schermo superiore opale > *With upper opalescent diffuser*
A2022	2x **14/24W FD** G5	●	●			⏚						639	2,10
A2023	2x **28/54W FD** G5	●	●			⏚						1239	3,86
A2024	2x **35/49W FD** G5	●	●			⏚						1539	4,60

G5 **FD**



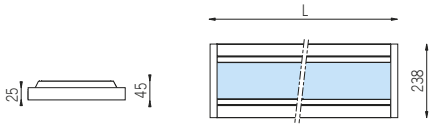
Installabile direttamente a plafone senza l'utilizzo di accessori.
Direct ceiling installation without accessories.

IP20











Completo di testate finali.
Supplied with end caps.

Kit emergenza *Emergency kit*	
CEI-EM	+ ●
DALI-EM	+ ●

Per versione emergenza aggiungere al codice il prezzo sopra indicato.
For emergency version add to the code the emergency kit price indicated above.

con schermo opale > *with opalescent diffuser*

11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
luce diretta > *direct light*													
A1984	**52W LED**	●	●	●	●	⏚	5800	3100	●	3000	80	1239	5,72
A1985	**52W LED**	●	●	●	●	⏚	6000	3200	●	4000	80	1239	5,72
A1986	**64W LED**	●	●	●	●	⏚	7200	3800	●	3000	80	1539	6,95
A1987	**64W LED**	●	●	●	●	⏚	7400	3900	●	4000	80	1539	6,95
luce diretta/indiretta > *direct/indirect light*													Con schermo superiore opale > *With upper opalescent diffuser*
A1974	**52W + 48W LED**	●	●	●	●	⏚	5800+5200	3100+2650	●	3000	80	1239	5,72
A1975	**52W + 48W LED**	●	●	●	●	⏚	6000+5450	3200+2800	●	4000	80	1239	5,72
A1976	**64W + 60W LED**	●	●	●	●	⏚	7200+6500	3800+3300	●	3000	80	1539	6,95
A1977	**64W + 60W LED**	●	●	●	●	⏚	7400+6800	3900+3450	●	4000	80	1539	6,95

LED

IP20 850°C V0



Completo di testate finali.
Supplied with end caps.

con schermo opale > *with opalescent diffuser*

11 ○ 21 ●

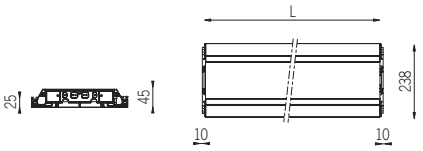
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	L	Kg
luce diretta > *direct light*													
A2017	2x **28/54W FD** G5	●	●	●	●	⏚						1239	4,76
A2018	2x **35/49W FD** G5	●	●	●	●	⏚						1539	5,70
luce diretta/indiretta > *direct/indirect light*													Con schermo superiore opale > *With upper opalescent diffuser*
A2013	2x **28/54W FD** G5	●	●	●	●	⏚						1239	3,66
A2014	2x **35/49W FD** G5	●	●	●	●	⏚						1539	4,40

G5 **FD**



Installabile direttamente a plafone senza l'utilizzo di accessori.
Direct ceiling installation without accessories.

IP20 850°C V0





Testate finali da ordinare a parte, vedi pag. 77 (A1698).
End caps to be ordered separately, see page 77 (A1698).

modulo strutturale > *structural module*

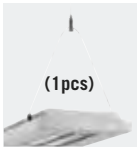
11 ○ 21 ●

Code	WATT	SC	Class	L	Kg
A1650		●	⏚	585	1,70
A1652		●	⏚	1185	3,40
A1653		●	⏚	1485	4,20

IP20

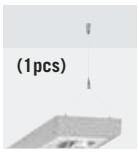
accessori > *accessories*

11 ○ 21 ●



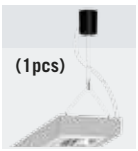
Code		Kg
A1697		0,10

Sospensione semplice con fune d'acciaio (1.5m) a regolazione millimetrica.
Suspension with steel cable (1.5m) and millimetric regulation.



Code		Kg
A1588		0,10

Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica.
Suspension with steel cable (1.5m) and millimetric regulation.

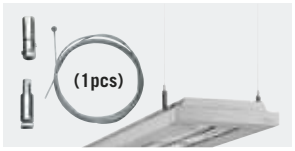


11 ○
12 ●

Per versioni dali-emergenza usare un rosone codice A1586 e un rosone codice A1587.
Use cable cup code A1586 and A1587 for dali-emergency versions.

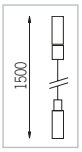
Code		Wiring	Kg
A1586	3x0,75 mmq	**CEI**	0,24
A1587	5x0,75 mmq	**CEI-EM, DALI**	0,24
A1586 + A1587	3+5x0,75 mmq	**DALI-EM**	0,48

Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m) a regolazione millimetrica.
Engineering plastic suspension with steel cable (1.5m) and millimetric regulation.



Code		Kg
A1594	**18,60**	0,10

Sospensione semplice con fune d'acciaio a regolazione millimetrica.
Suspension with steel cable and millimetric regulation.





Code		Kg
A1696		0,30

Attacco a plafone in acciaio verniciato.
Painted steel ceiling mount.
SOLO PER VERSIONI A LED.
ONLY FOR LED VERSIONS.

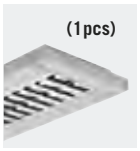


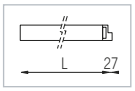
11 ○
12 ●



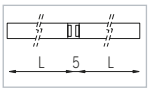
11 ○
12 ●

Per versioni dali-emergenza usare un rosone codice A1194 e un rosone codice A1195.
Use cable cup code A1194 and A1195 for dali-emergency versions.









Code		Kg
A1193	**15,80**	0,24

Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m) a regolazione millimetrica.
Engineering plastic suspension with steel cable (1.5m) and millimetric regulation.

Code		Wiring	Kg
A1194	3x0,75 mmq	**CEI**	0,20
A1195	5x0,75 mmq	**CEI-EM, DALI, DIMM**	0,20
A1194 + A1195	3+5x0,75 mmq	**DALI-EM, DIMM-EM**	0,40

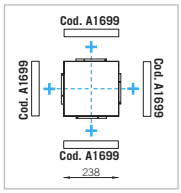
Rosone in tecnopolimero. Cavo d'alimentazione per altezza massima di 1,5m.
Engineering plastic cable cup. Main cable up to 1.5m long.

Code		Kg
A1698		0,13

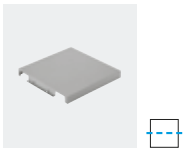
Testata finale in alluminio pressofuso.
Die-cast aluminium end cap.

Code		Kg
A1699		0,10

Giunto lineare in alluminio pressofuso.
Die-cast aluminium straight joint.

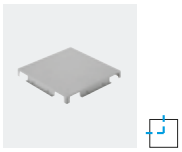


I GIUNTI NON SONO PORTANTI.
PER OGNI VIA DEL GIUNTO ORDINARE UN ACCESSORIO COD. A1699.
JOINTS ARE NOT LOAD BEARING.
ORDER AN ACCESSORY CODE A1699 FOR EACH WAY OF THE JOINT.



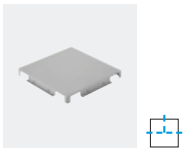
Code		Kg
A1707		0,40

Giunto 2 vie in acciaio verniciato a polvere.
Powder-painted steel 2 way joint.



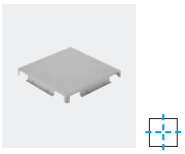
Code		Kg
A1708		0,40

Giunto 2 vie in acciaio verniciato a polvere.
Powder-painted steel 2 way joint.



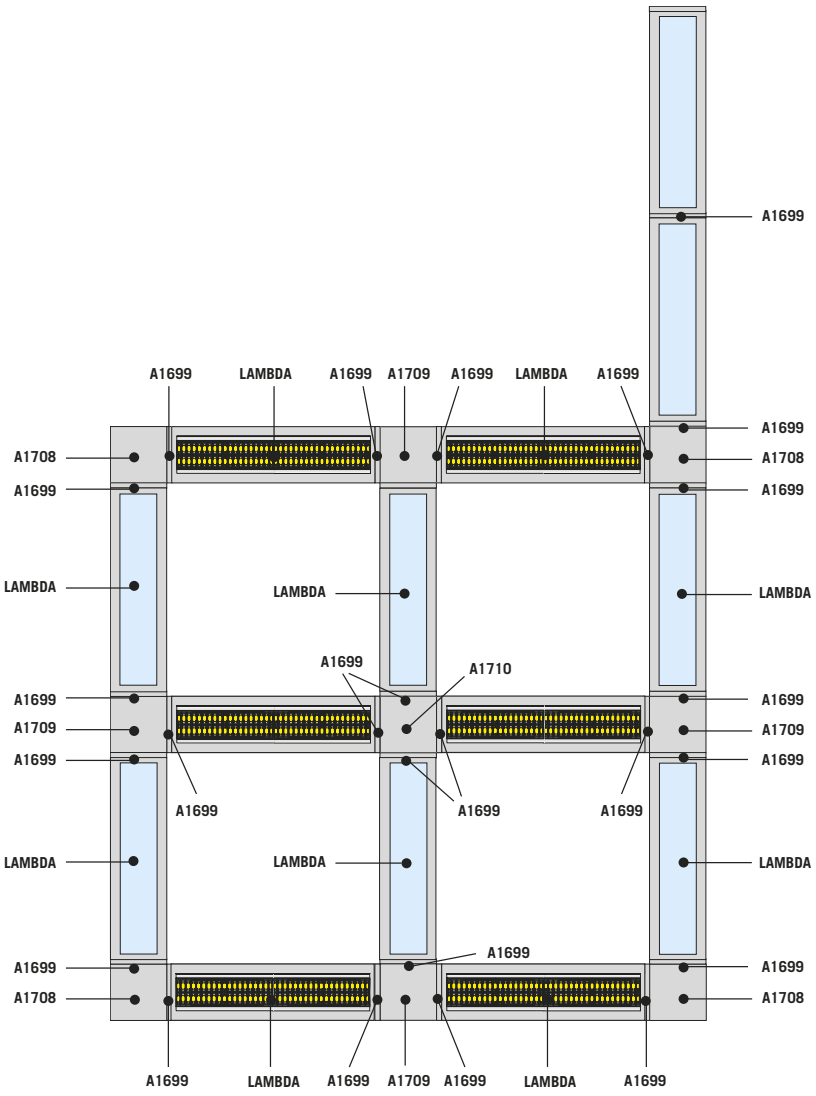
Code		Kg
A1709		0,50

Giunto 3 vie in acciaio verniciato a polvere.
Powder-painted steel 3 way joint.

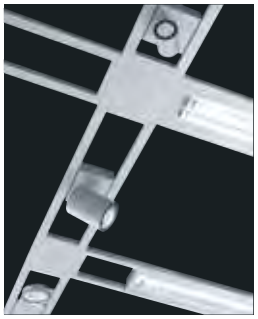


Code		Kg
A1710		0,50

Giunto 4 vie in acciaio verniciato a polvere.
Powder-painted steel 4 way joint.



Accessori, vedi pag. 78-79-80-81.
Accessories, see page 78-79-80-81.



CREA

Struttura portante a sospensione per sistemi d'illuminazione d'interni commerciali, costituito da due binari paralleli di sezione rettangolare in alluminio estruso, con testate in alluminio pressofuso e verniciatura a polvere poliestere, antingiallimento stabilizzata ai raggi UV.

Può essere installato singolarmente, composto in linea continua, oppure formare tracciati luminosi ad angolo retto, a seconda dello spazio in cui viene collocato.

L'interno dei binari permette il passaggio dei cavi d'alimentazione, e la cassetta di derivazione come accessorio contribuiscono alla semplificazione delle operazioni d'installazione.

Il sistema di aggancio delle funi per le sospensioni non ha punti prefissati, e può essere distribuito per tutta la lunghezza dell'estruso, rendendo ulteriormente flessibile la posizione di installazione della struttura. I vari elementi che la compongono sono anch'essi svincolati e si possono fissare in qualsiasi punto della struttura.

Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Suspended bearing structure for lighting systems in industrial/ commercial interiors, consisting of two extruded aluminium rectangular-section parallel tracks with die-cast aluminium heads and UV rays stabilized anti-yellowing polyester powder paint.

The structure can be installed individually or be arranged along a straight line or to create right-angle compositions, depending on the type of installation required.

The possibility to route the supply cables along the inner part of the tracks and the junction box, supplied as an accessory, further simplify installation.

There are no pre-set holes on the rope anchoring system, which can therefore be installed along the entire length of the extruded body, allowing to choose the best possible installation position. The various elements making up the structure are also detachable and can be anchored anywhere on the main frame.

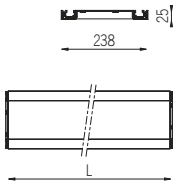
It complies with the EN 60598-1 and EN 60598-2-1 Standards.

modulo strutturale vuoto > *empty structural module*

11 ○ 21 ●



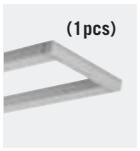
Code	WATT	SC	L	Kg
A1702		●	1000	1,20
A1703		●	2000	2,35
A1704		●	3000	3,50



Corpo in alluminio estruso.
Testate in alluminio pressofuso.
Verniciatura a polvere poliestere, antingiallimento stabilizzata ai raggi UV.
Extruded aluminium body.
Die-cast aluminium caps.
UV rays stabilized anti-yellowing polyester powder paint.

accessori > *accessories*

11 ○ 21 ●



Code		Kg
A1705	●	0,08

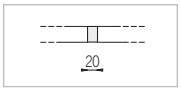
Testata finale in alluminio pressofuso.
Die cast aluminium end cap.

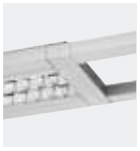




Code		Kg
A1706	●	0,05

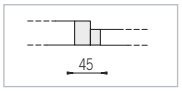
Giunto lineare in alluminio pressofuso.
Die cast aluminium straight joint.

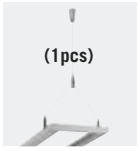




Code		Kg
A1711	●	0,25

Giunto lineare LAMBDA-CREA in alluminio pressofuso.
LAMBDA-CREA die cast aluminium straight joint.





Code		Kg
A1588	●	0,10

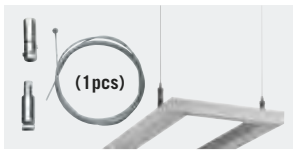
Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica.
Suspension with steel cable (1.5m) and millimetric regulation.



11 ○ 12 ●

Code		Kg
A1587	●	0,10

Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m) a regolazione millimetrica.
Engineering plastic suspension with steel cable (1.5m) and millimetric regulation.



Code		Kg
A1594	●	0,10

Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica.
Suspension with steel cable (1.5m) and millimetric regulation.

UTILIZZARE MINIMO 4 SOSPENSIONI PER OGNI MODULO STRUTTURALE.
USE AT LEAST 4 SUSPENSIONS FOR EACH MODULAR STRUCTURE.



11 ○ 12 ●

Per versioni dali-emergenza e dimm-emergenza usare un rosone codice A1191 e un rosone codice A1192.
Use cable cup code A1191 and A1192 for dali-emergency and dimm-emergency versions.

Code		Wiring		Kg
A1191	3x0,75 mmq	**CEI**	●	0,34
A1192	5x0,75 mmq	**CEI-EM, DALI, DIMM**	●	0,34
A1191 + A1192	3+5x0,75mmq	**DALI-EM e DIMM-EM**	●	0,68

Sospensione elettrificata con rosone in tecnopolimero e fune d'acciaio (1,5m).
Electrical suspension with engineering plastic cable cup and steel cable (1.5m).



11 ○ 12 ●

Per versioni dali-emergenza e dimm-emergenza usare un rosone codice A1194 e un rosone codice A1195.
Use cable cup code A1194 and A1195 for dali-emergency and dimm-emergency versions.

Code		Wiring		Kg
A1194	3x0,75 mmq	**CEI**	●	0,20
A1195	5x0,75 mmq	**CEI-EM, DALI, DIMM**	●	0,20
A1194 + A1195	3+5x0,75 mmq	**DALI-EM e DIMM-EM**	●	0,40

Rosone in tecnopolimero. Cavo d'alimentazione per altezza massima di 1,5m.
Engineering plastic cable cup. Main cable up to 1.5m long.



LAMBDA
Per codici apparecchio vedi pag. 74.
See luminaire codes on page 74.



MODAL 1
Per codici apparecchio vedi pag. 82.
See luminaire codes on page 82.



MODAL 2
Per codici apparecchio vedi pag. 83.
See luminaire codes on page 83.



SPOT
Per codici apparecchio vedi pag. 84.
See luminaire codes on page 84.



THETA
Per codici apparecchio vedi pag. 86.
See luminaire codes on page 86.



DEMO200
Per codici apparecchio vedi pagina 196.
See luminaire codes on page 196.



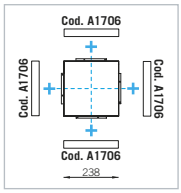
JUNOLED
Per codici apparecchio vedi pagina 111.
See luminaire codes on page 111.



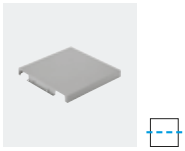
ICAROLED
Per codici apparecchio vedi pagina 112.
See luminaire codes on page 112.



ARA
Per codici apparecchio vedi pag. 113.
See luminaire codes on page 113.

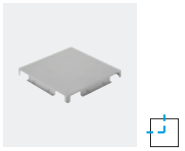


I GIUNTI NON SONO PORTANTI.
PER OGNI VIA DEL GIUNTO ORDINARE UN ACCESSORIO COD. A1699.
JOINTS ARE NOT LOAD BEARING.
ORDER AN ACCESSORY CODE A1699 FOR EACH WAY OF THE JOINT.



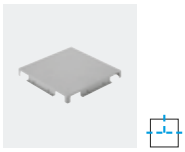
Giunto 2 vie in acciaio verniciato a polvere.
Powder-painted steel 2 way joint.

Code		Kg
A1707		0,40



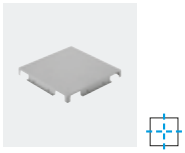
Giunto 2 vie in acciaio verniciato a polvere.
Powder-painted steel 2 way joint.

Code		Kg
A1708		0,40



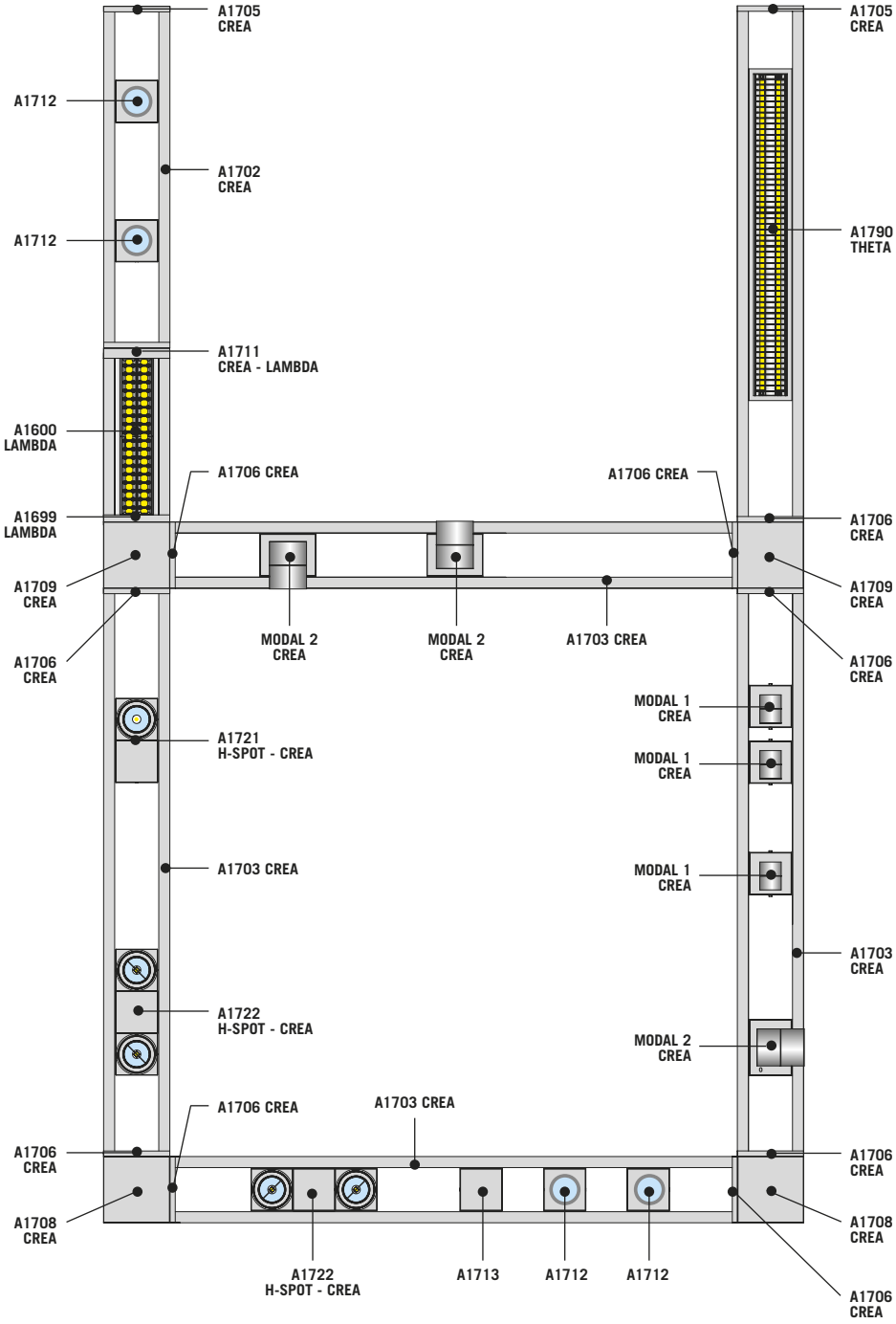
Giunto 3 vie in acciaio verniciato a polvere.
Powder-painted steel 3 way joint.

Code		Kg
A1709		0,50

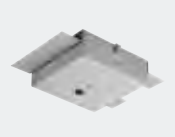


Giunto 4 vie in acciaio verniciato a polvere.
Powder-painted steel 4 way joint.

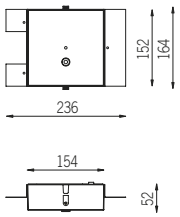
Code		Kg
A1710		0,50

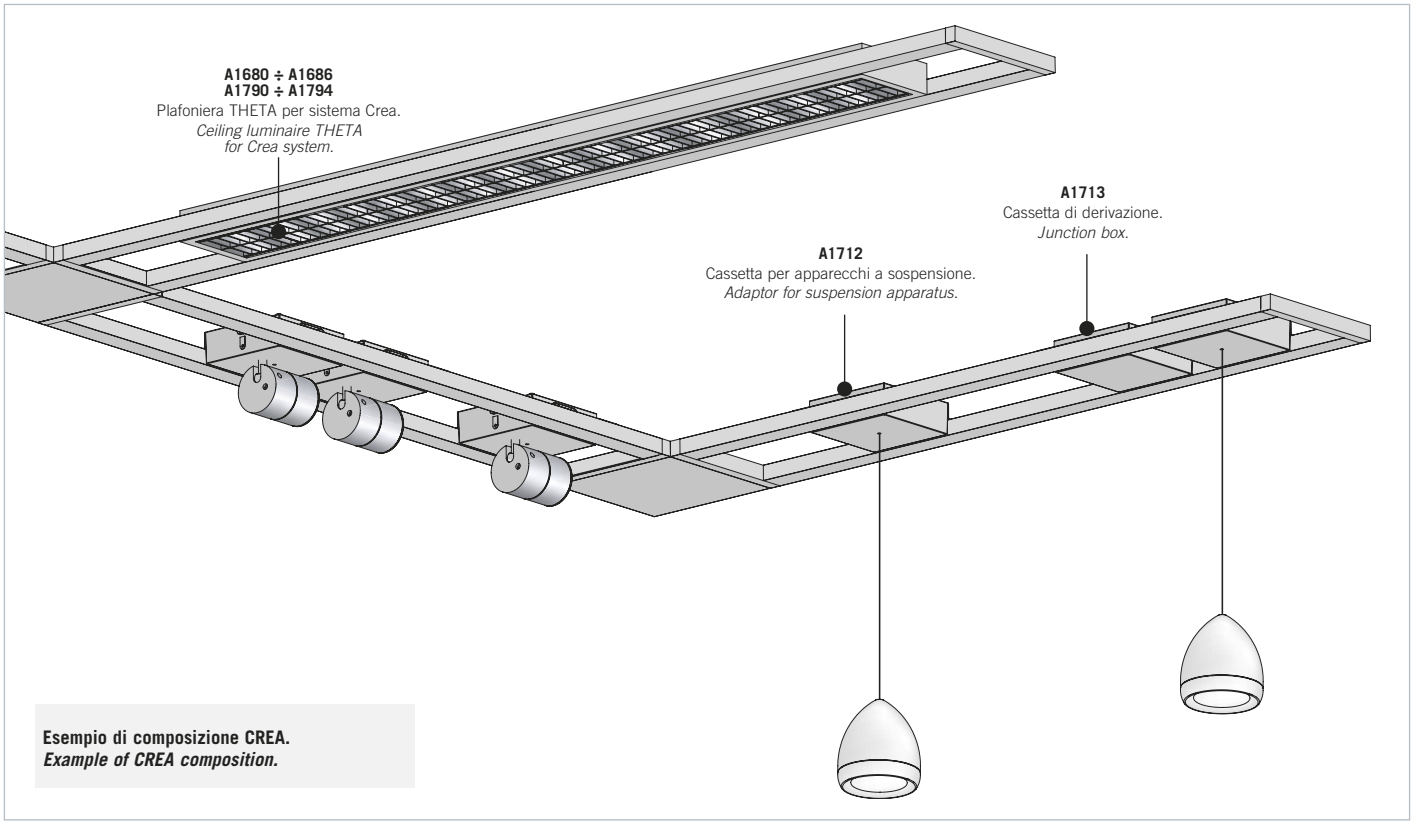


cassetta per apparecchi a sospensione > *adaptor for suspension apparatus* 11 ○ 21 ●



Code	WATT	SC	L	Kg
A1712		●	164	1,00



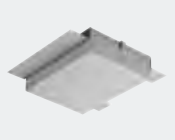


Esempio di composizione CREA.
Example of CREA composition.

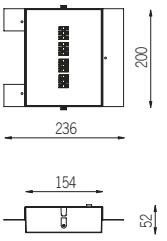


cassetta di derivazione > *junction box*

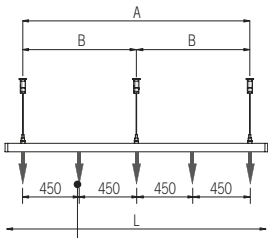
11 ○ 21 ●



Code	WATT	SC	L	Kg
A1713		●	200	1,00

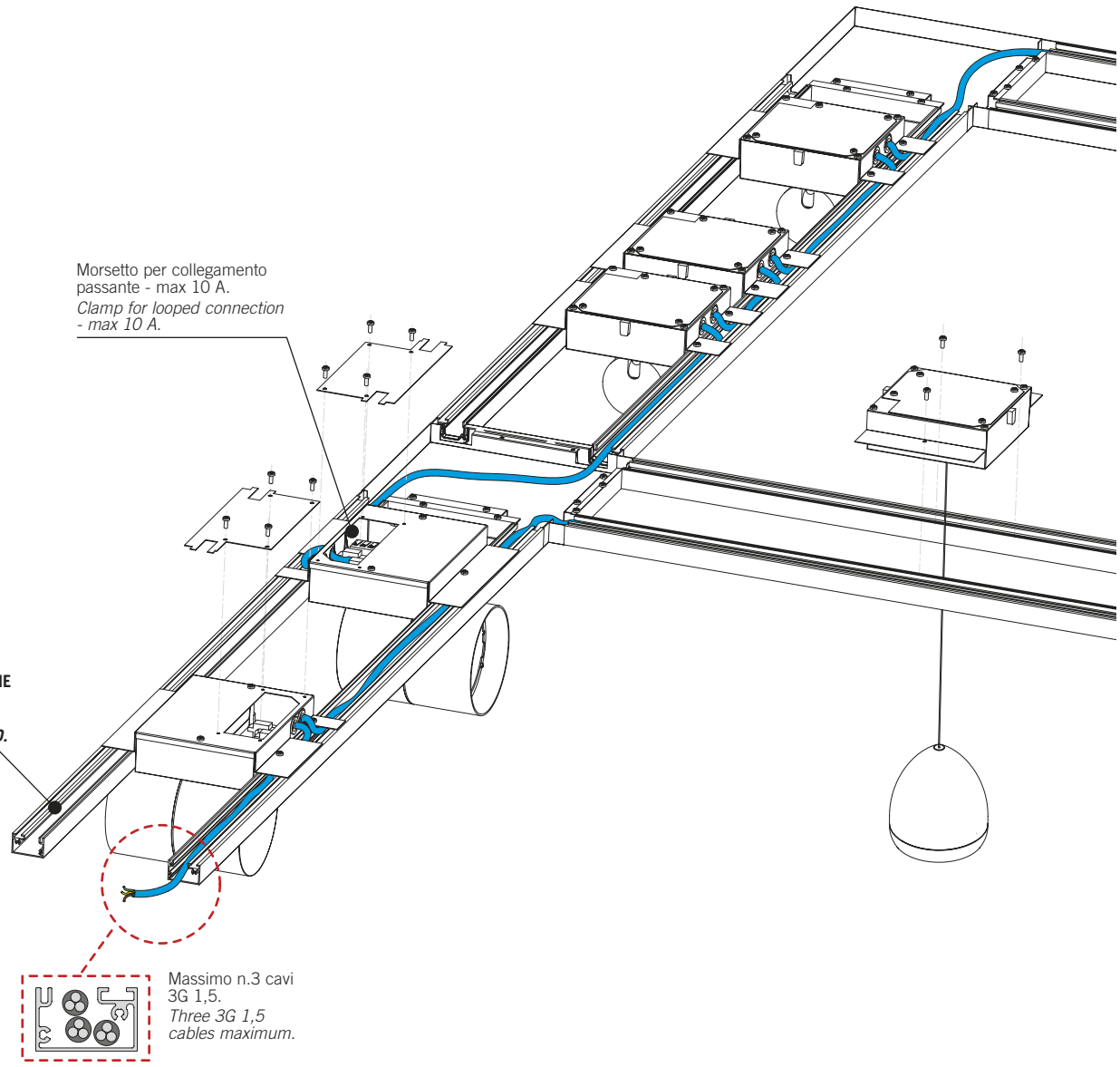


PESO MASSIMO UNIFORMEMENTE DISTRIBUITO SOPPORTABILE DAL MODULO STRUTTURALE VUOTO.
MAXIMUM BEARABLE WEIGHT (EVENLY DISTRIBUTED) FOR THE EMPTY MODULAR STRUCTURE.



Peso degli apparecchi
Weight of the fittings

L (mm)	A (mm)	B (mm)	Kg x	Tot.
1000	900		3,0 x 3	9
2000	1800		2,0 x 5	10
2000	1800	900	3,0 x 5	15
3000	2800	1400	2,0 x 7	14





CREAMODAL 1

Apparecchio
Corpo in alluminio pressofuso.
Copertura in lamiera d'acciaio verniciato.
Anello in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Lenti LED in PMMA.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
LED con efficienza nominale sino a 90lumen/Watt (4000K - 700mA - CRI>90 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.
Installazione
Installazione con sistema CREA.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Painted sheet steel cover.
Die-cast aluminium ring.
Polyester powder paint resistant to UV rays.
PMMA lenses for LEDs.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Nominal LED efficacy up to 90lumen/Watt (4000K - 700mA - CRI>90 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Available with conventional lamps.
Installation
Installation with CREA system.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

LED

11 ○ 21 ●

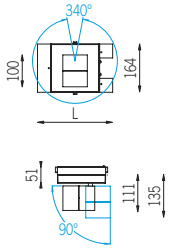


Code	WATT	CEI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio concentrante > *narrow beam*											
A1749	**10W LED**	●	●	⏚	690	560	●	3000	90	236	1,50
A1750	**10W LED**	●	●	⏚	750	600	●	4000	90	236	1,50
fascio medio > *medium beam*											
A1751	**10W LED**	●	●	⏚	690	520	●	3000	90	236	1,50
A1752	**10W LED**	●	●	⏚	750	560	●	4000	90	236	1,50

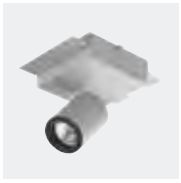
10° 30°

LED

IP20



11 ○ 21 ●



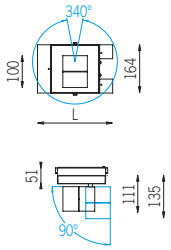
Code	WATT	CEI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	L	Kg
fascio medio > *medium beam*											
A1725	1x GU5,3	●		⏚				3000		236	1,60

26°

GU5,3 **LED 12Volt**

GU5,3 **20/35W HRG1 12Volt**

IP20



accessori MODAL 1 > *MODAL 1 accessories*

12 ●



Code		Kg
B3263-12	●	0,03

Visiera parallela.
Cylindrical visor.



Code		Kg
B3264-12	●	0,02

Visiera inclinata.
Sloped visor.



Code		Kg
B3265-12	●	0,02

Frangiluce.
Louvre.



CREAMODAL 2

Apparecchio
Corpo in alluminio pressofuso.
Copertura in lamiera d'acciaio verniciato.
Anello in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Lenti LED in PMMA.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 107lumen/Watt (4000K - 500mA - CRI>90 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione con sistema CREA.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Painted sheet steel cover.
Die-cast aluminium ring.
Polyester powder paint resistant to UV rays.
PMMA lenses for LEDs.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 107lumen/Watt (4000K - 500mA - CRI>90 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Installation with CREA system.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

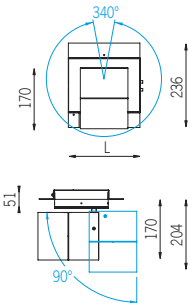


LED

11 ○ 21 ●

Code	WATT	CEI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
fascio concentrante > *narrow beam*											
A1745	13W LED	●	●	⏚	1150	860	●	3000	90	200	2,30
A1746	13W LED	●	●	⏚	1250	930	●	4000	90	200	2,30
fascio medio > *medium beam*											
A1747	13W LED	●	●	⏚	1150	760	●	3000	90	200	2,30
A1748	13W LED	●	●	⏚	1250	810	●	4000	90	200	2,30

10°
30°
LED
IP20



accessori MODAL 2 > *MODAL 2 accessories*

12 ●



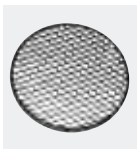
Code		Kg
B3275-12	●	0,06

Visiera parallela.
Cylindrical visor.



Code		Kg
B3276-12	●	0,05

Visiera inclinata.
Sloped visor.



Code		Kg
B3277-12	●	0,05

Frangiluce.
Louvre.



CREASPOT

Apparecchio
Corpo in alluminio pressofuso.
Copertura in lamiera d'acciaio verniciato.
Anello in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 113lumen/Watt (4000K - 350mA -CRI>80) - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione con sistema CREA.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Painted sheet steel cover.
Die-cast aluminium ring.
Polyester powder paint resistant to UV rays.
Reflector made of engineering plastic metalized in high-vacuum.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 113lumen/Watt (4000K - 350mA -CRI>80) - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Installation with CREA system.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".



La lampada viene sostituita attraverso un comodo sistema a molle, che non richiede strumenti da parte dell'operatore.
The lamp can be easily replaced through a spring system without using any kind of tools.


LED 22W


12 Volt G53 HMG

Spot LED 1x

11 ○ 21 ●



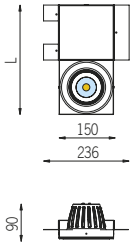
Riflettore in materiale termoplastico metallizzato.
Metalized thermoplastic reflector.

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio concentrante > *narrow beam*													
A1761	1x **13W LED**	●	●	●	⏚	1x 1000	1x 860	●	50	3000	90	305	1,25
A1762	1x **13W LED**	●	●	●	⏚	1x 1300	1x 1120	●	50	4000	80	305	1,25
fascio medio > *medium beam*													
A1763	1x **13W LED**	●	●	●	⏚	1x 1000	1x 860	●	50	3000	90	305	1,25
A1764	1x **13W LED**	●	●	●	⏚	1x 1300	1x 1120	●	50	4000	80	305	1,25
fascio diffondente > *wide beam*													
A1765	1x **13W LED**	●	●	●	⏚	1x 1000	1x 770	●	50	3000	90	305	1,25
A1766	1x **13W LED**	●	●	●	⏚	1x 1000	1x 1000	●	50	4000	80	305	1,25

16° 37° 74°

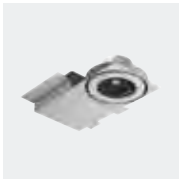
LED

IP20 850°C



Spot LED 1x

11 ○ 21 ●



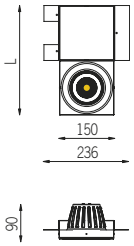
Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio diffondente • ottica GC nera > *wide beam • black GC optic*													
A1767	1x **13W LED**	●	●	●	⏚	1x 1000	1x 560	●	50	3000	90	305	1,25
A1768	1x **13W LED**	●	●	●	⏚	1x 1300	1x 730	●	50	4000	80	305	1,25

66°

LED

IP20 850°C



Spot LED 2x

11 ○ 21 ●



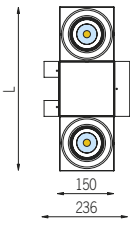
Riflettore in materiale termoplastico metallizzato.
Metalized thermoplastic reflector.

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio concentrante > *narrow beam*													
A1769	2x **13W LED**	●	●	●	⏚	2x 1000	2x 860	●	50	3000	90	452	1,95
A1770	2x **13W LED**	●	●	●	⏚	2x 1300	2x 1120	●	50	4000	80	452	1,95
fascio medio > *medium beam*													
A1771	2x **13W LED**	●	●	●	⏚	2x 1000	2x 860	●	50	3000	90	452	1,95
A1772	2x **13W LED**	●	●	●	⏚	2x 1300	2x 1120	●	50	4000	80	452	1,95
fascio diffondente > *wide beam*													
A1773	2x **13W LED**	●	●	●	⏚	2x 1000	2x 770	●	50	3000	90	452	1,95
A1774	2x **13W LED**	●	●	●	⏚	2x 1300	2x 1000	●	50	4000	80	452	1,95

16° 37° 74°

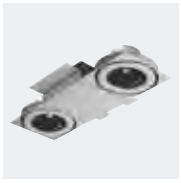
LED

IP20 850°C



Spot LED 2x

11 ○ 21 ●



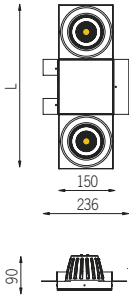
Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio diffondente • ottica GC nera > *wide beam • black GC optic*													
A1775	2x **13W LED**	●	●	●	⏚	2x 1000	2x 560	●	50	3000	90	452	1,95
A1776	2x **13W LED**	●	●	●	⏚	2x 1300	2x 730	●	50	4000	80	452	1,95

66°

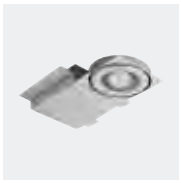
LED

IP20 850°C



Spot LED 1x

11 ○ 21 ●



Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio medio > *medium beam*													
A1777	1x **32W LED**	●	●	●	⏚	1x 3300		●	50	3000	80	305	1,25
A1778	1x **32W LED**	●	●	●	⏚	1x 3600		●	50	4000	80	305	1,25

24°

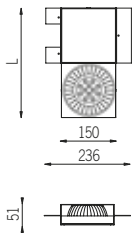
fascio diffondente > *wide beam*

A1779	1x **32W LED**	●	●	●	⏚	1x 3300		●	50	3000	80	305	1,25
A1780	1x **32W LED**	●	●	●	⏚	1x 3600		●	50	4000	80	305	1,25

40°

LED

IP20 850°C



Spot LED 2x

11 ○ 21 ●



Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio medio > *medium beam*													
A1781	2x **22W LED**	●	●	●	⏚	2x 2300		●	50	3000	80	502	1,95
A1782	2x **22W LED**	●	●	●	⏚	2x 2500		●	50	4000	80	502	1,95

24°

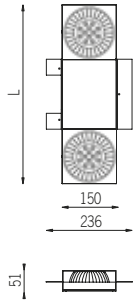
fascio diffondente > *wide beam*

A1783	2x **22W LED**	●	●	●	⏚	2x 2300		●	50	3000	80	502	1,95
A1784	2x **22W LED**	●	●	●	⏚	2x 2500		●	50	4000	80	502	1,95

40°

LED

IP20 850°C





CREATHETA

Apparecchio
Corpo in lamiera di acciaio.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta cablaggio emergenza con autotest.
Ottica biparabolica bassa luminanza 65° in alluminio 99,98 anodizzato speculare antiridescente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 115lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione con sistema CREA.
Molle a scomparsa su alluminio estruso.

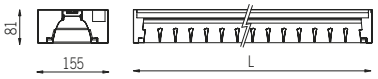
Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Sheet steel body.
Polyester powder paint resistant to UV rays.
Available on request: emergency wiring with autotest.
65° low luminance biparabolic reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 115lumen/Watt (4000K - 350mA - CRI>80 - Tc=65°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Installation with CREA system.
Hidden springs on extruded aluminium frame.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".





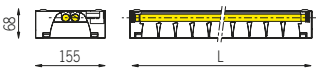
UGR<19

LED 11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	L	Kg
luce diretta > *direct light*													
A1790	**24W LED**	●	●			⏚	2600	1200	●	3000	80	578	2,15
A1791	**24W LED**	●	●			⏚	2700	1300	●	4000	80	578	2,15
A1793	**48W LED**	●	●	●	●	⏚	5200	2450	●	3000	80	1178	3,30
A1794	**48W LED**	●	●	●	●	⏚	5450	2550	●	4000	80	1178	3,30

LED

IP20 850°C





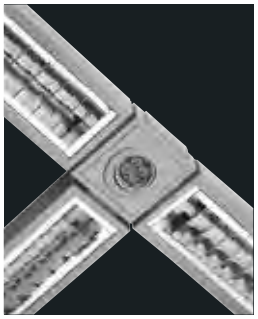
UGR<19

Low luminance ≤ 500 cd m^{-2} 11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	L	Kg
luce diretta > *direct light*													
A1680	2x **14/24W FD** G5	●	●			⏚						578	1,70
A1681	2x **28/54W FD** G5	●	●			⏚						1178	2,40
luce diretta/indiretta > *direct/indirect light*													
A1685	2x **14/24W FD** G5	●	●			⏚						578	1,60
A1686	2x **28/54W FD** G5	●	●			⏚						1178	2,20

G5 **FD**

IP20 850°C



BETAT5

Apparecchio
Corpo in lamiera di acciaio.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
A richiesta cablaggio emergenza con autotest.
Riflettore in alluminio 99,98 anodizzato speculare antiridiscente o satinato.
Il processo di anodizzazione garantisce l'assenza di screpolature e un elevato rendimento ottico.
Schermo in policarbonato opale stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
Disponibili versioni con lampade tradizionali.
Installazione
Installazione a plafone o a sospensione.
Fissaggio con molle in acciaio inossidabile.

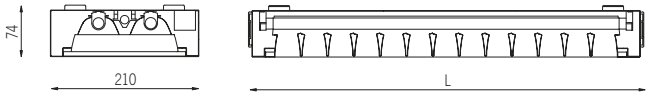
Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

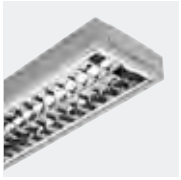
Luminaire
Sheet steel body.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Available on request: emergency wiring with autotest.
Reflector made of 99,98 anodized aluminium with satin or non-iridescent specular finishing.
Anodisation guarantees the absence of crackings and an excellent optical efficiency.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing opal polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Available with conventional lamps.
Installation
Ceiling or suspended installation.
Stainless steel spring clips.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 88.
Accessories, see page 88.







luce diretta > *direct light*

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	L	Kg	11 ○ 21 ●
DLS 65° T5 - Low luminance ≤ 1000 cd m^{-2}												
A1400	2x **28/54W FD** G5	●	●	⏚						1198	3,40	
A1401	2x **35/49/80W FD** G5	●	●	⏚						1498	4,00	

G5 **FD**

Installabile direttamente a plafone senza l'utilizzo di accessori.
Direct ceiling installation without accessories.

IP20 850°C V0

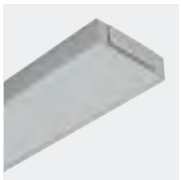


luce diretta/indiretta > *direct/indirect light*

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	L	Kg	11 ○ 21 ●
DLS 65° T5 - Low luminance ≤ 1000 cd m^{-2}												
A1405	2x **28/54W FD** G5	●	●	⏚						1198	3,60	
A1406	2x **35/49/80W FD** G5	●	●	⏚						1498	4,20	

G5 **FD**

IP20 850°C V0



modulo strutturale > *structural module*

Code	WATT	SC	Class	LAMP	L	Kg	11 ○ 21 ●
A1394		●	⏚		1198	4,15	
A1395		●	⏚		1498	5,15	

Installabile direttamente a plafone senza l'utilizzo di accessori.
Direct ceiling installation without accessories.

IP20 850°C V0

accessori bilampada > *two lamps accessories*

11 ○ 21 ●



Code		Kg
J1394	●	0,28

Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m) a regolazione millimetrica.
Engineering plastic suspension with steel cable (1.5m) and millimetric regulation.



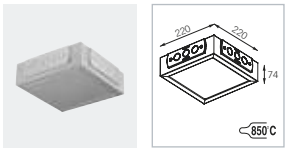
Code		Kg
A1388	●	0,54

Sospensione elettrificata a 3 poli con rosone in tecnopolimero e fune d'acciaio (1,5m) a regolazione millimetrica.
3 way terminal block electrified suspension with engineering plastic cable cup and steel cable (1.5m) with millimetric regulation.



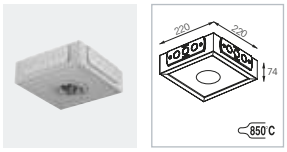
Code		Kg
A1389	●	0,56

Sospensione elettrificata a 5 poli con rosone in tecnopolimero e fune d'acciaio (1,5m) a regolazione millimetrica.
5 way terminal block electrified suspension with engineering plastic cable cup and steel cable (1.5m) with millimetric regulation.



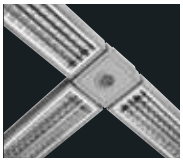
Code		Kg
A1397	●	0,90

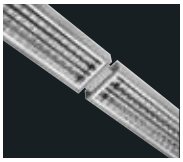
Giunto 2 - 3 - 4 vie.
2 - 3 - 4 way joint.

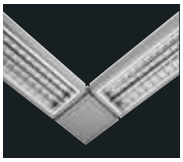


Code		Kg
A1398	●	1,20

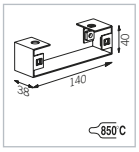
Giunto 2 - 3 - 4 vie con faretto LED.
2 - 3 - 4 way joint with LED downlight.











Code		Kg
A1396	●	0,18

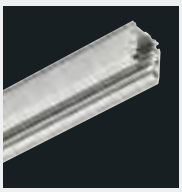
Giunto lineare.
Straight joint.



Code		Kg
A1392	●	0,02

Giunzione a scomparsa.
Hidden joint.

BINARI ELETTRIFICATI E SPOT
ELECTRIFIED TRACKS AND SPOTLIGHTS



90
BINARIO ELETTRIFICATO DALI
ELECTRIFIED DALI TRACK



94
OPERA
PARETE
WALL MOUNTING



95
OPERA



98
FOBO1



100
FOBO2



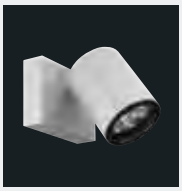
103
MODAL1



104
MODAL1
PARETE
WALL MOUNTING



105
MODAL2



106
MODAL2
PARETE
WALL MOUNTING



106
MODAL2
PLAFONE
CEILING



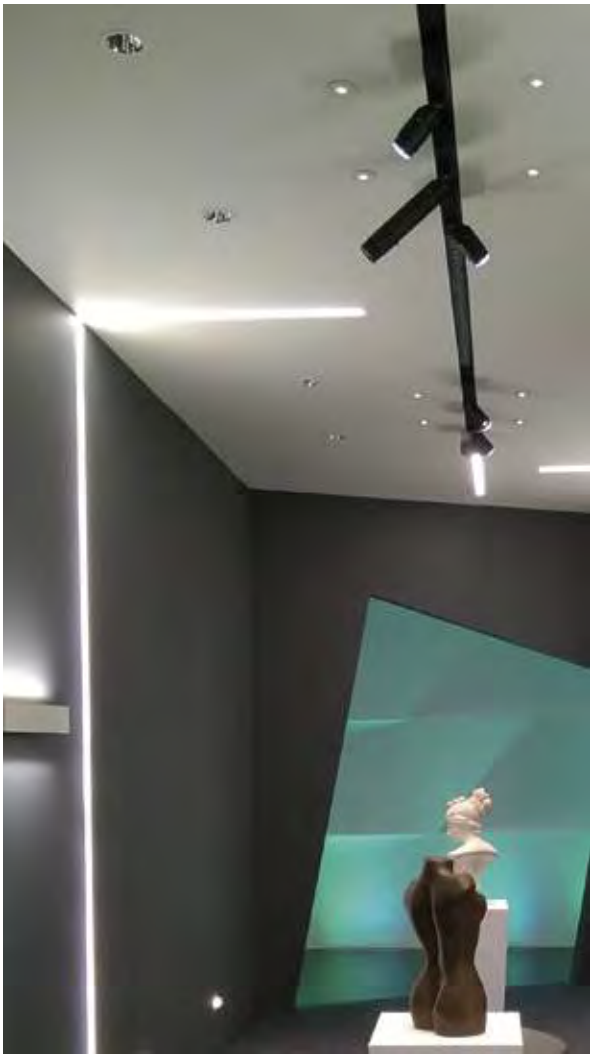
69
RIGO GCO50
SPOT

BINARIO ELETTRIFICATO DALI
ELECTRIFIED DALI TRACK

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi sezione "Controllo della luce".
These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".



Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



Disponibili apparecchi a sospensione a LED con attacco per binario elettrificato.
Available LED suspension-mount lighting fittings with electrified track adapter.



JUNOLED
Per codici apparecchio vedi pagina 111.
See luminaire codes on page 111.



ICAROLED
Per codici apparecchio vedi pagina 112.
See luminaire codes on page 112.



ARALED
Per codici apparecchio vedi pagina 113.
See luminaire codes on page 113.



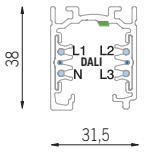
RIGO GCO50 SPOT
Per codici apparecchio vedi pagina 69.
See luminaire codes on page 69.

binario 3 fasi DALI > *3 phase DALI track*

11 ○ 12 ● 33 ●



Code	WATT	CEI	DALI	L	Kg
B9101-11/12			●	1000	1,10
B9101-33			●	1000	1,10
B9102-11/12			●	2000	2,10
B9102-33			●	2000	2,10
B9103-11/12			●	3000	3,40
B9103-33			●	3000	3,40



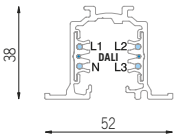
Accessori, vedi pag. 91-92-93.
Accessories, see page 91-92-93.

binario incasso 3 fasi DALI > *3 phase recessed DALI track*

11 ○ 12 ● 33 ●



Code	WATT	CEI	DALI	L	Kg
B9121-11/12			●	1000	1,10
B9121-33			●	1000	1,10
B9122-11/12			●	2000	2,30
B9122-33			●	2000	2,30
B9123-11/12			●	3000	3,20
B9123-33			●	3000	3,20



Accessori, vedi pag. 91-92-93.
Accessories, see page 91-92-93.

accessori > *accessories*

11 ○ 12 ● 33 ●



Code		Kg
B9137	●	0,05

Sospensione semplice con fune d'acciaio (1,5m).
Suspension with steel cable (1.5m).
Fmax 100 N
Da utilizzare unitamente al codice B9135 o B9136.
To be used with either B9135 or B9136.



Code		Kg
B9138	●	0,01
B9139	●	1,50

Morsetto serrafune.
Cavo in accaio -100m.
Cable clamp.
Steel wire - 100m.



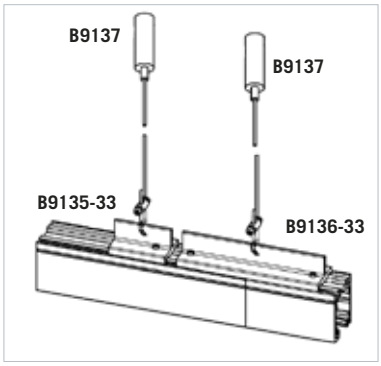
Code		Kg
B9135-33	●	0,02

Attacco a sospensione.
Suspension clamp.



Code		Kg
B9136-33	●	0,05

Supporto sospensione centrale L=100mm.
Middle suspension clamp L=100mm.





Code		Kg
B9140	●	0,21

Sospensione semplice con fune d'acciaio (1,5) a regolazione millimetrica.
Suspension with steel cable (1.5m) with milimetric adjustment.
Fmax 150 N



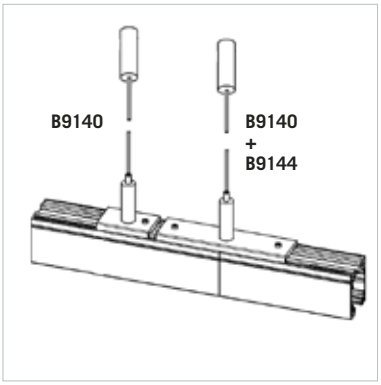
Code	L		Kg
B9141-11/12	0,05	●	0,21
B9142-11/12	1,00	●	0,30
B9143-11/12	1,50	●	0,35

Sospensione con TIGES Ø10.
Suspension with TIGES Ø10.
Fmax 200 N



Code		Kg
B9144	●	0,05

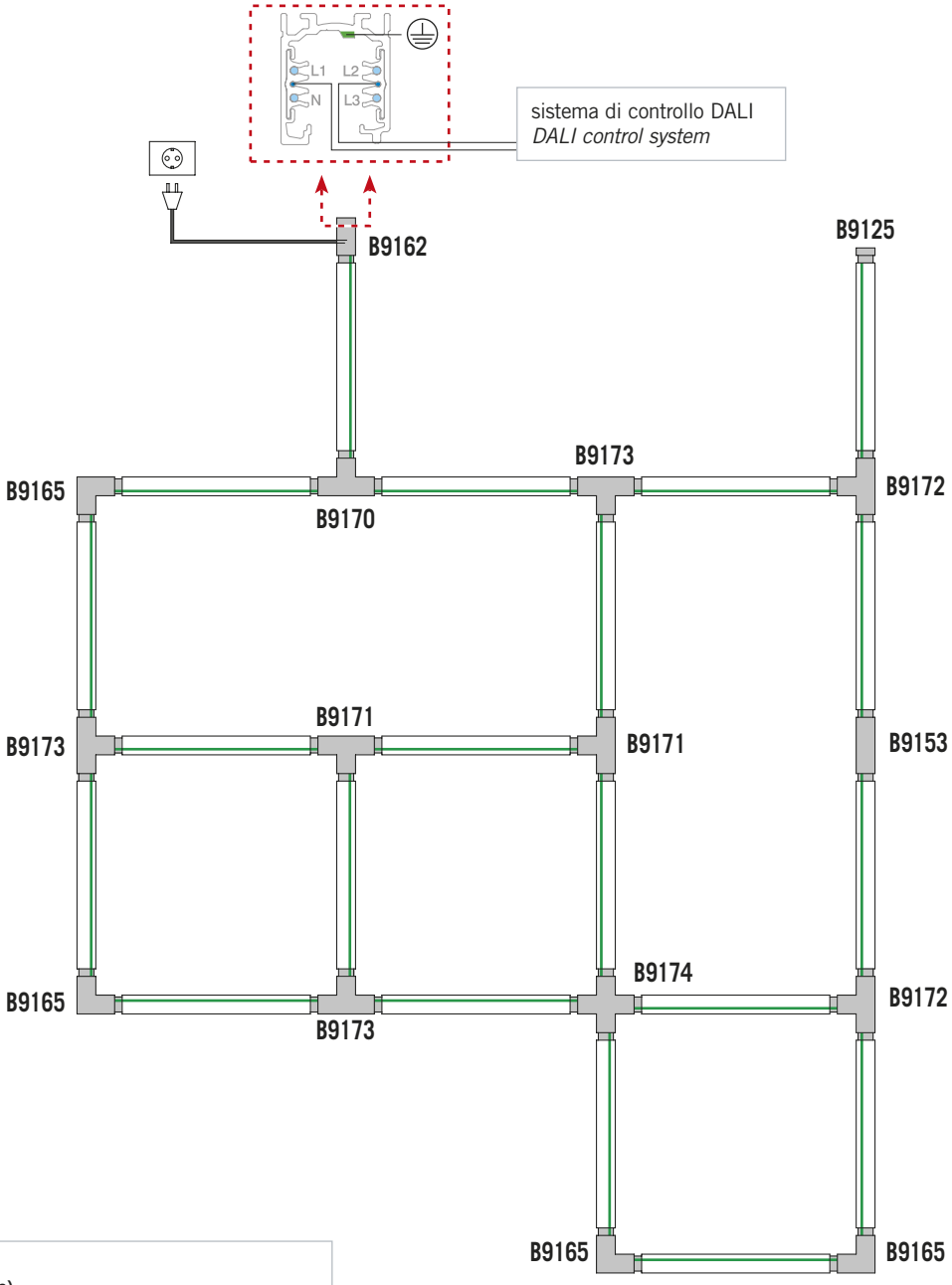
Staffa lunga per sospensione giunti lineari.
Long bracket pendant for joint suspension.
Fmax 200 N





Code		Kg
B9134-33	●	0,01

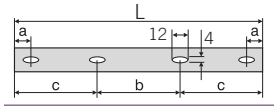
Attacco rapido a soffitto.
Ceiling clamp.

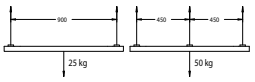


Chiudere sempre il binario con la testata finale cod. B9125-11, B9125-12, B9125-33, B9133-11, B9133-12, B9133-33 (vedi pag. 93).
Always close the electrified track with the end cap cod. B9125-11, B9125-12, B9125-33, B9133-11, B9133-12, B9133-33 (see page 93).

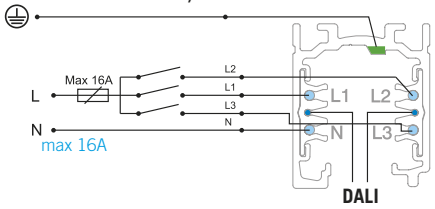
Distanza di fissaggio e capacità di carico.
I binari vengono forniti con fori di fissaggio (vedi tabella).
Distanza di fissaggio raccomandata L=1000 mm.
The fastening distance and the loading capacity.
The tracks are supplied complete with punched fastening holes (see the table).
The recommended fastening distance is L=1000 mm.

L mm	a mm	b mm	c mm
2000	250	500	750
3000	250	500	750

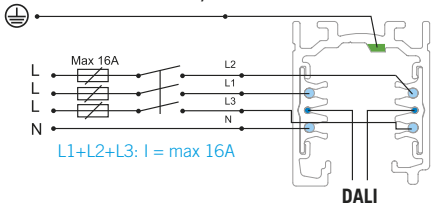




230V - 16A - 3,7 KW



400V - 16A - 11,1 KW



accessori > *accessories*

11 ○ 12 ● 33 ●



Code	Kg
B9129	0,10

Tronchese per taglio conduttori del binario.
Cutting tool for track conductors.



Code	Kg
B9125-11	0,01
B9125-12	0,01
B9125-33	0,01

Testata finale.
End cap.



Code	Kg
B9133-11	0,01
B9133-12	0,01
B9133-33	0,01

Testata finale per binario a incasso.
Recessed track end cap.



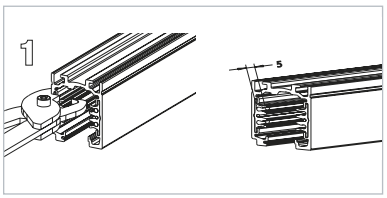
Code	Kg
B9126-11	0,12
B9126-12	0,12
B9126-33	0,12

Copertura binario, lunghezza 1m.
Cover strip, lenght 1m.



Code	Kg
B9127-33	0,01

Tappo di protezione supplementare per asole
Additional closure cap for track slots.



I binari elettrificati vengono forniti con una lunghezza standard. Quando occorre eseguire delle misure personalizzate occorre tagliarli con un seghetto o una sega circolare adatta per alluminio. Dopo aver tagliato il binario occorre accorciare i contatti con l'apposito accessorio cod B9129 per una lunghezza di almeno 5mm.
The electrified tracks are supplied in standard lenghts. If customized measures are required, cut the track with a hacksaw or a circular saw for aluminium. After the track has been cut, the conductors have to be cut with the dedicated accessory cod. B9129 at least 5mm.



Code	Kg
B9161-11	0,10
B9161-12	0,10
B9161-33	0,10

Code	Kg
B9162-11	0,10
B9162-12	0,10
B9162-33	0,10

Arrivo linea elettrico 3 fasi.
3 phase end feed.



Code	Kg
B9163-11	0,19
B9163-12	0,19
B9163-33	0,19

Connettore elettrico lineare - 3 fasi.
3 phase middle feed.



Code	Kg
B9165-11	0,15
B9165-12	0,15
B9165-33	0,15

Code	Kg
B9166-11	0,15
B9166-12	0,15
B9166-33	0,15

Connettore elettrico a L - 3 fasi.
3 phase L-connector.



Code	Kg
B9167-11	0,24
B9167-12	0,24
B9167-33	0,24

Connettore elettrico flessibile 3 fasi.
3 phase flexible corner connector.



Code	Kg
B9164-11	0,05
B9164-12	0,05
B9164-33	0,05

Connettore elettrico a scomparsa - 3 fasi.
3 phase straight connector.



Code	Kg
B9174-11	0,38
B9174-12	0,38
B9174-33	0,38

Connettore elettrico a X - 3 fasi.
3 phase X-connector.



Code	Kg
B9170-11	0,28
B9170-12	0,28
B9170-33	0,28

Code	Kg
B9171-11	0,28
B9171-12	0,28
B9171-33	0,28

Code	Kg
B9172-11	0,28
B9172-12	0,28
B9172-33	0,28

Code	Kg
B9173-11	0,28
B9173-12	0,28
B9173-33	0,28

Connettore elettrico a T - 3 fasi.
3 phase T-connector.



Code	Kg
B9190-11	0,01
B9190-12	0,01
B9190-33	0,01

Copertura arrivo linea elettrico.
Recesed cover for 3 phase end feed.



Code	Kg
B9193-11	0,03
B9193-12	0,03
B9193-33	0,03

Copertura giunto elettrico a L.
Recesed cover for 3 phase L-connector.



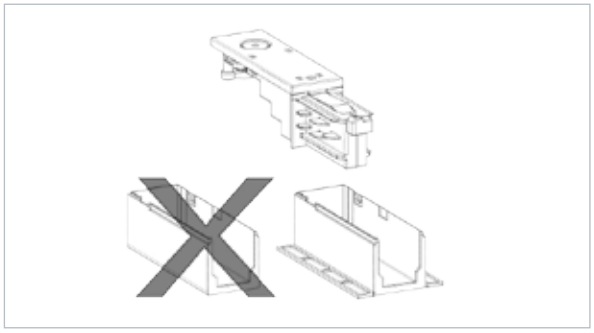
Code	Kg
B9192-11	0,03
B9192-12	0,03
B9192-33	0,03

Copertura giunto elettrico a X.
Recesed cover for 3 phase X-connector.



Code	Kg
B9191-11	0,03
B9191-12	0,03
B9191-33	0,03

Copertura giunto elettrico a T.
Recesed cover for 3 phase T-connector.





OPERA

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Lenti LED in PMMA.
Visiera in tecnopolimero nero.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 128lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione a binario o a parete.
Basetta di fissaggio in alluminio pressofuso.
Adattatore a binario elettrificato in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Polyester powder paint resistant to UV rays.
Reflector made of engineering plastic metalized in high-vacuum.
PMMA lenses for LEDs.
Visor made of black engineering plastic.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 128lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.

Installation
Track or wall mounted installation.
Die-cast aluiminium base plate.
Engineering plastic track adaptor.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 96-97.
Accessories, see page 96-97.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

VERSIONE A PARETE / PLAFONE
WALL MOUNTING / CEILING MOUNTING



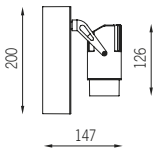
con riflettore > *with reflector*

11 ○ 12 ●

Code	WATT	SC	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*												
B3560	**13W LED**	●		●		1250	900	●		2700	90	0,95
B3561	**13W LED**	●		●		1300	950	●		3000	90	0,95
B3562	**13W LED**	●		●		1600	1100	●		4000	80	0,95
fascio medio > *medium beam*												
B3563	**13W LED**	●		●		1250	860	●		2700	90	0,95
B3564	**13W LED**	●		●		1300	910	●		3000	90	0,95
B3565	**13W LED**	●		●		1600	1050	●		4000	80	0,95
fascio diffondente > *wide beam*												
B3566	**13W LED**	●		●		1250	770	●		2700	90	0,95
B3567	**13W LED**	●		●		1300	820	●		3000	90	0,95
B3568	**13W LED**	●		●		1600	950	●		4000	80	0,95

12° 24° 36°

LED **IP20**





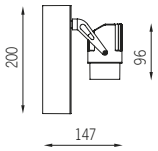
con lente > *with lens*

11 ○ 12 ●

Code	WATT	SC	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*												
B3550	**10W LED**	●		●		910	850	●		2700	90	0,90
B3551	**10W LED**	●		●		940	900	●		3000	90	0,90
B3552	**10W LED**	●		●		1350	1000	●		4000	80	0,90
fascio medio > *medium beam*												
B3553	**10W LED**	●		●		910	810	●		2700	90	0,90
B3554	**10W LED**	●		●		940	860	●		3000	90	0,90
B3555	**10W LED**	●		●		1350	970	●		4000	80	0,90

13° 25°

LED **IP20**



Zoom e sagomatore di luce disponibili su richiesta.

Zoom and light framer available on request.



VERSIONE A BINARIO ELETTRIFICATO
ELECTRIFIED TRACK MOUNTING

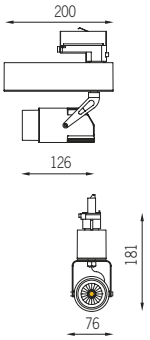


con riflettore > *with reflector*

11 ○ 12 ●

Code	WATT	SC	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*												
12°	**B3530**	**13W LED**		●	●	1250	900	●		2700	90	1,05
	B3531	**13W LED**		●	●	1300	950	●		3000	90	1,05
	B3532	**13W LED**		●	●	1600	1100	●		4000	80	1,05
fascio medio > *medium beam*												
24°	**B3533**	**13W LED**		●	●	1250	860	●		2700	90	1,05
	B3534	**13W LED**		●	●	1300	910	●		3000	90	1,05
	B3535	**13W LED**		●	●	1600	1050	●		4000	80	1,05
fascio diffondente > *wide beam*												
36°	**B3536**	**13W LED**		●	●	1250	770	●		2700	90	1,05
	B3537	**13W LED**		●	●	1300	820	●		3000	90	1,05
	B3538	**13W LED**		●	●	1600	950	●		4000	80	1,05

LED **IP20**



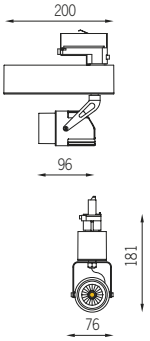


con lente > *with lens*

11 ○ 12 ●

Code	WATT	SC	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*													
13°	**B3520**	**10W LED**	●	●		●	910	850	●		2700	90	1,00
	B3521	**10W LED**	●	●		●	940	900	●		3000	90	1,00
	B3522	**10W LED**	●	●		●	1350	1000	●		4000	80	1,00
fascio medio > *medium beam*													
25°	**B3523**	**10W LED**	●	●		●	910	810	●		2700	90	1,00
	B3524	**10W LED**	●	●		●	940	860	●		3000	90	1,00
	B3525	**10W LED**	●	●		●	1350	970	●		4000	80	1,00

LED **IP20**



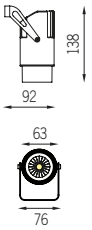
VERSIONE A PARETE / PLAFONE
WALL MOUNTING / CEILING MOUNTING

con riflettore > *with reflector*

11 ○ 12 ●



Completo di cavo (2m).
Supplied with cable (2m).



Code	WATT	SC	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*												
12° **B3590**	**13W LED**	●				1250	900	●		2700	90	0,45
B3591	**13W LED**	●				1300	950	●		3000	90	0,45
B3592	**13W LED**	●				1600	1100	●		4000	80	0,45
fascio medio > *medium beam*												
24° **B3593**	**13W LED**	●				1250	860	●		2700	90	0,45
B3594	**13W LED**	●				1300	910	●		3000	90	0,45
B3595	**13W LED**	●				1600	1050	●		4000	80	0,45
fascio diffondente > *wide beam*												
36° **B3596**	**13W LED**	●				1250	770	●		2700	90	0,45
B3597	**13W LED**	●				1300	820	●		3000	90	0,45
B3598	**13W LED**	●				1600	950	●		4000	80	0,45

LED 350mA

Driver LED da ordinare separatamente, vedi pag. 96-97.
LED driver to be ordered separately, see page 96-97.

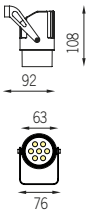
IP20

con lente > *with lens*

11 ○ 12 ●



Completo di cavo (2m).
Supplied with cable (2m).



Code	WATT	SC	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*												
13° **B3580**	**10W LED**	●				910	850	●		2700	90	0,40
B3581	**10W LED**	●				940	900	●		3000	90	0,40
B3582	**10W LED**	●				1350	1000	●		4000	80	0,40
fascio medio > *medium beam*												
25° **B3583**	**10W LED**	●				910	810	●		2700	90	0,40
B3584	**10W LED**	●				940	860	●		3000	90	0,40
B3585	**10W LED**	●				1350	970	●		4000	80	0,40

LED 500mA

Driver LED da ordinare separatamente, vedi pag. 96-97.
LED driver to be ordered separately, see page 96-97.

IP20

driver LED con emergenza a corrente costante: 350mA e 500mA > *constant current LED emergency driver: 350mA and 500mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.* B3590	B3591	B3592	B3593	B3594	B3595	B3596	B3597	B3598
DRIVER IP20											
H7920 CEI-EM	350	19	1	1	1	1	1	1	1	1	1
H7920 DALI-EM	350	15	1	1	1	1	1	1	1	1	1
H7920 DIMM-EM	350	15	1	1	1	1	1	1	1	1	1

			B3580	B3581	B3582	B3583	B3584	B3585
DRIVER IP20								
H7921 CEI-EM	500	20	1	1	1	1	1	1
H7921 DALI-EM	500	24	1	1	1	1	1	1
H7921 DIMM-EM	500	24	1	1	1	1	1	1

Driver LED con emergenza da usare con apparecchi SC > *LED drivers with emergency equipment to be used with SC fittings*

A richiesta driver LED con gruppo emergenza autonomia 3 ore > *Available on request LED driver with 3 hours autonomy emergency option*

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



IP20

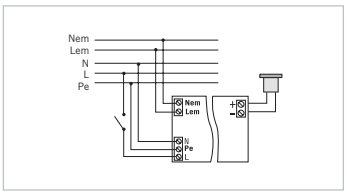
Code	mA	WATT	CEI-EM	Kg
DRIVER IP20				
H7920 CEI-EM	350	19	●	0,70
H7921 CEI-EM	500	20	●	0,70

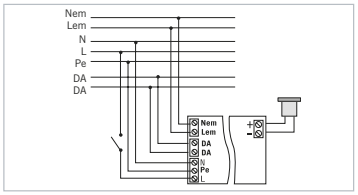
Code	mA	WATT	DALI-EM	Kg
DRIVER IP20				
H7920 DALI-EM	350	15	●	0,70
H7921 DALI-EM	500	24	●	0,70

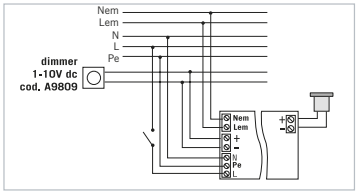
Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 12.
See page 12 for technical details and control accessories DALI and DIMM.

Code	mA	WATT	DIMM-EM	Kg
DRIVER IP20				
H7920 DIMM-EM	350	15	●	0,70
H7921 DIMM-EM	500	24	●	0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 12.
See page 12 for technical details and control accessories DALI and DIMM.





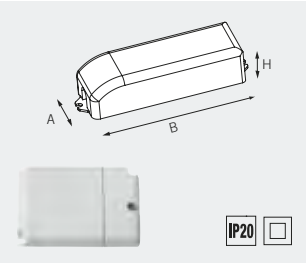


driver LED a corrente costante: 350mA e 500mA > *constant current LED driver: 350mA and 500mA*

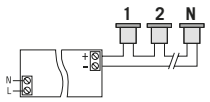
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*								
			B3590	**B3591**	**B3592**	**B3593**	**B3594**	**B3595**	**B3596**	**B3597**	**B3598**
DRIVER IP20											
H7951 CEI	350	20	1	1	1	1	1	1	1	1	1
H7944 CEI	350	17	1	1	1	1	1	1	1	1	1
H7954 CEI	350	25	2	2	2	2	2	2	2	2	2
H7952 DALI	350	15	1	1	1	1	1	1	1	1	1
H7955 DALI	350	40	3	3	3	3	3	3	3	3	3
H7952 DIMM	350	15	1	1	1	1	1	1	1	1	1
H7955 DIMM	350	40	3	3	3	3	3	3	3	3	3

			B3580	**B3581**	**B3582**	**B3583**	**B3584**	**B3585**
DRIVER IP20								
H7948 CEI	500	16	1	1	1	1	1	1
H7954 CEI	500	35	3	3	3	3	3	3
H7945 CEI	500	24	2	2	2	2	2	2
H7952 DALI	500	24	2	2	2	2	2	2
H7954 DALI	500	35	3	3	3	3	3	3
H7952 DIMM	500	22	2	2	2	2	2	2
H7954 DIMM	500	35	3	3	3	3	3	3

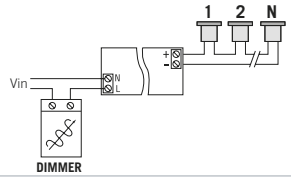
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7951 CEI	350	20	●	54	112	22	0,11
H7954 CEI	350-500	24-35	●	79	125	22	0,15
H7948 CEI	500	16	●	37	128	28	0,10

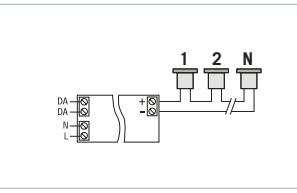


Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7944 CEI	350	17	●	47	166	35	0,11
H7945 CEI	500	32	●	47	166	35	0,11



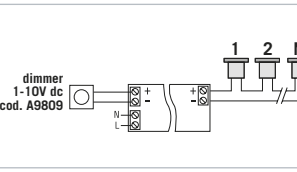
Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

Code	mA	WATT	DALI	A	B	H	Kg
DRIVER IP20							
H7955 DALI	350	40	●	79	124	22	0,15
H7952 DALI	350-500	15-24	●	67	103	21	0,13
H7954 DALI	500	35	●	79	125	22	0,15



Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

Code	mA	WATT	DIMM	A	B	H	Kg
DRIVER IP20							
H7955 DIMM	350	40	●	79	124	22	0,21
H7952 DIMM	350-500	15-22	●	67	103	21	0,11
H7954 DIMM	500	35	●	79	125	22	0,15





FOBO1

VERSIONE A BINARIO ELETTRIFICATO
ELECTRIFIED TRACK MOUNTING

Apparecchio
Corpo in alluminio pressofuso.
Anello portavetro in tecnopolimero.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Lenti LED in PMMA.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 110lumen/Watt (4000K - 350mA - CRI>90 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a binario o a parete.
Basetta di fissaggio in tecnopolimero.
Adattatore a binario elettrificato in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Engineering plastic glass-holding ring.
Polyester powder paint resistant to UV rays.
Reflector made of engineering plastic metalized in high-vacuum.
PMMA lenses for LEDs.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 110lumen/Watt (4000K - 350mA - CRI>90 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Track or wall mounted installation.
Engineering plastic base plate.
Engineering plastic track adaptor.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 99.
Accessories, see page 99.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

DIMM
In tutte le versioni DIMM, grazie a un semplice potenziometro posizionato sul retro dell'apparecchio, è possibile regolare localmente l'intensità del flusso luminoso.
In all DIMM versions, thanks to a simple potentiometer located on the back side on the fitting, it's possible to locally dim (0 – 100%) the luminous flux intensity.



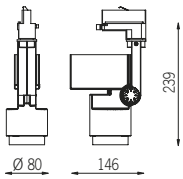




fobo 1 • LED — 11 ○ 12 ● 21 ●

Code	WATT	CEI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±°γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
B3360	**4W LED**	●	●	⏚	420	300	●		3000	90	1,40
B3361	**4W LED**	●	●	⏚	440	320	●		4000	90	1,40
fascio medio > *medium beam*											
B3363	**4W LED**	●	●	⏚	420	260	●		3000	90	1,40
B3364	**4W LED**	●	●	⏚	440	270	●		4000	90	1,40

10°
30°
LED
IP20





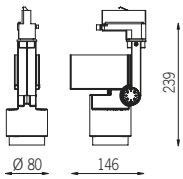
fobo 1 • LED

11 ○ 12 ● 21 ●

Code	WATT	CEI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > narrow beam											
22°											
B3372	**13W LED**	●	●	⏚	1000	730	●		3000	80	1,50
B3373	**13W LED**	●	●	⏚	1300	950	●		4000	80	1,50
fascio medio > medium beam											
36°											
B3370	**13W LED**	●	●	⏚	1000	610	●		3000	80	1,50
B3371	**13W LED**	●	●	⏚	1300	790	●		4000	80	1,50

LED

IP20





fobo 1

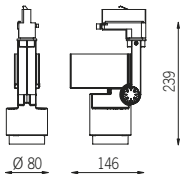
11 ○ 12 ● 21 ●

Code	WATT	CEI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±γ	K	CRI	Kg
fascio medio > medium beam											
B3302	1x GU5,3	●		⏚							1,05

GU5,3 **LED 12Volt**

GU5,3 **20/35W HRG1 12Volt**

IP20



accessori FOBO 1 > *FOBO 1 accessories*

12 ●



Code		Kg
B3313-12	●	0,03

Visiera parallela.
Cylindrical visor.



Code		Kg
B3314-12	●	0,02

Visiera inclinata.
Sloped visor.



Code		Kg
B3316-12	●	0,15

Visiera con alette.
Visor with fins.





Code		Kg
B9148-12 CEI	●	0,10

Basetta a parete e soffitto in tecnopolimero.
Wall/ceiling engineering plastic base palte.



Ø110-115mm

Code		Kg
B9149-12 CEI	●	0,24

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.
Fmax 50 N
SP 1-30mm



FOBO2

VERSIONE A BINARIO ELETTRIFICATO
ELECTRIFIED TRACK MOUNTING

Apparecchio
Corpo in alluminio pressofuso.
Anello portavetro in tecnopolimero.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Lenti LED in PMMA.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 100lumen/Watt (4000K - 350mA - CRI>90 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a binario o a parete.
Basetta di fissaggio in tecnopolimero.
Adattatore a binario elettrificato in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Engineering plastic glass-holding ring.
Polyester powder paint resistant to UV rays.
Reflector made of engineering plastic metalized in high-vacuum.
PMMA lenses for LEDs.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 100lumen/Watt (4000K - 350mA - CRI>90 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Track or wall mounted installation.
Engineering plastic base plate.
Engineering plastic track adaptor.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 102.
Accessories, see page 102.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

DIMM
In tutte le versioni DIMM, grazie a un semplice potenziometro posizionato sul retro dell'apparecchio, è possibile regolare localmente l'intensità del flusso luminoso.
In all DIMM versions, thanks to a simple potentiometer located on the back side of the fitting, it's possible to locally dim (0 – 100%) the luminous flux intensity.









LED PROFESSIONAL

LED con spettro dei colori ottimizzato per la valorizzazione di specifiche tipologie merceologiche.
LED with optimized color spectrum to enhance specific type of goods.

FOOD

BR = bread
LED adatto al banco panetteria
LED suitable for bakery counter

FC = fruit & cheese
LED adatto per frutta, verdura e formaggi
LED suitable for fruits, vegetables and cheeses

FS = fish
LED adatto al banco pesce
LED suitable for fish counter

MT = meat
LED adatto al banco macelleria
LED suitable for butcher counter





FASHION - MUSEUM

MD = fashion
LED adatto al retail
LED suitable for retail

MS = museum
LED adatto a musei e gallerie d'arte
LED suitable for museum and art gallery





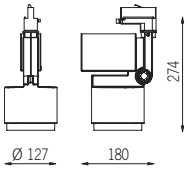
fobo 2 • PROFESSIONAL LED

11 ○ 12 ● 21 ●

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*												
12° **B3500BR**	**32W LED**	●	●	●	⏚	2300	1650	●				1,60
B3500FC	**32W LED**	●	●	●	⏚	3700	2650	●				1,60
B3500FS	**32W LED**	●	●	●	⏚	3500	2500	●				1,60
B3500MD	**32W LED**	●	●	●	⏚	3350	2400	●				1,60
B3500MS	**32W LED**	●	●	●	⏚	3200	2250	●				1,60
B3500MT	**32W LED**	●	●	●	⏚	2200	1550	●				1,60
fascio medio > *medium beam*												
23° **B3502BR**	**32W LED**	●	●	●	⏚	2300	1600	●				1,60
B3502FC	**32W LED**	●	●	●	⏚	3700	2600	●				1,60
B3502FS	**32W LED**	●	●	●	⏚	3500	2450	●				1,60
B3502MD	**32W LED**	●	●	●	⏚	3350	2350	●				1,60
B3502MS	**32W LED**	●	●	●	⏚	3200	2250	●				1,60
B3502MT	**32W LED**	●	●	●	⏚	2200	1550	●				1,60
fascio diffondente > *wide beam*												
35° **B3504BR**	**32W LED**	●	●	●	⏚	2300	1500	●				1,60
B3504FC	**32W LED**	●	●	●	⏚	3700	2450	●				1,60
B3504FS	**32W LED**	●	●	●	⏚	3500	2300	●				1,60
B3504MD	**32W LED**	●	●	●	⏚	3350	2200	●				1,60
B3504MS	**32W LED**	●	●	●	⏚	3200	2100	●				1,60
B3504MT	**32W LED**	●	●	●	⏚	2200	1450	●				1,60

LED

IP20





fobo 2 • LED

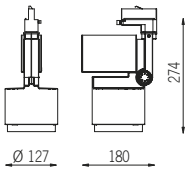
11 ○ 12 ● 21 ●



Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > narrow beam												
12°												
B3500	**33W LED**	●	●	●	⏚	3000	2200	●		3000	97	1,60
B3501	**33W LED**	●	●	●	⏚	3200	2350	●		4000	97	1,60
fascio medio > medium beam												
23°												
B3503	**33W LED**	●	●	●	⏚	3000	2100	●		3000	97	1,60
B3504	**33W LED**	●	●	●	⏚	3200	2250	●		4000	97	1,60
fascio diffondente > wide beam												
35°												
B3506	**33W LED**	●	●	●	⏚	3000	2050	●		3000	97	1,60
B3507	**33W LED**	●	●	●	⏚	3200	2200	●		4000	97	1,60

LED

IP20



fobo 2 • LED

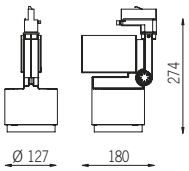
11 ○ 12 ● 21 ●



Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > narrow beam												
10°												
B3510	**27W LED**	●	●	●	⏚	2250	1150	●		3000	90	1,60
B3511	**27W LED**	●	●	●	⏚	2450	1220	●		4000	90	1,60
fascio medio > medium beam												
30°												
B3513	**27W LED**	●	●	●	⏚	2250	900	●		3000	90	1,60
B3514	**27W LED**	●	●	●	⏚	2450	970	●		4000	90	1,60

LED

IP20



accessori FOBO 2 > *FOBO 2 accessories*

12 ●



Code		Kg
B3323-12	●	0,03

Visiera parallela.
Cylindrical visor.



Code		Kg
B3324-12	●	0,02

Visiera inclinata.
Sloped visor.



Code		Kg
B3326-12	●	0,20

Visiera con alette.
Visor with fins.



Adatta solo per apparecchi versioni CEI e DIMM (con potenziometro).
Suitable only for CEI and DIMM fittings versions (with potentiometer).



Code		Kg
B9148-12 CEI	●	0,10
B9148-12 DALI	●	0,10

Basetta a parete e soffitto in tecnopolimero.
Wall/ceiling engineering plastic base palte.



Code		Kg
B9149-12 CEI	●	0,24
B9149-12 DALI	●	0,24

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.
Fmax 50 N
SP 1-30mm

Ø110-115mm



MODAL1

VERSIONE A BINARIO ELETTRIFICATO
ELECTRIFIED TRACK MOUNTING

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Lenti LED in PMMA.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 90lumen/Watt (4000K - 700mA - CRI>90 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a binario.
Cassetta di cablaggio in alluminio pressofuso.
Adattatore a binario elettrificato in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Polyester powder paint resistant to UV rays.
PMMA lenses for LEDs.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 90lumen/Watt (4000K - 700mA - CRI>90 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Track installation.
Die-cast aluminium control gear box.
Engineering plastic track adaptor.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

modal 1 • LED

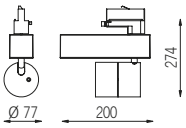
11 ○ 21 ●



Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±°γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
10°											
B3280	10W LED	●		⏚	690	520	●		3000	90	1,10
B3281	10W LED	●		⏚	750	560	●		4000	90	1,10
fascio medio > *medium beam*											
30°											
B3282	10W LED	●		⏚	690	520	●		3000	90	1,10
B3283	10W LED	●		⏚	750	560	●		4000	90	1,10

LED

IP20



modal 1

11 ○ 21 ●

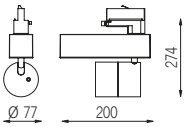


Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±°γ	K	CRI	Kg
fascio medio > *medium beam*											
B3242	1x GU5,3	●		⏚							1,20

GU5,3 **LED 12Volt**

GU5,3 **20/35W HRG1 12Volt**

IP20



accessori MODAL 1 > *MODAL 1 accessories*

11 ○ 12 ● 21 ●



Code		Kg
B3263-12	●	0,03

Visiera parallela.
Cylindrical visor.



Code		Kg
B3264-12	●	0,02

Visiera inclinata.
Sloped visor.



Code		Kg
B3265-12	●	0,02

Frangiluce.
Louvre.



MODAL1

VERSIONE A PARETE
WALL MOUNTING

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Lenti LED in PMMA.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 90lumen/Watt (4000K - 700mA - CRI>90 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a parete.
Cassetta di cablaggio in alluminio pressofuso.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Polyester powder paint resistant to UV rays.
PMMA lenses for LEDs.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 90lumen/Watt (4000K - 700mA - CRI>90 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Wall mounted.
Die-cast aluminium control gear box.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

modal 1 • LED

11 ○ 21 ●

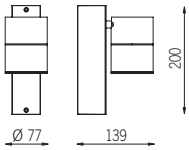


Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
B3290	**10W LED**	●		⏚	690	520	●		3000	90	1,10
B3291	**10W LED**	●		⏚	750	560	●		4000	90	1,10
fascio medio > *medium beam*											
B3292	**10W LED**	●		⏚	690	520	●		3000	90	1,10
B3293	**10W LED**	●		⏚	750	560	●		4000	90	1,10

10° 30°

LED

IP20



modal 1

11 ○ 21 ●

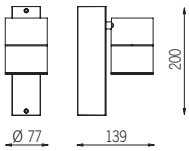


Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Kg
fascio medio > *medium beam*											
B3202	1x GU5,3	●		⏚							1,20

28°

GU5,3 **LED 12Volt**
GU5,3 **20/35W HRG1 12Volt**

IP20



accessori MODAL 1 > *MODAL 1 accessories*

12 ●



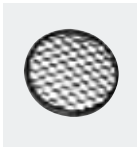
Code		Kg
B3263-12	●	0,03

Visiera parallela.
Cylindrical visor.



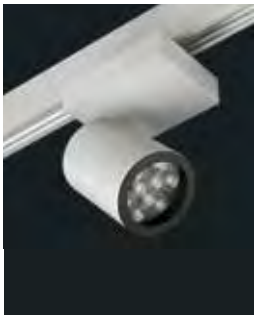
Code		Kg
B3264-12	●	0,02

Visiera inclinata.
Sloped visor.



Code		Kg
B3265-12	●	0,02

Frangiluce.
Louvre.



MODAL2

VERSIONE A BINARIO ELETTRIFICATO
ELECTRIFIED TRACK MOUNTING

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Lenti LED in PMMA.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 100lumen/Watt (4000K - 350mA - CRI>90 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a binario.
Cassetta di cablaggio in alluminio pressofuso.
Adattatore a binario elettrificato in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Polyester powder paint resistant to UV rays.
PMMA lenses for LEDs.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
It complies with standards EN 60598-1 and EN 60598-2-1.

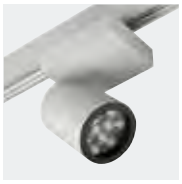
Source
Nominal LED efficacy up to 100lumen/Watt (4000K - 350mA - CRI>90 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Track installation.
Die-cast aluminium control gear box.
Engineering plastic track adaptor.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.



modal 2 • LED

11 ○ 21 ●

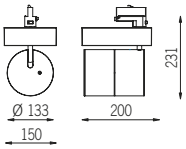
Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
B3350	**13W LED**	●	●	⏚	1150	860	●		3000	90	2,40
B3351	**13W LED**	●	●	⏚	1250	930	●		4000	90	2,40
fascio medio > *medium beam*											
B3352	**13W LED**	●	●	⏚	1150	760	●		3000	90	2,40
B3353	**13W LED**	●	●	⏚	1250	810	●		4000	90	2,40

10°

30°

LED

IP20



accessori MODAL 2 > *MODAL 2 accessories*

12 ●



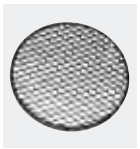
Code		Kg
B3275-12	●	0,06

Visiera parallela.
Cylindrical visor.



Code		Kg
B3276-12	●	0,05

Visiera inclinata.
Sloped visor.



Code		Kg
B3277-12	●	0,05

Frangiluce.
Louvre.



MODAL2

VERSIONE A PARETE E PLAFONE
WALL AND CEILING MOUNTING

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Lenti LED in PMMA.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
LED con efficienza nominale sino a 100lumen/Watt (4000K - 350mA - CRI>90 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.
Installazione
Installazione a parete.
Cassetta di cablaggio in alluminio pressofuso.

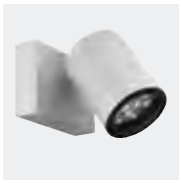
Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Polyester powder paint resistant to UV rays.
PMMA lenses for LEDs.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Nominal LED efficacy up to 100lumen/Watt (4000K - 350mA - CRI>90 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Available with conventional lamps.
Installation
Wall mounted.
Die-cast aluminium control gear box.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

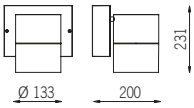
modal 2 • versione a parete > *wall mounting*

11 ○ 21 ●



Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
B3340	**13W LED**	●	●	⏚	1150	860	●		3000	90	2,30
B3341	**13W LED**	●	●	⏚	1250	930	●		4000	90	2,30
fascio medio > *medium beam*											
B3342	**13W LED**	●	●	⏚	1150	760	●		3000	90	2,30
B3343	**13W LED**	●	●	⏚	1250	810	●		4000	90	2,30

10°
30°



IP20

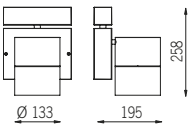
modal 2 • versione a plafone > *ceiling mounting*

11 ○ 21 ●



Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
B3345	**13W LED**	●	●	⏚	1150	860	●		3000	90	2,80
B3346	**13W LED**	●	●	⏚	1250	930	●		4000	90	2,80
fascio medio > *medium beam*											
B3347	**13W LED**	●	●	⏚	1150	760	●		3000	90	2,80
B3348	**13W LED**	●	●	⏚	1250	810	●		4000	90	2,80

10°
30°



IP20

accessori MODAL 2 > *MODAL 2 accessories*

12 ●



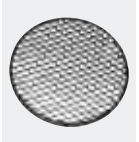
Code		Kg
B3275-12	●	0,06

Visiera parallela.
Cylindrical visor.



Code		Kg
B3276-12	●	0,05

Visiera inclinata.
Sloped visor.



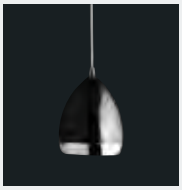
Code		Kg
B3277-12	●	0,05

Frangiluce.
Louvre.

APPARECCHI A SOSPENSIONE
SUSPENDED-MOUNT LUMINAIRES



108
STILO



111
JUNOLED



112
ICAROLED



113
ARA



115
HIGH-SPOT



202
INTIS210



STILO

Apparecchio
Corpo e rosone in alluminio.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Schermo in PMMA opale o ottica GC in policarbonato.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
LED con efficienza nominale sino a 126lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione a sospensione o a plafone.
Basetta di fissaggio in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Aluminium body and cable cup.
Polyester powder paint resistant to UV rays.
Opal PMMA screen or polycarbonate GC optic.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Nominal LED efficacy up to 126lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Installation
Seiling or suspended installation.
Engineering plastic base plate.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.



DISPONIBILE ANCHE NELLA VERSIONE A PLAFONE, VEDI PAG. 193.
ALSO AVAILABLE IN CEILING VERSIONS, SEE PAGE 193.



con schermo opale > *with opal screen*

11 ○ 12 ● 31 ●



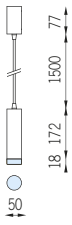
Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*										
C3000-11/12	**4W LED - 230Vac**				300	240	●	2700	80	0,70
C3000-31	**4W LED - 230Vac**				300	240	●	2700	80	0,70
C3001-11/12	**4W LED - 230Vac**				320	250	●	3000	80	0,70
C3001-31	**4W LED - 230Vac**				320	250	●	3000	80	0,70
C3002-11/12	**4W LED - 230Vac**				350	260	●	4000	80	0,70
C3002-31	**4W LED - 230Vac**				350	260	●	4000	80	0,70

80°

LED 230Vac

Non necessitano di driver LED.
Driver LED not needed.

IP40



con schermo opale > *with opal screen*

11 ○ 12 ● 31 ●



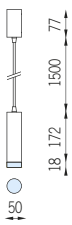
Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*										
C3010-11/12	**4W LED**				400	310	●	2700	80	0,70
C3010-31	**4W LED**				400	310	●	2700	80	0,70
C3011-11/12	**4W LED**				430	330	●	3000	80	0,70
C3011-31	**4W LED**				430	330	●	3000	80	0,70
C3012-11/12	**4W LED**				460	360	●	4000	80	0,70
C3012-31	**4W LED**				460	360	●	4000	80	0,70

80°

LED 24Volt

Driver LED da ordinare separatamente, vedi pagina 110.
LED driver to be ordered separately, see page 110.

IP40





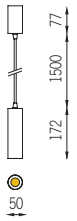
Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

con ottica GC > *with GC optic*

11 ○ 12 ● 31 ○

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > narrow beam										
C3030-11/12	**2W LED**				180	110		2700	90	0,90
C3030-31	**2W LED**				180	110		2700	90	0,90
C3031-11/12	**2W LED**				200	120		3000	90	0,90
C3031-31	**2W LED**				200	120		3000	90	0,90
C3032-11/12	**2W LED**				250	140		4000	80	0,90
C3032-31	**2W LED**				250	140		4000	80	0,90
fascio medio > medium beam										
C3035-11/12	**6W LED**				480	330		2700	90	0,90
C3035-31	**4W LED**				380	260		2700	90	0,90
C3036-11/12	**6W LED**				510	360		3000	90	0,90
C3036-31	**4W LED**				420	300		3000	90	0,90
C3037-11/12	**6W LED**				650	460		4000	80	0,90
C3037-31	**4W LED**				490	350		4000	80	0,90
fascio diffondente > wide beam										
C3040-11/12	**6W LED**				480	300		2700	90	0,90
C3040-31	**4W LED**				380	240		2700	90	0,90
C3041-11/12	**6W LED**				510	330		3000	90	0,90
C3041-31	**4W LED**				420	270		3000	90	0,90
C3042-11/12	**6W LED**				650	420		4000	80	0,90
C3042-31	**4W LED**				490	320		4000	80	0,90

12° 25° 47°



LED

Driver LED incluso.
LED driver included.

IP40



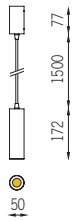
Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

con ottica GC > *with GC optic*

11 ○ 12 ● 31 ○

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > narrow beam										
C3050-11/12	**2W LED**				180	110		2700	90	0,70
C3050-31	**2W LED**				180	110		2700	90	0,70
C3051-11/12	**2W LED**				200	120		3000	90	0,70
C3051-31	**2W LED**				200	120		3000	90	0,70
C3052-11/12	**2W LED**				250	140		4000	80	0,70
C3052-31	**2W LED**				250	140		4000	80	0,70
fascio medio > medium beam										
C3055-11/12	**6W LED**				480	330		2700	90	0,70
C3055-31	**6W LED**				480	330		2700	90	0,70
C3056-11/12	**6W LED**				510	360		3000	90	0,70
C3056-31	**6W LED**				510	360		3000	90	0,70
C3057-11/12	**6W LED**				650	460		4000	80	0,70
C3057-31	**6W LED**				650	460		4000	80	0,70
fascio diffondente > wide beam										
C3060-11/12	**6W LED**				480	300		2700	90	0,70
C3060-31	**6W LED**				480	300		2700	90	0,70
C3061-11/12	**6W LED**				510	330		3000	90	0,70
C3061-31	**6W LED**				510	330		3000	90	0,70
C3062-11/12	**6W LED**				650	420		4000	80	0,70
C3062-31	**6W LED**				650	420		4000	80	0,70

12° 25° 47°



LED 2W 700mA LED 6W 500mA

Driver LED da ordinare separatamente, vedi pagina 110.
LED driver to be ordered separately, see page 110.

IP40



11 ○



12 ●



31 ○

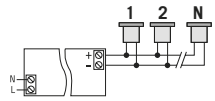
driver LED a tensione costante: 24 Volt > *constant voltage LED driver: 24 Volt*

Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*		
			C3010	C3011	C3012
DRIVER IP20					
07950 CEI	24 Volt	8	2	2	2
07952 CEI	24 Volt	16	3	3	3
07958 CEI	24 Volt	70	17	17	17
07959 CEI	24 Volt	150	34	34	34
07952 DALI	24 Volt	16	3	3	3
07952 DIMM	24 Volt	20	3	3	3

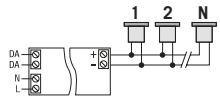
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



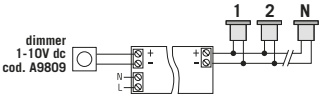
Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07950 CEI	24	8	●			0,11
07952 CEI	24	16	●			0,11
07958 CEI	24	70	●			0,30
07959 CEI	24	150	●			0,32



Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DALI	24	16		●		0,11



Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DIMM	24	20			●	0,11

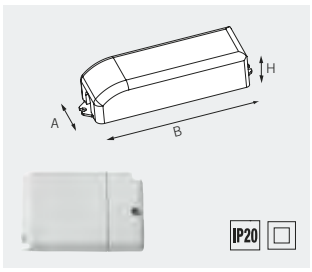


driver LED a corrente costante: 500mA e 700mA > *constant current LED driver: 500mA and 700mA*

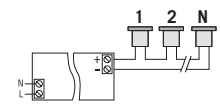
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*					
			C3055	C3056	C3057	C3060	C3061	C3062
DRIVER IP20								
H7948 CEI	500	16	2	2	2	2	2	2
H7954 CEI	500	35	5	5	5	5	5	5
H7945 CEI	500	24	3	3	3	3	3	3
H7952 DALI	500	24	3	3	3	3	3	3
H7954 DALI	500	35	5	5	5	5	5	5
H7952 DIMM	500	22	3	3	3	3	3	3
H7954 DIMM	500	35	5	5	5	5	5	5

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*		
			C3050	C3051	C3052
DRIVER IP20					
H7958 CEI	700	16	7	7	7
H7954 CEI	700	50	24	24	24
H7952 DALI	700	32	15	15	15
H7954 DALI	700	50	24	24	24
H7952 DIMM	700	25	12	12	12

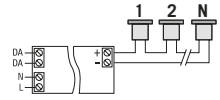
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7948 CEI	500	16	●	37	128	28	0,10
H7954 CEI	500-700	35-50	●	79	125	22	0,15
H7958 CEI	700	16	●	37	128	28	0,11

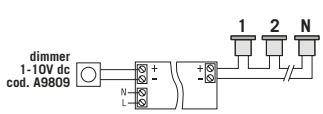


Code	mA	WATT	DALI	A	B	H	Kg
DRIVER IP20							
H7952 DALI	500-700	24-32	●	67	103	21	0,13
H7954 DALI	500-700	35-50	●	79	125	22	0,15



Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

Code	mA	WATT	DIMM	A	B	H	Kg
DRIVER IP20							
H7952 DIMM	500-700	22-25	●	67	103	21	0,11
H7954 DIMM	500-700	35-50	●	79	125	22	0,15



Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

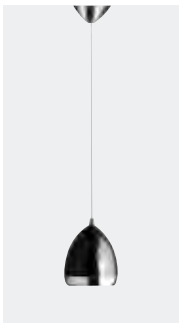


JUNOLED

Apparecchio
Corpo e cornice in alluminio pressofuso.
Rosone in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
LED con efficienza nominale sino a 116lumen/Watt (4000K - 250mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione a sospensione.
Adattatore a binario elettrificato in tecnopolimero.

Luminaire
Die-cast aluminium body and trim.
Die-cast aluminium cable cup.
Polyester powder paint resistant to UV rays.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Nominal LED efficacy up to 116lumen/Watt (4000K - 250mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Installation
Suspended installation.
Engineering plastic track adaptor.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



Completo di rosone.
Supplied with cable cup.

versione a sospensione > *suspension mounting*

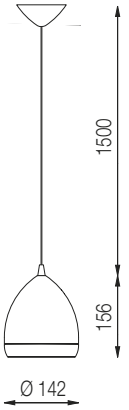
19 ● 24 ○ 25 ● 31 ●

Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
C3784-XX	9W LED	●			800	650	●		3000	80	1,30
C3784-31	9W LED	●			800	650	●		3000	80	1,30
C3785-XX	9W LED	●			1050	850	●		4000	80	1,30
C3785-31	9W LED	●			1050	850	●		4000	80	1,30
fascio medio > *medium beam*											
C3786-XX	9W LED	●			800	550	●		3000	80	1,30
C3786-31	9W LED	●			800	550	●		3000	80	1,30
C3787-XX	9W LED	●			1050	720	●		4000	80	1,30
C3787-31	9W LED	●			1050	720	●		4000	80	1,30

19° 50°

LED

IP20





versione a binario elettrificato > *electrified track mounting*

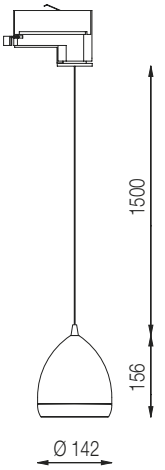
19 ● 24 ○ 25 ● 31 ●

Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
C3794-XX	9W LED	●			800	650	●		3000	80	1,20
C3794-31	9W LED	●			800	650	●		3000	80	1,20
C3795-XX	9W LED	●			1050	850	●		4000	80	1,20
C3795-31	9W LED	●			1050	850	●		4000	80	1,20
fascio medio > *medium beam*											
C3796-XX	9W LED	●			800	550	●		3000	80	1,20
C3796-31	9W LED	●			800	550	●		3000	80	1,20
C3797-XX	9W LED	●			1050	720	●		4000	80	1,20
C3797-31	9W LED	●			1050	720	●		4000	80	1,20

19° 50°

LED

IP20




19 ●


24 ○


25 ●


31 ●



ICAROLED

Apparecchio
Corpo e cornice in alluminio pressofuso.
Rosone in tecnopolimero.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione a sospensione.
Adattatore a binario elettrificato in tecnopolimero.

Luminaire
Die-cast aluminium body and trim.
Engineering plastic cable cup.
Polyester powder paint resistant to UV rays.
Reflector made of engineering plastic metalized in high-vacuum.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Suspended installation.
Engineering plastic track adaptor.



Completo di rosone.
Supplied with cable cup.

versione a sospensione > *suspension mounting*

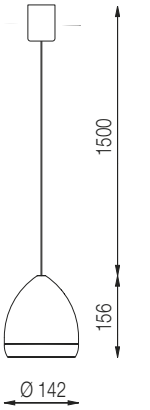
11 ○ 21 ●

Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
C3780	13W LED	●		⏚	1000	790	●		3000	90	1,30
C3781	13W LED	●		⏚	1300	1050	●		4000	80	1,30
fascio diffondente > *wide beam*											
C3790	13W LED	●		⏚	1000	710	●		3000	90	1,30
C3791	13W LED	●		⏚	1300	920	●		4000	80	1,30

16° 74°

LED

IP20 850°C



versione a binario elettrificato > *electrified track mounting*

11 ○ 21 ●

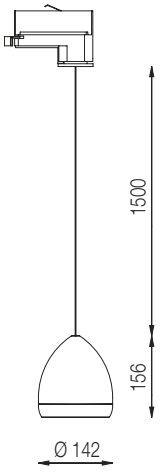
Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
C3782	13W LED	●		⏚	1000	790	●		3000	90	1,20
C3783	13W LED	●		⏚	1300	1050	●		4000	80	1,20
fascio diffondente > *wide beam*											
C3792	13W LED	●		⏚	1000	710	●		3000	90	1,20
C3793	13W LED	●		⏚	1300	920	●		4000	80	1,20

16° 74°

LED

IP20 850°C







ARA

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Viteria esterna in acciaio inox AISI 316.
Riflettore in alluminio 99.85 anodizzato e satinato.
Schermo in vetro temperato sabbiato di spessore 4mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
Modulo LED compatibile Zhaga.
LED con efficienza nominale sino a 105lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione a sospensione.
Pressacavo M16 in ottone nichelato.
Adattatore a binario elettrificato in tecnopolimero.
Sospensione con cavo in acciaio 1,5m.

Luminaire
Die-cast aluminium body.
Polyester powder paint resistant to UV rays.
AISI 316 stainless steel external screws.
Reflector made of 99,85 anodized aluminium with satin finishing.
Screen made of 4mm thermal-shock resistant tempered frosted glass.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Zhaga compliant LED module.
Nominal LED efficacy up to 105lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Installation
Suspended installation.
M16 nickel-plated brass cable gland.
Engineering plastic track adaptor.
Steel cable 1.5m for suspension.

Accessori, vedi pag. 114.
Accessories, see page 114.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



Per la versione nera il riflettore è verniciato esternamente nero e internamente bianco.
For black version, painted reflector: black exterior, white interior.



versione a sospensione > *suspension mounting*

11 ○ 12 ● 21 ●

Code	WATT	CEI	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP /LED	±γ	K	CRI	Kg
fascio diffondente > *wide beam*											
C3770-11/21	**18W LED**	●		⏚	1350	1100	●		3000	90	2,20
C3770-12	**18W LED**	●		⏚	1350	1100	●		3000	90	2,20
C3771-11/21	**18W LED**	●		⏚	1750	1400	●		4000	80	2,20
C3771-12	**18W LED**	●		⏚	1750	1400	●		4000	80	2,20

99°

fascio diffondente > *wide beam*

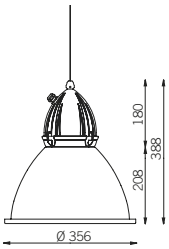
11 ○ 21 ●

C3822-11/21	1x E27		**140,00**●	⏚							1,65

109°

LED · E27 **23W FSM-E 230Volt** · E27 **100W HEGT** · E27 **LED**

IP20 850°C





PROFESSIONAL LED • versione a sospensione > *suspension mounting*

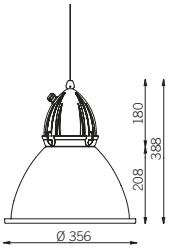
11 ○ 12 ● 21 ●

Code	WATT	CEI	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente > *wide beam*											
C3770BR-11/21	**17W LED**	●		⏚	1450	1150	●				2,20
C3770BR-12	**17W LED**	●		⏚	1450	1150	●				2,20
C3770FC-11/21	**17W LED**	●		⏚	2250	1800	●				2,20
C3770FC-12	**17W LED**	●		⏚	2250	1800	●				2,20
C3770FS-11/21	**17W LED**	●		⏚	2100	1700	●				2,20
C3770FS-12	**17W LED**	●		⏚	2100	1700	●				2,20
C3770MD-11/21	**17W LED**	●		⏚	2050	1650	●				2,20
C3770MD-12	**17W LED**	●		⏚	2050	1650	●				2,20
C3770MS-11/21	**17W LED**	●		⏚	1950	1550	●				2,20
C3770MS-12	**17W LED**	●		⏚	1950	1550	●				2,20
C3770MT-11/21	**17W LED**	●		⏚	1350	1100	●				2,20
C3770MT-12	**17W LED**	●		⏚	1350	1100	●				2,20

99°

LED

IP20 850°C



LED PROFESSIONAL

LED con spettro dei colori ottimizzato per la valorizzazione di specifiche tipologie merceologiche.
LED with optimized color spectrum to enhance specific type of goods.

FOOD

BR = bread
LED adatto al banco panetteria
LED suitable for bakery counter

FC = fruit & cheese
LED adatto per frutta, verdura e formaggi
LED suitable for fruits, vegetables and cheeses

FS = fish
LED adatto al banco pesce
LED suitable for fish counter

MT = meat
LED adatto al banco macelleria
LED suitable for butcher counter

FASHION - MUSEUM

MD = fashion
LED adatto al retail
LED suitable for retail

MS = museum
LED adatto a musei e gallerie d'arte
LED suitable for museum and art gallery









versione a binario elettrificato > *electrified track mounting*

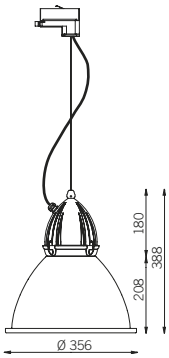
11 ○ 12 ● 21 ●

Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente > *wide beam*											
C3772-11/21	**18W LED**	●		⏚	1350	1100	●		3000	90	2,40
C3772-12	**18W LED**	●		⏚	1350	1100	●		3000	90	2,40
C3773-11/21	**18W LED**	●		⏚	1750	1400	●		4000	80	2,40
C3773-12	**18W LED**	●		⏚	1750	1400	●		4000	80	2,40

99°

LED

IP20 850°C





PROFESSIONAL LED • versione a binario elettrificato > *electrified track mounting*

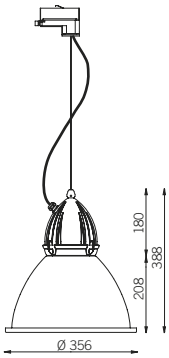
11 ○ 12 ● 21 ●

Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente > *wide beam*											
C3772BR-11/21	**17W LED**	●		⏚	1450	1150	●				2,40
C3772BR-12	**17W LED**	●		⏚	1450	1150	●				2,40
C3772FC-11/21	**17W LED**	●		⏚	2250	1800	●				2,40
C3772FC-12	**17W LED**	●		⏚	2250	1800	●				2,40
C3772FS-11/21	**17W LED**	●		⏚	2100	1700	●				2,40
C3772FS-12	**17W LED**	●		⏚	2100	1700	●				2,40
C3772MD-11/21	**17W LED**	●		⏚	2050	1650	●				2,40
C3772MD-12	**17W LED**	●		⏚	2050	1650	●				2,40
C3772MS-11/21	**17W LED**	●		⏚	1950	1550	●				2,40
C3772MS-12	**17W LED**	●		⏚	1950	1550	●				2,40
C3772MT-11/21	**17W LED**	●		⏚	1350	1100	●				2,40
C3772MT-12	**17W LED**	●		⏚	1350	1100	●				2,40

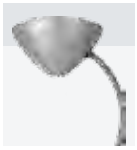
99°

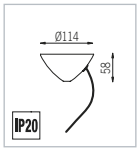
LED

IP20 850°C



accessori > *accessories*





Rosone in alluminio pressofuso. Cavo d'alimentazione per altezza massima di 1,5m.
Die-cast aluminium cable cup. Main cable up to 1.5m long.

Code		Kg
C3922	●	0,30



Schermo in vetro sabbiato, temperato resistente agli shock termici.
Frosted tempered thermal-shock resistant glass screen.

IP54 con vetro *with glass*

Code		Kg
C3921	●	0,95



HIGH-SPOT

Apparecchio
Anello in alluminio pressofuso.
Testate e traversini in alluminio estruso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a sospensione.
Sospensione con cavo in acciaio 1,5m.

Luminaire
Die-cast aluminium ring.
Extruded aluminium caps and crossbars.
Polyester powder paint resistant to UV rays.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Suspended installation.
Steel cable 1.5m for suspension.

Accessori, vedi pag. 118.
Accessories, see page 118.

○ Versione anello tondo
With round rim

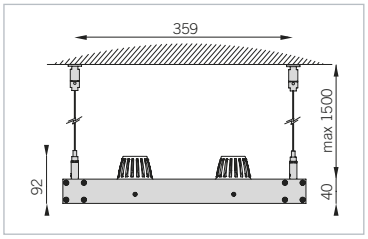
□ Versione piano quadro
With flat square rim



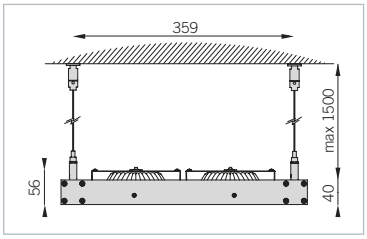
LED 22W

La lampada viene sostituita attraverso un comodo sistema a molle, che non richiede strumenti da parte dell'operatore.
The lamp can be easily replaced through a spring system without using any kind of tools.

LED 13W



LED 22W

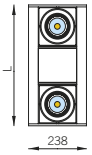




Con riflettore in materiale termoplastico metallizzato.
With metalized thermoplastic reflector.

a sospensione > *suspension mounting*

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio concentrante > *narrow beam*													
16° **C3160** ○	2x **13W LED**	●	●	●	⏚	2x 1000	2x 860	●	50	3000	90	496	4,60
C3161 ○	2x **13W LED**	●	●	●	⏚	2x 1300	2x 1100	●	50	4000	80	496	4,60
C3162 □	2x **13W LED**	●	●	●	⏚	2x 1000	2x 860	●	50	3000	90	496	4,70
C3163 □	2x **13W LED**	●	●	●	⏚	2x 1300	2x 1100	●	50	4000	80	496	4,70
fascio medio > *medium beam*													
37° **C3164** ○	2x **13W LED**	●	●	●	⏚	2x 1000	2x 860	●	50	3000	90	496	4,60
C3165 ○	2x **13W LED**	●	●	●	⏚	2x 1300	2x 1100	●	50	4000	80	496	4,60
C3166 □	2x **13W LED**	●	●	●	⏚	2x 1000	2x 860	●	50	3000	90	496	4,70
C3167 □	2x **13W LED**	●	●	●	⏚	2x 1300	2x 1100	●	50	4000	80	496	4,70
fascio diffondente > *wide beam*													
74° **C3168** ○	2x **13W LED**	●	●	●	⏚	2x 1000	2x 770	●	50	3000	90	496	4,60
C3169 ○	2x **13W LED**	●	●	●	⏚	2x 1300	2x 1000	●	50	4000	80	496	4,60
C3170 □	2x **13W LED**	●	●	●	⏚	2x 1000	2x 770	●	50	3000	90	496	4,70
C3171 □	2x **13W LED**	●	●	●	⏚	2x 1300	2x 1000	●	50	4000	80	496	4,70

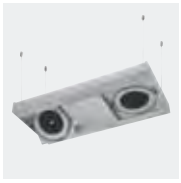


LED

IP20 850°C

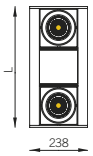
a sospensione > *suspension mounting*

21



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio diffondente • ottica GC nera > *wide beam • black GC optic*													
66°													
C3172 ○	2x **13W LED**	●	●	●	⏚	2x 1000	2x 560	●	50	3000	90	496	4,60
C3173 ○	2x **13W LED**	●	●	●	⏚	2x 1300	2x 730	●	50	4000	80	496	4,60
C3174 □	2x **13W LED**	●	●	●	⏚	2x 1000	2x 560	●	50	3000	90	496	4,70
C3175 □	2x **13W LED**	●	●	●	⏚	2x 1300	2x 730	●	50	4000	80	496	4,70



LED

IP20 850°C

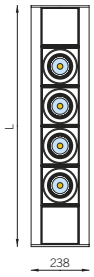
a sospensione > *suspension mounting*

21



Con riflettore in materiale termoplastico metallizzato.
With metalized thermoplastic reflector.

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio concentrante > *narrow beam*													
16°													
C3176 ○	4x **13W LED**	●	●	●	⏚	4x 1000	4x 860	●	50	3000	90	979	6,80
C3177 ○	4x **13W LED**	●	●	●	⏚	4x 1300	4x 1100	●	50	4000	80	979	6,80
C3178 □	4x **13W LED**	●	●	●	⏚	4x 1000	4x 860	●	50	3000	90	979	7,00
C3179 □	4x **13W LED**	●	●	●	⏚	4x 1300	4x 1100	●	50	4000	80	979	7,00
fascio medio > *medium beam*													
37°													
C3180 ○	4x **13W LED**	●	●	●	⏚	4x 1000	4x 860	●	50	3000	90	979	6,80
C3181 ○	4x **13W LED**	●	●	●	⏚	4x 1300	4x 1100	●	50	4000	80	979	6,80
C3182 □	4x **13W LED**	●	●	●	⏚	4x 1000	4x 860	●	50	3000	90	979	7,00
C3183 □	4x **13W LED**	●	●	●	⏚	4x 1300	4x 1100	●	50	4000	80	979	7,00
fascio diffondente > *wide beam*													
74°													
C3184 ○	4x **13W LED**	●	●	●	⏚	4x 1000	4x 770	●	50	3000	90	979	6,80
C3185 ○	4x **13W LED**	●	●	●	⏚	4x 1300	4x 1000	●	50	4000	80	979	6,80
C3186 □	4x **13W LED**	●	●	●	⏚	4x 1000	4x 770	●	50	3000	90	979	7,00
C3187 □	4x **13W LED**	●	●	●	⏚	4x 1300	4x 1000	●	50	4000	80	979	7,00



LED

IP20 850°C

a sospensione > *suspension mounting*

21



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio diffondente • ottica GC nera > *wide beam • black GC optic*													
66°													
C3188 ○	4x **13W LED**	●	●	●	⏚	4x 1000	4x 560	●	50	3000	90	979	6,80
C3189 ○	4x **13W LED**	●	●	●	⏚	4x 1300	4x 730	●	50	4000	80	979	6,80
C3190 □	4x **13W LED**	●	●	●	⏚	4x 1000	4x 560	●	50	3000	90	979	7,00
C3191 □	4x **13W LED**	●	●	●	⏚	4x 1300	4x 730	●	50	4000	80	979	7,00



LED

IP20 850°C

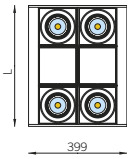


a sospensione > *suspension mounting*

21



Con riflettore in materiale termoplastico metallizzato.
With metalized thermoplastic reflector.



Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio concentrante > *narrow beam*													
16°													
C3192 ○	4x **13W LED**	●	●	●		4x 1000	4x 860	●	50	3000	90	496	6,10
C3193 ○	4x **13W LED**	●	●	●		4x 1300	4x 1100	●	50	4000	80	496	6,10
C3194 □	4x **13W LED**	●	●	●		4x 1000	4x 860	●	50	3000	90	496	6,30
C3195 □	4x **13W LED**	●	●	●		4x 1300	4x 1100	●	50	4000	80	496	6,30
fascio medio > *medium beam*													
37°													
C3196 ○	4x **13W LED**	●	●	●		4x 1000	4x 860	●	50	3000	90	496	6,10
C3197 ○	4x **13W LED**	●	●	●		4x 1300	4x 1100	●	50	4000	80	496	6,10
C3198 □	4x **13W LED**	●	●	●		4x 1000	4x 860	●	50	3000	90	496	6,30
C3199 □	4x **13W LED**	●	●	●		4x 1300	4x 1100	●	50	4000	80	496	6,30
fascio diffondente > *wide beam*													
74°													
C3200 ○	4x **13W LED**	●	●	●		4x 1000	4x 770	●	50	3000	90	496	6,10
C3201 ○	4x **13W LED**	●	●	●		4x 1300	4x 1000	●	50	4000	80	496	6,10
C3202 □	4x **13W LED**	●	●	●		4x 1000	4x 770	●	50	3000	90	496	6,30
C3203 □	4x **13W LED**	●	●	●		4x 1300	4x 1000	●	50	4000	80	496	6,30

LED

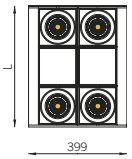
IP20 850°C

a sospensione > *suspension mounting*

21



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.



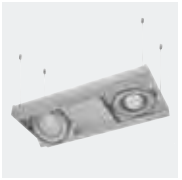
Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio diffondente • ottica GC nera > *wide beam • black GC optic*													
66°													
C3204 ○	4x **13W LED**	●	●	●		4x 1000	4x 560	●	50	3000	90	496	6,10
C3205 ○	4x **13W LED**	●	●	●		4x 1300	4x 730	●	50	4000	80	496	6,10
C3206 □	4x **13W LED**	●	●	●		4x 1000	4x 560	●	50	3000	90	496	6,30
C3207 □	4x **13W LED**	●	●	●		4x 1300	4x 730	●	50	4000	80	496	6,30

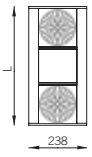
LED

IP20 850°C

a sospensione > *suspension mounting*

21





Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio medio > *medium beam*													
24°													
C3210 ○	2x **22W LED**	●	●	●		2x 2300		●	50	3000	80	496	4,60
C3211 ○	2x **22W LED**	●	●	●		2x 2500		●	50	4000	80	496	4,60
C3212 □	2x **22W LED**	●	●	●		2x 2300		●	50	3000	80	496	4,70
C3213 □	2x **22W LED**	●	●	●		2x 2500		●	50	4000	80	496	4,70
fascio diffondente > *wide beam*													
45°													
C3214 ○	2x **22W LED**	●	●	●		2x 2300		●	50	3000	80	496	4,60
C3215 ○	2x **22W LED**	●	●	●		2x 2500		●	50	4000	80	496	4,60
C3216 □	2x **22W LED**	●	●	●		2x 2300		●	50	3000	80	496	4,70
C3217 □	2x **22W LED**	●	●	●		2x 2500		●	50	4000	80	496	4,70

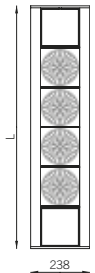
LED

IP20 850°C

a sospensione > *suspension mounting*

21





Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio medio > *medium beam*													
24°													
C3218 ○	4x **22W LED**	●	●	●		4x 2300		●	50	3000	80	979	6,80
C3219 ○	4x **22W LED**	●	●	●		4x 2500		●	50	4000	80	979	6,80
C3220 □	4x **22W LED**	●	●	●		4x 2300		●	50	3000	80	979	7,00
C3221 □	4x **22W LED**	●	●	●		4x 2500		●	50	4000	80	979	7,00
fascio diffondente > *wide beam*													
45°													
C3222 ○	4x **22W LED**	●	●	●		4x 2300		●	50	3000	80	979	6,80
C3223 ○	4x **22W LED**	●	●	●		4x 2500		●	50	4000	80	979	6,80
C3224 □	4x **22W LED**	●	●	●		4x 2300		●	50	3000	80	979	7,00
C3225 □	4x **22W LED**	●	●	●		4x 2500		●	50	4000	80	979	7,00

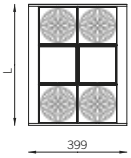
LED

IP20 850°C



a sospensione > *suspension mounting*

21



Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	L	Kg
fascio medio > *medium beam*													
24°													
C3226 ○	4x **22W LED**	●	●	●		4x 2300		●	50	3000	80	496	6,10
C3227 ○	4x **22W LED**	●	●	●		4x 2500		●	50	4000	80	496	6,10
C3228 □	4x **22W LED**	●	●	●		4x 2300		●	50	3000	80	496	6,30
C3229 □	4x **22W LED**	●	●	●		4x 2500		●	50	4000	80	496	6,30
fascio diffondente > *wide beam*													
45°													
C3230 ○	4x **22W LED**	●	●	●		4x 2300		●	50	3000	80	496	6,10
C3231 ○	4x **22W LED**	●	●	●		4x 2500		●	50	4000	80	496	6,10
C3232 □	4x **22W LED**	●	●	●		4x 2300		●	50	3000	80	496	6,30
C3233 □	4x **22W LED**	●	●	●		4x 2500		●	50	4000	80	496	6,30

LED

IP20 850°C

accessori > *accessories*



11 ○
12 ●

Code		Wiring		Kg
A1194	3x0,75 mmq	**CEI**	●	0,20
A1195	5x0,75 mmq	**DALI, DIMM**	●	0,20

Rosone in tecnopolimero con cavo (1,5m).
Engineering plastic cable cup with cable (1.5m).

APPARECCHI DA INCASSO A SOFFITTO
RECESSED DOWNLIGHTS



120 **DiMILANO**60
128 **DiMILANO**100



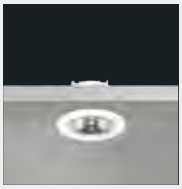
122 **DiMILANO**60 PIN HOLE
131 **DiMILANO**100 PIN HOLE



123 **DiMILANO**60 QUADRATO *SQUARE*
132 **DiMILANO**100 QUADRATO *SQUARE*



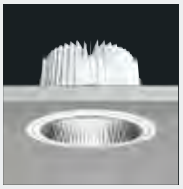
125 **DiMILANO**60 PIN HOLE QUADRATO *PIN HOLE SQUARE*
135 **DiMILANO**100 *PIN HOLE QUADRATO PIN HOLE SQUARE*



138 **TANTUM**50-60 COMPACT
140 **TANTUM**80 COMPACT



141 **QUANTUM**80 COMPACT



144 **TANTUM**170 COMPACT
148 **TANTUM**210 COMPACT



153 **TANTUM**130
161 **TANTUM**170
163 **TANTUM**210



156 **QUANTUM**130
166 **QUANTUM**210



168 **SIRIO**LED 130-180-200



171 **SIRIO**200 **SIRIO**220 DARK-LIGHT



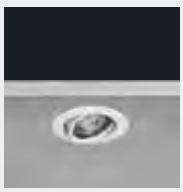
172 **JUNO**200



175 **HIGH SPOT-IN**
178 **HIGH SPOT-IN** TRIMLESS



182 **KLEIN**25-55



183 **FARETTI DA INCASSO** RECESSED SPOTLIGHTS



55 **RIGO-IN GC050** MODULO SINGOLO *SINGLE MODULE*



DiMILANO60

Apparecchio
Corpo e cornice in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Lenti LED in PMMA.
Schermo in policarbonato trasparente stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
LED con efficienza nominale sino a 126lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione ad incasso.
Fissaggio con molle in acciaio.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body and trim.
Polyester powder paint resistant to UV rays.
PMMA lenses for LEDs.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing clear polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
Nominal LED efficacy up to 126lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Installation
Recessed installation.
Steel spring clips.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

Accessori, vedi pag. 126-127.
Accessories, see page 122-123

SC
Driver LED da ordinare separatamente, vedi pag. 126-127.
LED driver to be ordered separately, see page 126-127.

CEI
Driver LED incluso.
LED driver included.

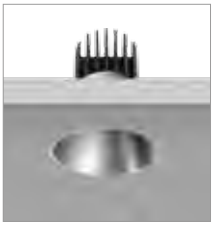
VERSIONI CON LENTE
LENS VERSIONS



VERSIONI PIN HOLE
PIN HOLE VERSIONS



VERSIONI TRIMLESS
TRIMLESS VERSIONS



Versione senza cornice per installazione a scomparsa nel controsoffitto in cartongesso, vedi pagi. 127.
Trimless version for hidden installation on plasterboard ceiling, see page 127.

VERSIONI IP54
IP54 VERSIONI

IP20
IP54

Disponibile accessorio da ordinare unitamente all'apparecchio per aumentare il grado IP43 a IP54, vedi pag. 126.
Available accessory to enhance the IP rating from IP43 to IP54, see page 126. To be ordered together with the luminaire.





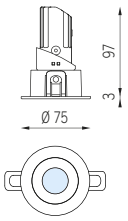


Ottica GC in tecnopolimero bianco.
White engineering plastic GC optic.



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

con lente e schermo in policarbonato > *with lens and polycarbonate screen* — 11 ○ 12 ●



Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
E7100	2W LED	●	●			180	110	●	2700	90	0,14
E7101	2W LED	●	●			200	120	●	3000	90	0,14
12° E7102	2W LED	●	●			250	140	●	4000	80	0,14
fascio medio > *medium beam*											
E7104	6W LED	●	●			500	280	●	2700	90	0,14
E7105	6W LED	●	●			550	310	●	3000	90	0,14
25° E7106	6W LED	●	●			650	370	●	4000	80	0,14
fascio diffondente > *wide beam*											
E7108	6W LED	●	●			500	240	●	2700	90	0,14
E7109	6W LED	●	●			550	260	●	3000	90	0,14
47° E7110	6W LED	●	●			650	300	●	4000	80	0,14
fascio ellittico > *elliptical beam*											
E7112	6W LED	●	●			500	270	●	2700	90	0,14
E7113	6W LED	●	●			550	300	●	3000	90	0,14
47°x27° E7114	6W LED	●	●			650	350	●	4000	80	0,14

fascio concentrante > *narrow beam* — 11 ○ 12 ● 31 ○

E7116-11/12	2W LED	●	●			180	110	●	2700	90	0,14
12° E7116-31	2W LED	●	●			180	110	●	2700	90	0,14
E7117-11/12	2W LED	●	●			200	120	●	3000	90	0,14
E7117-31	2W LED	●	●			200	120	●	3000	90	0,14
E7118-11/12	2W LED	●	●			250	130	●	4000	80	0,14
E7118-31	2W LED	●	●			250	130	●	4000	80	0,14
fascio concentrante > *narrow beam*											
E7120-11/12	6W LED	●	●			500	250	●	2700	90	0,14
25° E7120-31	6W LED	●	●			500	250	●	2700	90	0,14
E7121-11/12	6W LED	●	●			550	260	●	3000	90	0,14
E7121-31	6W LED	●	●			550	260	●	3000	90	0,14
E7122-11/12	6W LED	●	●			650	280	●	4000	80	0,14
E7122-31	6W LED	●	●			650	280	●	4000	80	0,14
fascio diffondente > *wide beam*											
E7124-11/12	6W LED	●	●			500	160	●	2700	90	0,14
47° E7124-31	6W LED	●	●			500	160	●	2700	90	0,14
E7125-11/12	6W LED	●	●			550	180	●	3000	90	0,14
E7125-31	6W LED	●	●			550	180	●	3000	90	0,14
E7126-11/12	6W LED	●	●			650	210	●	4000	80	0,14
E7126-31	6W LED	●	●			650	210	●	4000	80	0,14
fascio ellittico > *elliptical beam*											
E7128-11/12	6W LED	●	●			500	240	●	2700	90	0,14
47°x27° E7128-31	6W LED	●	●			500	240	●	2700	90	0,14
E7129-11/12	6W LED	●	●			550	270	●	3000	90	0,14
E7129-31	6W LED	●	●			550	270	●	3000	90	0,14
E7130-11/12	6W LED	●	●			650	310	●	4000	80	0,14
E7130-31	6W LED	●	●			650	310	●	4000	80	0,14

LED 2W 700mA — LED 6W 500mA

65mm — IP20 — IP43

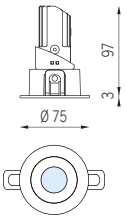
con lente e schermo in policarbonato > *with lens and polycarbonate screen*

11 ○ 12 ● 31 ○



Ottica GC in tecnopolimero metallizzato.
Metalized engineering plastic GC optic.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
12° **E7132-11/12**	**2W LED**	●	●			180	130	●	2700	90	0,14
E7132-31	**2W LED**	●	●			180	130	●	2700	90	0,14
E7133-11/12	**2W LED**	●	●			200	140	●	3000	90	0,14
E7133-31	**2W LED**	●	●			200	140	●	3000	90	0,14
E7134-11/12	**2W LED**	●	●			250	160	●	4000	80	0,14
E7134-31	**2W LED**	●	●			250	160	●	4000	80	0,14
fascio medio > *medium beam*											
25° **E7136-11/12**	**6W LED**	●	●			500	290	●	2700	90	0,14
E7136-31	**6W LED**	●	●			500	290	●	2700	90	0,14
E7137-11/12	**6W LED**	●	●			550	320	●	3000	90	0,14
E7137-31	**6W LED**	●	●			550	320	●	3000	90	0,14
E7138-11/12	**6W LED**	●	●			650	380	●	4000	80	0,14
E7138-31	**6W LED**	●	●			650	380	●	4000	80	0,14
fascio diffondente > *wide beam*											
47° **E7140-11/12**	**6W LED**	●	●			500	240	●	2700	90	0,14
E7140-31	**6W LED**	●	●			500	240	●	2700	90	0,14
E7141-11/12	**6W LED**	●	●			550	270	●	3000	90	0,14
E7141-31	**6W LED**	●	●			550	270	●	3000	90	0,14
E7142-11/12	**6W LED**	●	●			650	310	●	4000	80	0,14
E7142-31	**6W LED**	●	●			650	310	●	4000	80	0,14
fascio ellittico > *elliptical beam*											
47°x27° **E7144-11/12**	**6W LED**	●	●			500	280	●	2700	90	0,14
E7144-31	**6W LED**	●	●			500	280	●	2700	90	0,14
E7145-11/12	**6W LED**	●	●			550	310	●	3000	90	0,14
E7145-31	**6W LED**	●	●			550	310	●	3000	90	0,14
E7146-11/12	**6W LED**	●	●			650	360	●	4000	80	0,14
E7146-31	**6W LED**	●	●			650	360	●	4000	80	0,14



LED 2W 700mA **LED 6W 500mA**

65mm IP20 IP43

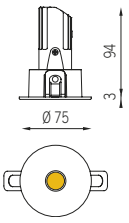
pin hole simmetrico > *symmetrical pin hole*

11 ○ 12 ●



Dispositivo antiabbagliamento in alluminio nero.
Black aluminium anti-glare ring.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
12° **E7164**	**2W LED**	●	●			180	100	●	2700	90	0,18
E7165	**2W LED**	●	●			200	110	●	3000	90	0,18
E7166	**2W LED**	●	●			250	130	●	4000	80	0,18
fascio medio > *medium beam*											
25° **E7168**	**6W LED**	●	●			500	160	●	2700	90	0,18
E7169	**6W LED**	●	●			550	180	●	3000	90	0,18
E7170	**6W LED**	●	●			650	320	●	4000	80	0,18



LED 2W 700mA **LED 6W 500mA**

65mm IP20 IP23

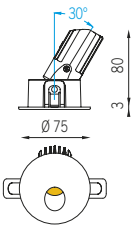
pin hole asimmetrico > *asymmetrical pin hole*

11 ○ 12 ●



Dispositivo antiabbagliamento in alluminio nero.
Black aluminium anti-glare ring.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
12° **E7172**	**2W LED**	●	●			180	80	●	2700	90	0,17
E7173	**2W LED**	●	●			200	80	●	3000	90	0,17
E7174	**2W LED**	●	●			250	100	●	4000	80	0,17
fascio medio > *medium beam*											
25° **E7176**	**6W LED**	●	●			500	220	●	2700	90	0,17
E7177	**6W LED**	●	●			550	240	●	3000	90	0,17
E7178	**6W LED**	●	●			650	280	●	4000	80	0,17



LED 2W 700mA **LED 6W 500mA**

65mm IP20 IP23



DiMILANO60

Apparecchio
Corpo e cornice in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Lenti LED in PMMA.
Schermo in policarbonato trasparente stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 126lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Fissaggio con molle in acciaio.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body and trim.
Polyester powder paint resistant to UV rays.
PMMA lenses for LEDs.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing clear polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 126lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Steel spring clips.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

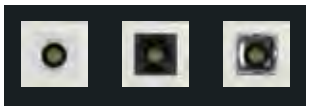
Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

Accessori, vedi pag. 126-127.
Accessories, see page 126-127

SC
Driver LED da ordinare separatamente, vedi pag. 126-127.
LED driver to be ordered separately, see page 126-127.

CEI
Driver LED incluso.
LED driver included.

VERSIONI CON LENTE
LENS VERSIONS



VERSIONI PIN HOLE
PIN HOLE VERSIONS



VERSIONI TRIMLESS
TRIMLESS VERSIONS



Versione senza cornice per installazione a scomparsa nel controsoffitto in cartongesso, vedi pagi. 127.
Trimless version for hidden installation on plasterboard ceiling, see page 127.

VERSIONI IP54
IP54 VERSIONS

IP20
IP54

Disponibile accessorio da ordinare unitamente all'apparecchio per aumentare il grado IP43 a IP54, vedi pag. 126.
Available accessory to enhance the IP rating from IP43 to IP54, see page 126. To be ordered together with the luminaire.

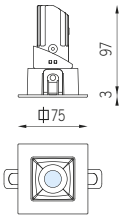




Ottica GC in tecnopolimero bianco.
White engineering plastic GC optic.

con lente e schermo in policarbonato > *with lens and polycarbonate screen*

11 ○ 12 ●



	Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*												
12°	**E8100**	**2W LED**	●	●			180	120	●	2700	90	0,19
	E8101	**2W LED**	●	●			200	130	●	3000	90	0,19
	E8102	**2W LED**	●	●			250	160	●	4000	80	0,19
fascio medio > *medium beam*												
25°	**E8104**	**6W LED**	●	●			500	280	●	2700	90	0,19
	E8105	**6W LED**	●	●			550	310	●	3000	90	0,19
	E8106	**6W LED**	●	●			650	370	●	4000	80	0,19
fascio diffondente > *wide beam*												
47°	**E8108**	**6W LED**	●	●			500	240	●	2700	90	0,19
	E8109	**6W LED**	●	●			550	260	●	3000	90	0,19
	E8110	**6W LED**	●	●			650	300	●	4000	80	0,19
fascio ellittico > *elliptical beam*												
47°x27°	**E8112**	**6W LED**	●	●			500	270	●	2700	90	0,19
	E8113	**6W LED**	●	●			550	300	●	3000	90	0,19
	E8114	**6W LED**	●	●			650	350	●	4000	80	0,19



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

fascio concentrante > *narrow beam* 11 ○ 12 ● 31 ●

12°	**E8116-11/12**	**2W LED**	●	●			180	100	●	2700	90	0,19
	E8116-31	**2W LED**	●	●			180	100	●	2700	90	0,19
	E8117-11/12	**2W LED**	●	●			200	110	●	3000	90	0,19
	E8117-31	**2W LED**	●	●			200	110	●	3000	90	0,19
	E8118-11/12	**2W LED**	●	●			250	140	●	4000	80	0,19
	E8118-31	**2W LED**	●	●			250	140	●	4000	80	0,19
fascio medio > *medium beam*												
25°	**E8120-11/12**	**6W LED**	●	●			500	250	●	2700	90	0,19
	E8120-31	**6W LED**	●	●			500	250	●	2700	90	0,19
	E8121-11/12	**6W LED**	●	●			550	260	●	3000	90	0,19
	E8121-31	**6W LED**	●	●			550	260	●	3000	90	0,19
	E8122-11/12	**6W LED**	●	●			650	280	●	4000	80	0,19
	E8122-31	**6W LED**	●	●			650	280	●	4000	80	0,19
fascio diffondente > *wide beam*												
47°	**E8124-11/12**	**6W LED**	●	●			500	160	●	2700	90	0,19
	E8124-31	**6W LED**	●	●			500	160	●	2700	90	0,19
	E8125-11/12	**6W LED**	●	●			550	180	●	3000	90	0,19
	E8125-31	**6W LED**	●	●			550	180	●	3000	90	0,19
	E8126-11/12	**6W LED**	●	●			650	220	●	4000	80	0,19
	E8126-31	**6W LED**	●	●			650	220	●	4000	80	0,19
ascio ellittico > *elliptical beam*												
47°x27°	**E8128-11/12**	**6W LED**	●	●			500	240	●	2700	90	0,19
	E8128-31	**6W LED**	●	●			500	240	●	2700	90	0,19
	E8129-11/12	**6W LED**	●	●			550	270	●	3000	90	0,19
	E8129-31	**6W LED**	●	●			550	270	●	3000	90	0,19
	E8130-11/12	**6W LED**	●	●			650	310	●	4000	80	0,19
	E8130-31	**6W LED**	●	●			650	310	●	4000	80	0,19

LED 2W 700mA LED 6W 500mA

60mm IP20 IP43

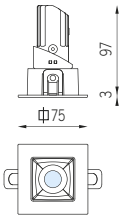


con lente e schermo in policarbonato > *with lens and polycarbonate screen*

11 ○ 12 ● 31 ○



Ottica GC in tecnopolimero metallizzato.
Metalized engineering plastic GC optic.



Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
12°	**E8132-11/12**	**2W LED**	●	●			180	130	●	2700	90	0,19
	E8132-31	**2W LED**	●	●			180	130	●	2700	90	0,19
	E8133-11/12	**2W LED**	●	●			200	140	●	3000	90	0,19
	E8133-31	**2W LED**	●	●			200	140	●	3000	90	0,19
	E8134-11/12	**2W LED**	●	●			250	160	●	4000	80	0,19
	E8134-31	**2W LED**	●	●			250	160	●	4000	80	0,19
fascio medio > *medium beam*											
25°	**E8136-11/12**	**6W LED**	●	●			500	290	●	2700	90	0,19
	E8136-31	**6W LED**	●	●			500	290	●	2700	90	0,19
	E8137-11/12	**6W LED**	●	●			550	310	●	3000	90	0,19
	E8137-31	**6W LED**	●	●			550	310	●	3000	90	0,19
	E8138-11/12	**6W LED**	●	●			650	380	●	4000	80	0,19
	E8138-31	**6W LED**	●	●			650	380	●	4000	80	0,19
fascio diffondente > *wide beam*											
47°	**E8140-11/12**	**6W LED**	●	●			500	250	●	2700	90	0,19
	E8140-31	**6W LED**	●	●			500	250	●	2700	90	0,19
	E8141-11/12	**6W LED**	●	●			550	270	●	3000	90	0,19
	E8141-31	**6W LED**	●	●			550	270	●	3000	90	0,19
	E8142-11/12	**6W LED**	●	●			650	300	●	4000	80	0,19
	E8142-31	**6W LED**	●	●			650	300	●	4000	80	0,19
fascio ellittico > *elliptical beam*											
47°x27°	**E8144-11/12**	**6W LED**	●	●			500	280	●	2700	90	0,19
	E8144-31	**6W LED**	●	●			500	280	●	2700	90	0,19
	E8145-11/12	**6W LED**	●	●			550	300	●	3000	90	0,19
	E8145-31	**6W LED**	●	●			550	300	●	3000	90	0,19
	E8146-11/12	**6W LED**	●	●			650	360	●	4000	80	0,19
	E8146-31	**6W LED**	●	●			650	360	●	4000	80	0,19

LED 2W 700mA **LED 6W 500mA**

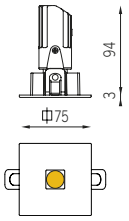
60mm IP20 IP43

pin hole simmetrico > *symmetrical pin hole*

11 ○ 12 ●



Dispositivo antiabbagliamento in alluminio nero.
Black aluminium anti-glare ring.



Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
12°	**E8164**	**2W LED**	●	●			180	85	●	2700	90	0,23
	E8165	**2W LED**	●	●			200	95	●	3000	90	0,23
	E8166	**2W LED**	●	●			250	120	●	4000	80	0,23
fascio medio > *medium beam*											
25°	**E8168**	**6W LED**	●	●			500	250	●	2700	90	0,23
	E8169	**6W LED**	●	●			550	270	●	3000	90	0,23
	E8170	**6W LED**	●	●			650	320	●	4000	80	0,23

LED 2W 700mA **LED 6W 500mA**

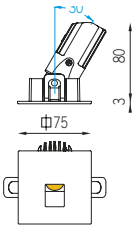
60mm IP20 IP23

pin hole asimmetrico > *asymmetrical pin hole*

11 ○ 12 ●



Dispositivo antiabbagliamento in alluminio nero.
Black aluminium anti-glare ring.



Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
12°	**E8172**	**2W LED**	●	●			180	70	●	2700	90	0,22
	E8173	**2W LED**	●	●			200	75	●	3000	90	0,22
	E8174	**2W LED**	●	●			250	95	●	4000	80	0,22
fascio medio > *medium beam*											
25°	**E8176**	**6W LED**	●	●			500	210	●	2700	90	0,22
	E8177	**6W LED**	●	●			550	230	●	3000	90	0,22
	E8178	**6W LED**	●	●			650	270	●	4000	80	0,22

LED 2W 700mA **LED 6W 500mA**

60mm IP20 IP23

accessori > *accessories*

VERSIONI IP54
IP54 VERSIONS

IP20
IP54

Kit da ordinare unitamente all'apparecchio per aumentare il grado IP43 a IP54.
Kit to enhance the IP rating from IP43 to IP54. To be ordered together with the luminaire.



Adatto per codici:
Suitable for codes:

E7100 ÷ E7146

Code	
E7199	●



Adatto per codici:
Suitable for codes:

E8100 ÷ E8146

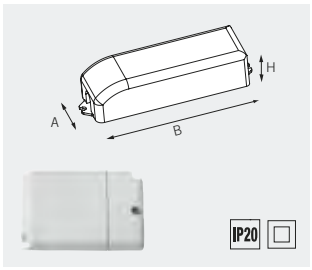
Code	
E8199	●

driver LED a corrente costante: 500mA e 700mA > *constant current LED driver: 500mA and 700mA*

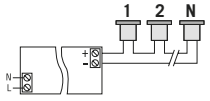
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																						
			E7104	**E7108**	**E7112**	**E7120**	**E7124**	**E7128**	**E7136**	**E7140**	**E7144**	**E7168**	**E7176**	**E8104**	**E8108**	**E8112**	**E8120**	**E8124**	**E8128**	**E8136**	**E8140**	**E8144**	**E8168**	**E8176**
			E7105	**E7109**	**E7113**	**E7121**	**E7125**	**E7129**	**E7137**	**E7141**	**E7145**	**E7169**	**E7177**	**E8105**	**E8109**	**E8113**	**E8121**	**E8125**	**E8129**	**E8137**	**E8141**	**E8145**	**E8169**	**E8177**
			E7106	**E7110**	**E7114**	**E7122**	**E7126**	**E7130**	**E7138**	**E7142**	**E7146**	**E7170**	**E7178**	**E8106**	**E8110**	**E8114**	**E8122**	**E8126**	**E8130**	**E8138**	**E8142**	**E8146**	**E8170**	**E8178**
DRIVER IP20																									
H7948 CEI	500	16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
H7954 CEI	500	35	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
H7945 CEI	500	24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7952 DALI	500	24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7954 DALI	500	35	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
H7952 DIMM	500	22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7954 DIMM	500	35	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

			E7100	**E7102**	**E7117**	**E7132**	**E7134**	**E7165**	**E7172**	**E7174**	**E8100**	**E8102**	**E8117**	**E8132**	**E8134**	**E8165**	**E8172**	**E8174**
			E7101	**E7116**	**E7118**	**E7133**	**E7164**	**E7166**	**E7173**		**E8101**	**E8116**	**E8118**	**E8133**	**E8164**	**E8166**	**E8173**	
DRIVER IP20																		
H7958 CEI	700	16	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
H7954 CEI	700	50	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
H7952 DALI	700	32	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
H7954 DALI	700	50	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
H7952 DIMM	700	25	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
H7954 DIMM	700	50	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	

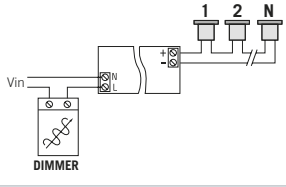
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7948 CEI	500	16	●	37	128	28	0,10
H7954 CEI	500-700	35-50	●	79	125	22	0,15
H7958 CEI	700	16	●	37	128	28	0,11

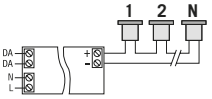


Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7945 CEI	500	32	●	47	166	35	0,11



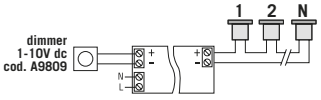
Code	mA	WATT	DALI	A	B	H	Kg
DRIVER IP20							
H7952 DALI	500-700	24-32	●	67	103	21	0,13
H7954 DALI	500-700	35-50	●	79	125	22	0,15

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



Code	mA	WATT	DIMM	A	B	H	Kg
DRIVER IP20							
H7952 DIMM	500-700	22-25	●	67	103	21	0,11
H7954 DIMM	500-700	35-50	●	79	125	22	0,15

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



versione trimless > *trimless version*

VERSIONE STANDARD
STANDARD VERSION
E7100-11 CEI
E8100-11 CEI

VERSIONE TRIMLESS
TRIMLESS VERSION
E7100**TRL**-11 CEI
E8100**TRL**-11 CEI

Per versione trimless aggiungere TRL al codice prodotto scelto.
For trimless version complete the chosen code with TRL.

ESEMPIO
EXAMPLE

Code	
E7100-11 CEI	●
E8100-11 CEI	●

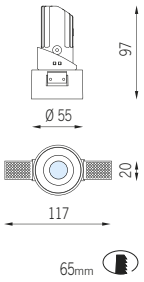
Code		
(E71--)TRL	**STANDARD VERSION +**	●
(E81--)TRL	**STANDARD VERSION +**	●

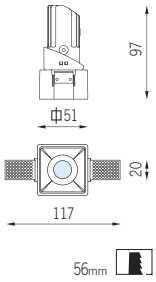
ESEMPIO
EXAMPLE

Code	
E7100TRL-11 CEI	●
E8100TRL-11 CEI	●









NON ADATTO PER VERSIONI PIN HOLE.
NOT SUITABLE FOR PIN HOLE VERSIONS.
E7164 ÷ E7178
E8164 ÷ E8178

driver LED con emergenza a corrente costante: 500mA e 700mA > *constant current LED emergency driver: 500mA and 700mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																						
			E7104	**E7108**	**E7112**	**E7120**	**E7124**	**E7128**	**E7136**	**E7140**	**E7144**	**E7168**	**E7176**	**E8104**	**E8108**	**E8112**	**E8120**	**E8124**	**E8128**	**E8136**	**E8140**	**E8144**	**E8168**	**E8176**
			E7105	**E7109**	**E7113**	**E7121**	**E7125**	**E7129**	**E7137**	**E7141**	**E7145**	**E7169**	**E7177**	**E8105**	**E8109**	**E8113**	**E8121**	**E8125**	**E8129**	**E8137**	**E8141**	**E8145**	**E8169**	**E8177**
			E7106	**E7110**	**E7114**	**E7122**	**E7126**	**E7130**	**E7138**	**E7142**	**E7146**	**E7170**	**E7178**	**E8106**	**E8110**	**E8114**	**E8122**	**E8126**	**E8130**	**E8138**	**E8142**	**E8146**	**E8170**	**E8178**
DRIVER IP20																									
H7921 CEI-EM	500	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H7921 DALI-EM	500	24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H7921 DIMM-EM	500	24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Code	mA	WATT																							
			E7100	**E7102**	**E7117**	**E7132**	**E7134**	**E7165**	**E7172**	**E7174**	**E8100**	**E8102**	**E8117**	**E8132**	**E8134**	**E8165**	**E8172**	**E8174**							
			E7101	**E7116**	**E7118**	**E7133**	**E7164**	**E7166**	**E7173**		**E8101**	**E8116**	**E8118**	**E8133**	**E8164**	**E8166**	**E8173**								
DRIVER IP20																									
H7932 CEI-EM	700	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
H7932 DALI-EM	700	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
H7932 DIMM-EM	700	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							

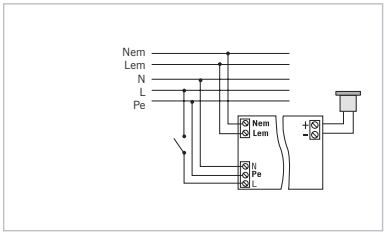
Driver LED con emergenza da usare con apparecchi SC > *LED drivers with emergency equipment to be used with SC fittings*

A richiesta driver LED con gruppo emergenza autonomia 3 ore > *Available on request LED driver with 3 hours autonomy emergency option*

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

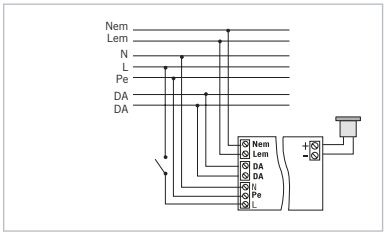


Code	mA	WATT	**CEI-EM**				Kg
DRIVER IP20							
H7921 CEI-EM	500	20	●				0,70
H7932 CEI-EM	700	50	●				0,70



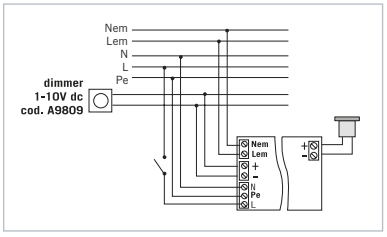
Code	mA	WATT	**DALI-EM**				Kg
DRIVER IP20							
H7921 DALI-EM	500	24	●				0,70
H7932 DALI-EM	700	50	●				0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



Code	mA	WATT	**DIMM-EM**				Kg
DRIVER IP20							
H7921 DIMM-EM	500	24	●				0,70
H7932 DIMM-EM	700	50	●				0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.





DiMILANO100

Apparecchio
Corpo e cornice in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Lenti LED in PMMA.
Schermo in policarbonato trasparente stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
LED con efficienza nominale sino a 128lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione ad incasso.
Fissaggio con molle in acciaio.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body and trim.
Polyester powder paint resistant to UV rays.
Reflector made of engineering plastic metalized in high-vacuum.
PMMA lenses for LEDs.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing clear polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
Nominal LED efficacy up to 128lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Installation
Recessed installation.
Steel spring clips.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

Accessori, vedi pag. 136-137.
Accessories, see page 136-137.

SC
Driver LED da ordinare separatamente, vedi pag. 136-137.
LED driver to be ordered separately, see page 136-137.

CEI
Driver LED incluso.
LED driver included.

VERSIONI CON LENTE
LENS VERSIONS



VERSIONI CON RIFLETTORE
REFLECTOR VERSIONS



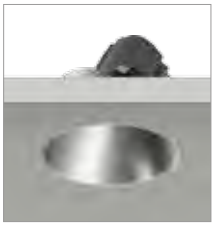
VERSIONI PIN HOLE
PIN HOLE VERSIONS



VERSIONE ORIENTABILE
ADJUSTABLE VERSION



VERSIONI TRIMLESS
TRIMLESS VERSIONS



Versione senza cornice per installazione a scomparsa nel controsoffitto in cartongesso, vedi pag. 137.
Trimless version for hidden installation on plasterboard ceiling, see page 137.

VERSIONI IP54
IP54 VERSIONS

IP20
IP54

Disponibile accessorio da ordinare unitamente all'apparecchio per aumentare il grado IP43 a IP54, vedi pag. 136.
Available accessory to enhance the IP rating from IP43 to IP54, see page 136. To be ordered together with the luminaire.

VERSIONI PER FASCIO ELLITTICO
ELLIPTICAL BEAM VERSIONS

Disponibile accessorio per fascio ellittico, vedi pag. 136.
Available accessory for elliptical beam, see page 136.



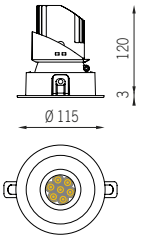
con lente e schermo in policarbonato > *with lens and polycarbonate screen*

11 ○ 12 ●



Ottica GC in tecnopolimero bianco.
White engineering plastic GC optic.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
13° **E7300**	**10W LED**	●	●			910	660	●	2700	90	0,40
E7301	**10W LED**	●	●			940	680	●	3000	90	0,40
E7302	**10W LED**	●	●			1350	960	●	4000	80	0,40
fascio medio > *medium beam*											
25° **E7304**	**10W LED**	●	●			910	600	●	2700	90	0,40
E7305	**10W LED**	●	●			940	620	●	3000	90	0,40
E7306	**10W LED**	●	●			1350	880	●	4000	80	0,40





Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

fascio concentrante > *narrow beam*								11 ○	12 ●	31 ○	
13° **E7308-11/12**	**10W LED**	●	●			910	630	●	2700	90	0,40
E7308-31	**10W LED**	●	●			910	630	●	2700	90	0,40
E7309-11/12	**10W LED**	●	●			940	650	●	3000	90	0,40
E7309-31	**10W LED**	●	●			940	650	●	3000	90	0,40
E7310-11/12	**10W LED**	●	●			1350	910	●	4000	80	0,40
E7310-31	**10W LED**	●	●			1350	910	●	4000	80	0,40
fascio medio > *medium beam*											
25° **E7312-11/12**	**10W LED**	●	●			910	550	●	2700	90	0,40
E7312-31	**10W LED**	●	●			910	550	●	2700	90	0,40
E7313-11/12	**10W LED**	●	●			940	570	●	3000	90	0,40
E7313-31	**10W LED**	●	●			940	570	●	3000	90	0,40
E7314-11/12	**10W LED**	●	●			1350	800	●	4000	80	0,40
E7314-31	**10W LED**	●	●			1350	800	●	4000	80	0,40



Ottica GC in tecnopolimero metallizzato.
Metalized engineering plastic GC optic.

fascio concentrante > *narrow beam*								11 ○	12 ●	31 ○	
13° **E7316-11/12**	**10W LED**	●	●			910	670	●	2700	90	0,40
E7316-31	**10W LED**	●	●			910	670	●	2700	90	0,40
E7317-11/12	**10W LED**	●	●			940	700	●	3000	90	0,40
E7317-31	**10W LED**	●	●			940	700	●	3000	90	0,40
E7318-11/12	**10W LED**	●	●			1350	980	●	4000	80	0,40
E7318-31	**10W LED**	●	●			1350	980	●	4000	80	0,40
fascio medio > *medium beam*											
25° **E7320-11/12**	**10W LED**	●	●			910	630	●	2700	90	0,40
E7320-31	**10W LED**	●	●			910	630	●	2700	90	0,40
E7321-11/12	**10W LED**	●	●			940	650	●	3000	90	0,40
E7321-31	**10W LED**	●	●			940	650	●	3000	90	0,40
E7322-11/12	**10W LED**	●	●			1350	910	●	4000	80	0,40
E7322-31	**10W LED**	●	●			1350	910	●	4000	80	0,40

LED SC 500mA

100mm IP20 IP43

GU10

11 ○ 12 ●



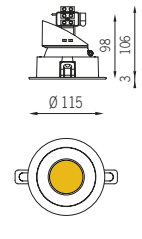
Ottica GC in tecnopolimero.
Engineering plastic GC optic.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
ottica GC bianca > *white GC optic*											
E7324	1x GU10	●									0,20
ottica GC nera > *black GC optic*								11 ○	12 ●	31 ○	
E7325-11/12	1x GU10	●									0,20
E7325-31	1x GU10	●									0,20
ottica GC metallizzata > *metalized GC optic*								11 ○	12 ●	31 ○	
E7326-11/12	1x GU10	●									0,20
E7326-31	1x GU10	●									0,20

GU10 **7W LED 230Vac**

Adatto solo per lampade tipo LED.
Suitable only for LED lamps.

100mm IP20 IP23

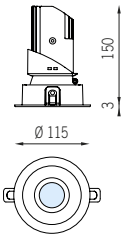


con riflettore e schermo in policarbonato > *with reflector and polycarbonate screen*

11 ○ 12 ●



Ottica GC in tecnopolimero bianco.
White engineering plastic GC optic.



	Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*												
12°	**E7332**	**13W LED**	●	●			1250	810	●	2700	90	0,44
	E7333	**13W LED**	●	●			1300	860	●	3000	90	0,44
	E7334	**13W LED**	●	●			1600	990	●	4000	80	0,44
fascio medio > *medium beam*												
24°	**E7336**	**13W LED**	●	●			1250	770	●	2700	90	0,44
	E7337	**13W LED**	●	●			1300	820	●	3000	90	0,44
	E7338	**13W LED**	●	●			1600	950	●	4000	80	0,44
fascio diffondente > *wide beam*												
36°	**E7340**	**13W LED**	●	●			1250	690	●	2700	90	0,44
	E7341	**13W LED**	●	●			1300	740	●	3000	90	0,44
	E7342	**13W LED**	●	●			1600	860	●	4000	80	0,44



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

fascio concentrante > *narrow beam* — 11 ○ 12 ● 31 ○

12°	**E7344-11/12**	**13W LED**	●	●			1250	760	●	2700	90	0,44
	E7344-31	**13W LED**	●	●			1250	760	●	2700	90	0,44
	E7345-11/12	**13W LED**	●	●			1300	810	●	3000	90	0,44
	E7345-31	**13W LED**	●	●			1300	810	●	3000	90	0,44
	E7346-11/12	**13W LED**	●	●			1600	930	●	4000	80	0,44
	E7346-31	**13W LED**	●	●			1600	930	●	4000	80	0,44
fascio medio > *medium beam*												
24°	**E7348-11/12**	**13W LED**	●	●			1250	720	●	2700	90	0,44
	E7348-31	**13W LED**	●	●			1250	720	●	2700	90	0,44
	E7349-11/12	**13W LED**	●	●			1300	770	●	3000	90	0,44
	E7349-31	**13W LED**	●	●			1300	770	●	3000	90	0,44
	E7350-11/12	**13W LED**	●	●			1600	890	●	4000	80	0,44
	E7350-31	**13W LED**	●	●			1600	890	●	4000	80	0,44
fascio diffondente > *wide beam*												
36°	**E7352-11/12**	**13W LED**	●	●			1250	650	●	2700	90	0,44
	E7352-31	**13W LED**	●	●			1250	650	●	2700	90	0,44
	E7353-11/12	**13W LED**	●	●			1300	700	●	3000	90	0,44
	E7353-31	**13W LED**	●	●			1300	700	●	3000	90	0,44
	E7354-11/12	**13W LED**	●	●			1600	810	●	4000	80	0,44
	E7354-31	**13W LED**	●	●			1600	810	●	4000	80	0,44



Ottica GC in tecnopolimero metallizzato.
Metalized engineering plastic GC optic

fascio concentrante > *narrow beam* — 11 ○ 12 ● 31 ○

12°	**E7356-11/12**	**13W LED**	●	●			1250	930	●	2700	90	0,44
	E7356-31	**13W LED**	●	●			1250	930	●	2700	90	0,44
	E7357-11/12	**13W LED**	●	●			1300	990	●	3000	90	0,44
	E7357-31	**13W LED**	●	●			1300	990	●	3000	90	0,44
	E7358-11/12	**13W LED**	●	●			1600	1150	●	4000	80	0,44
	E7358-31	**13W LED**	●	●			1600	1150	●	4000	80	0,44
fascio medio > *medium beam*												
24°	**E7360-11/12**	**13W LED**	●	●			1250	890	●	2700	90	0,44
	E7360-31	**13W LED**	●	●			1250	890	●	2700	90	0,44
	E7361-11/12	**13W LED**	●	●			1300	940	●	3000	90	0,44
	E7361-31	**13W LED**	●	●			1300	940	●	3000	90	0,44
	E7362-11/12	**13W LED**	●	●			1600	1100	●	4000	80	0,44
	E7362-31	**13W LED**	●	●			1600	1100	●	4000	80	0,44
fascio diffondente > *wide beam*												
36°	**E7364-11/12**	**13W LED**	●	●			1250	790	●	2700	90	0,44
	E7364-31	**13W LED**	●	●			1250	790	●	2700	90	0,44
	E7365-11/12	**13W LED**	●	●			1300	850	●	3000	90	0,44
	E7365-31	**13W LED**	●	●			1300	850	●	3000	90	0,44
	E7366-11/12	**13W LED**	●	●			1600	990	●	4000	80	0,44
	E7366-31	**13W LED**	●	●			1600	990	●	4000	80	0,44

LED SC 350mA

100mm IP20 IP43

pin hole simmetrico > *symmetrical pin hole*

11 ○ 12 ●



Dispositivo antiabbagliamento in alluminio nero.
Black aluminium anti-glare ring.

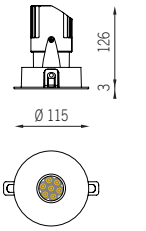
Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
E7380	10W LED	●	●			910	480	●	2700	90	0,46
E7381	10W LED	●	●			940	500	●	3000	90	0,46
E7382	10W LED	●	●			1350	710	●	4000	80	0,46

13°

LED SC 500mA

100mm

IP20 IP23



pin hole asimmetrico 30° > *30° asymmetrical pin hole*

11 ○ 12 ●



Dispositivo antiabbagliamento in alluminio nero.
Black aluminium anti-glare ring.

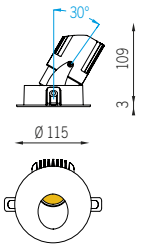
Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
E7384	10W LED	●	●			910	470	●	2700	90	0,45
E7385	10W LED	●	●			940	490	●	3000	90	0,45
E7386	10W LED	●	●			1350	690	●	4000	80	0,45

13°

LED SC 500mA

100mm

IP20 IP23



orientabile > *adjustable*

11 ○ 12 ●

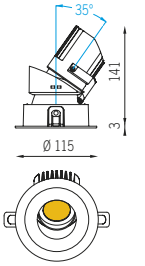


Ottica GC in tecnopolimero bianco.
White engineering plastic GC optic.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
E7388	10W LED	●	●			910	660	●	2700	90	0,41
E7389	10W LED	●	●			940	680	●	3000	90	0,41
E7390	10W LED	●	●			1350	960	●	4000	80	0,41
fascio medio > *medium beam*											
E7392	10W LED	●	●			910	600	●	2700	90	0,41
E7393	10W LED	●	●			940	620	●	3000	90	0,41
E7394	10W LED	●	●			1330	880	●	4000	80	0,41

13°

25°



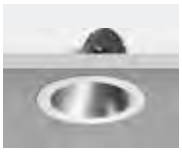


Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
E7396-11/12	10W LED	●	●			910	630	●	2700	90	0,41
E7396-31	10W LED	●	●			910	630	●	2700	90	0,41
E7397-11/12	10W LED	●	●			940	650	●	3000	90	0,41
E7397-31	10W LED	●	●			940	650	●	3000	90	0,41
E7398-11/12	10W LED	●	●			1330	910	●	4000	80	0,41
E7398-31	10W LED	●	●			1330	910	●	4000	80	0,41
fascio medio > *medium beam*											
E7400-11/12	10W LED	●	●			910	550	●	2700	90	0,41
E7400-31	10W LED	●	●			910	550	●	2700	90	0,41
E7401-11/12	10W LED	●	●			940	570	●	3000	90	0,41
E7401-31	10W LED	●	●			940	570	●	3000	90	0,41
E7402-11/12	10W LED	●	●			1330	800	●	4000	80	0,41
E7402-31	10W LED	●	●			1330	800	●	4000	80	0,41

13°

25°



Ottica GC in tecnopolimero metallizzato.
Metalized engineering plastic GC optic.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
E7404-11/12	10W LED	●	●			910	670	●	2700	90	0,41
E7404-31	10W LED	●	●			910	670	●	2700	90	0,41
E7405-11/12	10W LED	●	●			940	700	●	3000	90	0,41
E7405-31	10W LED	●	●			940	700	●	3000	90	0,41
E7406-11/12	10W LED	●	●			1330	980	●	4000	80	0,41
E7406-31	10W LED	●	●			1330	980	●	4000	80	0,41
fascio medio > *medium beam*											
E7408-11/12	10W LED	●	●			910	630	●	2700	90	0,41
E7408-31	10W LED	●	●			910	630	●	2700	90	0,41
E7409-11/12	10W LED	●	●			940	650	●	3000	90	0,41
E7409-31	10W LED	●	●			940	650	●	3000	90	0,41
E7410-11/12	10W LED	●	●			1330	910	●	4000	80	0,41
E7410-31	10W LED	●	●			1330	910	●	4000	80	0,41

13°

25°

LED SC 500mA

100mm

IP20 IP23



DiMILANO100

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

Apparecchio
Corpo e cornice in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Lenti LED in PMMA.
Schermo in policarbonato trasparente stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 128lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Fissaggio con molle in acciaio.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body and trim.
Polyester powder paint resistant to UV rays.
Reflector made of engineering plastic metalized in high-vacuum.
PMMA lenses for LEDs.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing clear polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 128lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Steel spring clips.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 136-137.
Accessories, see page 136-137.

SC
Driver LED da ordinare separatamente, vedi pag. 136-137.
LED driver to be ordered separately, see page 136-137.

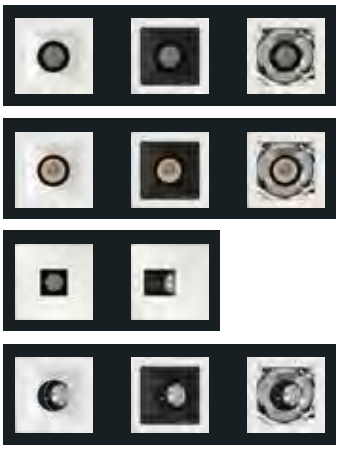
CEI
Driver LED incluso.
LED driver included.

VERSIONI CON LENTE
LENS VERSIONS

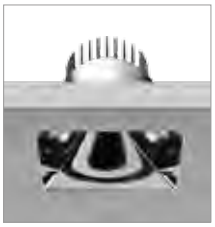
VERSIONI CON RIFLETTORE
REFLECTOR VERSIONS

VERSIONI PIN HOLE
PIN HOLE VERSIONS

VERSIONE ORIENTABILE
ADJUSTABLE VERSION



VERSIONI TRIMLESS
TRIMLESS VERSIONS



Versione senza cornice per installazione a scomparsa nel controsoffitto in cartongesso, vedi pag. 137.
Trimless version for hidden installation on plasterboard ceiling, see page 137.

VERSIONI IP54
IP54 VERSIONS

IP20
IP54

Disponibile accessorio da ordinare unitamente all'apparecchio per aumentare il grado IP43 a IP54, vedi pag. 136.
Available accessory to enhance the IP rating from IP43 to IP54, see page 136. To be ordered together with the luminaire.

VERSIONI PER FASCIO ELLITTICO
ELLIPTICAL BEAM VERSIONS

Disponibile accessorio per fascio ellittico, vedi pag. 136.
Available accessory for elliptical beam, see page 136



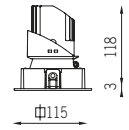
con lente e schermo in policarbonato > *with lens and polycarbonate screen*

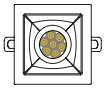
11 ○ 12 ●



Ottica GC in tecnopolimero bianco.
White engineering plastic GC optic.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
13° **E8300**	**10W LED**	●	●			910	660	●	2700	90	0,53
E8301	**10W LED**	●	●			940	670	●	3000	90	0,53
E8302	**10W LED**	●	●			1330	940	●	4000	80	0,53
fascio medio > *medium beam*											
25° **E8304**	**10W LED**	●	●			910	590	●	2700	90	0,53
E8305	**10W LED**	●	●			940	610	●	3000	90	0,53
E8306	**10W LED**	●	●			1330	860	●	4000	80	0,53







Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

fascio concentrante > *narrow beam*								11 ○	12 ●	31 ○	
13° **E8308-11/12**	**10W LED**	●	●			910	620	●	2700	90	0,53
E8308-31	**10W LED**	●	●			910	620	●	2700	90	0,53
E8309-11/12	**10W LED**	●	●			940	640	●	3000	90	0,53
E8309-31	**10W LED**	●	●			940	640	●	3000	90	0,53
E8310-11/12	**10W LED**	●	●			1330	900	●	4000	80	0,53
E8310-31	**10W LED**	●	●			1330	900	●	4000	80	0,53
fascio medio > *medium beam*											
25° **E8312-11/12**	**10W LED**	●	●			910	540	●	2700	90	0,53
E8312-31	**10W LED**	●	●			910	540	●	2700	90	0,53
E8313-11/12	**10W LED**	●	●			940	560	●	3000	90	0,53
E8313-31	**10W LED**	●	●			940	560	●	3000	90	0,53
E8314-11/12	**10W LED**	●	●			1330	780	●	4000	80	0,53
E8314-31	**10W LED**	●	●			1330	780	●	4000	80	0,53



Ottica GC in tecnopolimero metallizzato.
Metalized engineering plastic GC optic.

fascio concentrante > *narrow beam*								11 ○	12 ●	31 ○	
13° **E8316-11/12**	**10W LED**	●	●			910	685	●	2700	90	0,53
E8316-31	**10W LED**	●	●			910	685	●	2700	90	0,53
E8317-11/12	**10W LED**	●	●			940	705	●	3000	90	0,53
E8317-31	**10W LED**	●	●			940	705	●	3000	90	0,53
E8318-11/12	**10W LED**	●	●			1330	1000	●	4000	80	0,53
E8318-31	**10W LED**	●	●			1330	1000	●	4000	80	0,53
fascio medio > *medium beam*											
25° **E8320-11/12**	**10W LED**	●	●			910	610	●	2700	90	0,53
E8320-31	**10W LED**	●	●			910	610	●	2700	90	0,53
E8321-11/12	**10W LED**	●	●			940	630	●	3000	90	0,53
E8321-31	**10W LED**	●	●			940	630	●	3000	90	0,53
E8322-11/12	**10W LED**	●	●			1330	890	●	4000	80	0,53
E8322-31	**10W LED**	●	●			1330	890	●	4000	80	0,53

LED SC 500mA

100mm

IP20
IP43

GU10

11 ○ 12 ●



Ottica GC in tecnopolimero.
Engineering plastic GC optic.

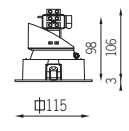
Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
ottica GC bianca > *white GC optic*											
E8324	1x GU10	●		⏚							0,33
ottica GC nera > *black GC optic*								11 ○	12 ●	31 ○	
E8325-11/12	1x GU10	●		⏚							0,33
E8325-31	1x GU10	●		⏚							0,33
ottica GC metallizzata > *metalized GC optic*								11 ○	12 ●	31 ○	
E8326-11/12	1x GU10	●		⏚							0,33
E8326-31	1x GU10	●		⏚							0,33

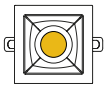
GU10 **7W LED 230Vac**

Adatto solo per lampade tipo LED.
Suitable only for LED lamps.

100mm

IP20
IP23



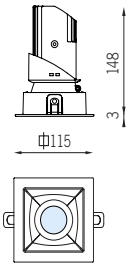


con riflettore e schermo in policarbonato > *with reflector and polycarbonate screen*

11 ○ 12 ●



Ottica GC in tecnopolimero bianco.
White engineering plastic GC optic.



Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
12° **E8332**	**13W LED**	●	●			1250	780	●	2700	90	0,57
E8333	**13W LED**	●	●			1300	810	●	3000	90	0,57
E8334	**13W LED**	●	●			1600	1000	●	4000	80	0,57
fascio medio > *medium beam*											
24° **E8336**	**13W LED**	●	●			1250	750	●	2700	90	0,57
E8337	**13W LED**	●	●			1300	780	●	3000	90	0,57
E8338	**13W LED**	●	●			1600	970	●	4000	80	0,57
fascio diffondente > *wide beam*											
36° **E8340**	**13W LED**	●	●			1250	720	●	2700	90	0,57
E8341	**13W LED**	●	●			1300	750	●	3000	90	0,57
E8342	**13W LED**	●	●			1600	930	●	4000	80	0,57



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

fascio concentrante > *narrow beam* 11 ○ 12 ● 31 ○

12° **E8344-11/12**	**13W LED**	●	●			1250	720	●	2700	90	0,57
E8344-31	**13W LED**	●	●			1250	720	●	2700	90	0,57
E8345-11/12	**13W LED**	●	●			1300	750	●	3000	90	0,57
E8345-31	**13W LED**	●	●			1300	750	●	3000	90	0,57
E8346-11/12	**13W LED**	●	●			1600	940	●	4000	80	0,57
E8346-31	**13W LED**	●	●			1600	940	●	4000	80	0,57
fascio medio > *medium beam*											
24° **E8348-11/12**	**13W LED**	●	●			1250	700	●	2700	90	0,57
E8348-31	**13W LED**	●	●			1250	700	●	2700	90	0,57
E8349-11/12	**13W LED**	●	●			1300	730	●	3000	90	0,57
E8349-31	**13W LED**	●	●			1300	730	●	3000	90	0,57
E8350-11/12	**13W LED**	●	●			1600	910	●	4000	80	0,57
E8350-31	**13W LED**	●	●			1600	910	●	4000	80	0,57
fascio diffondente > *wide beam*											
36° **E8352-11/12**	**13W LED**	●	●			1250	630	●	2700	90	0,57
E8352-31	**13W LED**	●	●			1250	630	●	2700	90	0,57
E8353-11/12	**13W LED**	●	●			1300	660	●	3000	90	0,57
E8353-31	**13W LED**	●	●			1300	660	●	3000	90	0,57
E8354-11/12	**13W LED**	●	●			1600	820	●	4000	80	0,57
E8354-31	**13W LED**	●	●			1600	820	●	4000	80	0,57



Ottica GC in tecnopolimero metallizzato.
Metalized engineering plastic GC optic.

fascio concentrante > *narrow beam* 11 ○ 12 ● 31 ○

12° **E8356-11/12**	**13W LED**	●	●			1250	800	●	2700	90	0,57
E8356-31	**13W LED**	●	●			1250	800	●	2700	90	0,57
E8357-11/12	**13W LED**	●	●			1300	830	●	3000	90	0,57
E8357-31	**13W LED**	●	●			1300	830	●	3000	90	0,57
E8358-11/12	**13W LED**	●	●			1600	1050	●	4000	80	0,57
E8358-31	**13W LED**	●	●			1600	1050	●	4000	80	0,57
fascio medio > *medium beam*											
24° **E8360-11/12**	**13W LED**	●	●			1250	790	●	2700	90	0,57
E8360-31	**13W LED**	●	●			1250	790	●	2700	90	0,57
E8361-11/12	**13W LED**	●	●			1300	820	●	3000	90	0,57
E8361-31	**13W LED**	●	●			1300	820	●	3000	90	0,57
E8362-11/12	**13W LED**	●	●			1600	1050	●	4000	80	0,57
E8362-31	**13W LED**	●	●			1600	1050	●	4000	80	0,57
fascio diffondente > *wide beam*											
36° **E8364-11/12**	**13W LED**	●	●			1250	730	●	2700	90	0,57
E8364-31	**13W LED**	●	●			1250	730	●	2700	90	0,57
E8365-11/12	**13W LED**	●	●			1300	760	●	3000	90	0,57
E8365-31	**13W LED**	●	●			1300	760	●	3000	90	0,57
E8366-11/12	**13W LED**	●	●			1600	950	●	4000	80	0,57
E8366-31	**13W LED**	●	●			1600	950	●	4000	80	0,57

LED SC 350mA

100mm

IP20
IP43

pin hole simmetrico > *symmetrical pin hole*

11 ○ 12 ●



Dispositivo antiabbagliamento in alluminio nero.
Black aluminium anti-glare ring.

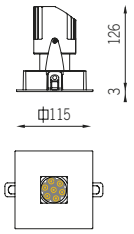
Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > narrow beam											
E8380	10W LED	●	●			910	410	●	2700	90	0,59
E8381	10W LED	●	●			940	420	●	3000	90	0,59
E8382	10W LED	●	●			1350	590	●	4000	80	0,59

13°

LED SC 500mA

100mm

IP20 IP23



pin hole asimmetrico > *asymmetrical pin hole*

11 ○ 12 ●



Dispositivo antiabbagliamento in alluminio nero.
Black aluminium anti-glare ring.

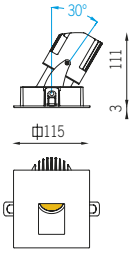
Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > narrow beam											
E8384	10W LED	●	●			910	390	●	2700	90	0,58
E8385	10W LED	●	●			940	400	●	3000	90	0,58
E8386	10W LED	●	●			1350	570	●	4000	80	0,58

13°

LED SC 500mA

100mm

IP20 IP23



orientabile > *adjustable*

11 ○ 12 ●

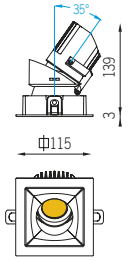


Ottica GC in tecnopolimero bianco.
White engineering plastic GC optic.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > narrow beam											
E8388	10W LED	●	●			910	650	●	2700	90	0,54
E8389	10W LED	●	●			940	670	●	3000	90	0,54
E8390	10W LED	●	●			1350	940	●	4000	80	0,54
fascio medio > medium beam											
E8392	10W LED	●	●			910	590	●	2700	90	0,54
E8393	10W LED	●	●			940	610	●	3000	90	0,54
E8394	10W LED	●	●			1350	860	●	4000	80	0,54

13°

25°





Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

fascio concentrante > narrow beam — 11 ○ 12 ● 31 ○

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
E8396-11/12	10W LED	●	●			910	620	●	2700	90	0,54
E8396-31	10W LED	●	●			910	620	●	2700	90	0,54
E8397-11/12	10W LED	●	●			940	640	●	3000	90	0,54
E8397-31	10W LED	●	●			940	640	●	3000	90	0,54
E8398-11/12	10W LED	●	●			1350	900	●	4000	80	0,54
E8398-31	10W LED	●	●			1350	900	●	4000	80	0,54

13°

fascio medio > medium beam

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
E8400-11/12	10W LED	●	●			910	535	●	2700	90	0,54
E8400-31	10W LED	●	●			910	535	●	2700	90	0,54
E8401-11/12	10W LED	●	●			940	550	●	3000	90	0,54
E8401-31	10W LED	●	●			940	550	●	3000	90	0,54
E8402-11/12	10W LED	●	●			1350	780	●	4000	80	0,54
E8402-31	10W LED	●	●			1350	780	●	4000	80	0,54

25°



Ottica GC in tecnopolimero metallizzato.
Metalized engineering plastic GC optic.

fascio concentrante > narrow beam — 11 ○ 12 ● 31 ○

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
E8404-11/12	10W LED	●	●			910	690	●	2700	90	0,54
E8404-31	10W LED	●	●			910	690	●	2700	90	0,54
E8405-11/12	10W LED	●	●			940	705	●	3000	90	0,54
E8405-31	10W LED	●	●			940	705	●	3000	90	0,54
E8406-11/12	10W LED	●	●			1350	1000	●	4000	80	0,54
E8406-31	10W LED	●	●			1350	1000	●	4000	80	0,54

13°

fascio medio > medium beam

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
E8408-11/12	10W LED	●	●			910	610	●	2700	90	0,54
E8408-31	10W LED	●	●			910	610	●	2700	90	0,54
E8409-11/12	10W LED	●	●			940	630	●	3000	90	0,54
E8409-31	10W LED	●	●			940	630	●	3000	90	0,54
E8410-11/12	10W LED	●	●			1350	890	●	4000	80	0,54
E8410-31	10W LED	●	●			1350	890	●	4000	80	0,54

25°

LED SC 500mA

100mm

IP20 IP23

accessori > *accessories*

VERSIONI IP54
IP54 VERSIONS

IP20
IP54

Kit da ordinare unitamente all'apparecchio per aumentare il grado IP43 a IP54.
Kit to enhance the IP rating from IP43 to IP54. To be ordered together with the luminaire.



Adatto per codici:
Suitable for codes:

E7300 ÷ E7322
E7332 ÷ E7366

Code	
E7499	●



Adatto per codici:
Suitable for codes:

E8300 ÷ E8322
E8332 ÷ E8366

Code	
E8499	●



Adatto per codici:
Suitable for codes:

E7300 ÷ E7322
E7332 ÷ E7366
E8300 ÷ E8322
E8332 ÷ E8366

Code		Kg
E7498	●	0,01

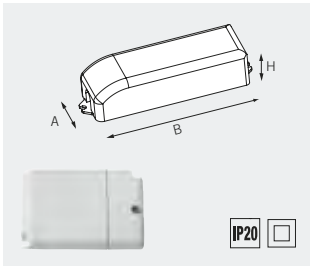
Lente per fascio ellissoidale in policarbonato.
Polycarbonate lens for elliptic beam.

driver LED a corrente costante: 350mA e 500mA > *constant current LED driver: 350mA and 500mA*

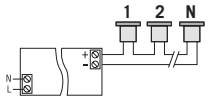
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																				
			E7332	**E7336**	**E7340**	**E7344**	**E7348**	**E7352**	**E7356**	**E7360**	**E7364**				**E8332**	**E8336**	**E8340**	**E8344**	**E8348**	**E8352**	**E8356**	**E8360**	**E8364**		
			E7333	**E7337**	**E7341**	**E7345**	**E7349**	**E7353**	**E7357**	**E7361**	**E7365**				**E8333**	**E8337**	**E8341**	**E8345**	**E8349**	**E8353**	**E8357**	**E8361**	**E8365**		
			E7334	**E7338**	**E7342**	**E7346**	**E7350**	**E7354**	**E7358**	**E7362**	**E7366**				**E8334**	**E8338**	**E8342**	**E8346**	**E8350**	**E8354**	**E8358**	**E8362**	**E8366**		
DRIVER IP20																									
H7951 CEI	350	20	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1	1	1	1		
H7944 CEI	350	17	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1	1	1	1		
H7954 CEI	350	25	2	2	2	2	2	2	2	2	2				2	2	2	2	2	2	2	2	2		
H7952 DALI	350	15	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1	1	1	1		
H7955 DALI	350	40	3	3	3	3	3	3	3	3	3				3	3	3	3	3	3	3	3	3		
H7952 DIMM	350	15	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1	1	1	1		
H7955 DIMM	350	40	3	3	3	3	3	3	3	3	3				3	3	3	3	3	3	3	3	3		

Code	mA	WATT																					
			E7300	**E7305**	**E7310**	**E7316**	**E7321**		**E7380**	**E7385**	**E7390**	**E7396**	**E7401**	**E7406**	**E7300**	**E7305**	**E7310**	**E7316**	**E7321**		**E8380**	**E8385**	**E8390**	**E8396**	**E8401**	**E8406**
			E7301	**E7306**	**E7312**	**E7317**	**E7322**		**E7381**	**E7386**	**E7392**	**E7397**	**E7402**	**E7408**	**E7301**	**E7306**	**E7312**	**E7317**	**E7322**		**E8381**	**E8386**	**E8392**	**E8397**	**E8402**	**E8408**
			E7302	**E7308**	**E7313**	**E7318**			**E7382**	**E7388**	**E7393**	**E7398**	**E7404**	**E7409**	**E7302**	**E7308**	**E7313**	**E7318**			**E8382**	**E8388**	**E8393**	**E8398**	**E8404**	**E8409**
			E7304	**E7309**	**E7314**	**E7320**			**E7384**	**E7389**	**E7394**	**E7400**	**E7405**	**E7410**	**E7304**	**E7309**	**E7314**	**E7320**			**E8384**	**E8389**	**E8394**	**E8400**	**E8405**	**E8410**
DRIVER IP20																									
H7948 CEI	500	16	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1
H7954 CEI	500	35	3	3	3	3	3		3	3	3	3	3	3	3	3	3	3	3		3	3	3	3	3	3
H7945 CEI	500	24	2	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	2
H7952 DALI	500	24	2	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	2
H7954 DALI	500	35	3	3	3	3	3		3	3	3	3	3	3	3	3	3	3	3		3	3	3	3	3	3
H7952 DIMM	500	22	2	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	2
H7954 DIMM	500	35	3	3	3	3	3		3	3	3	3	3	3	3	3	3	3	3		3	3	3	3	3	3

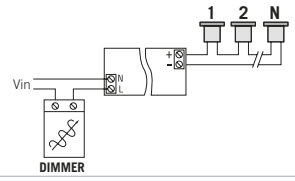
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7951 CEI	350	20	●	54	112	22	0,11
H7954 CEI	350-500	24-35	●	79	125	22	0,15
H7948 CEI	500	16	●	37	128	28	0,10

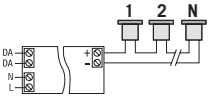


Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7944 CEI	350	17	●	47	166	35	0,11
H7945 CEI	500	32	●	47	166	35	0,11



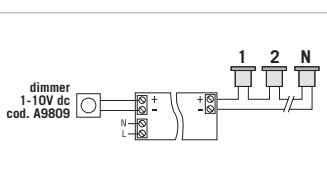
Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

Code	mA	WATT	DALI	A	B	H	Kg
DRIVER IP20							
H7955 DALI	350	40	●	79	124	22	0,15
H7952 DALI	350-500	15-24	●	67	103	21	0,13
H7954 DALI	500	35	●	79	125	22	0,15



Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

Code	mA	WATT	DIMM	A	B	H	Kg
DRIVER IP20							
H7955 DIMM	350	40	●	79	124	22	0,21
H7952 DIMM	350-500	15-22	●	67	103	21	0,11
H7954 DIMM	500	35	●	79	125	22	0,15



versione trimless > *trimless version*

VERSIONE STANDARD
STANDARD VERSION
E7300-11 CEI
E8300-11 CEI

VERSIONE TRIMLESS
TRIMLESS VERSION
E7300**TRL**-11 CEI
E8300**TRL**-11 CEI

Per versione trimless aggiungere TRL al codice prodotto scelto.
For trimless version complete the chosen code with TRL.





NON ADATTO PER VERSIONI PIN HOLE.
NOT SUITABLE FOR PIN HOLE VERSIONS.
E7380 ÷ E7386
E8380 ÷ E8386

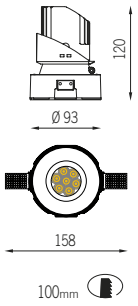
ESEMPIO
EXAMPLE

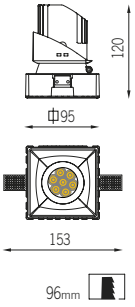
Code	
E7300-11 CEI	●
E8300-11 CEI	●

Code		
(E73--)TRL	STANDARD VERSION +	●
(E83--)TRL	STANDARD VERSION +	●

ESEMPIO
EXAMPLE

Code	
E7300TRL-11 CEI	●
E8300TRL-11 CEI	●





driver LED con emergenza a corrente costante: 350mA e 500mA > *constant current LED emergency driver: 350mA and 500mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																							
			E7332	E7336	E7340	E7344	E7348	E7352	E7356	E7360	E7364				E8332	E8336	E8340	E8344	E8348	E8352	E8356	E8360	E8364			
			E7333	E7337	E7341	E7345	E7349	E7353	E7357	E7361	E7365				E8333	E8337	E8341	E8345	E8349	E8353	E8357	E8361	E8365			
			E7334	E7338	E7342	E7346	E7350	E7354	E7358	E7362	E7366				E8334	E8338	E8342	E8346	E8350	E8354	E8358	E8362	E8366			
DRIVER IP20																										
H7920 CEI-EM	350	19	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1	1	1	1			
H7920 DALI-EM	350	15	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1	1	1	1			
H7920 DIMM-EM	350	15	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1	1	1	1			

Code	mA	WATT																								
			E7300	E7305	E7310	E7316	E7321		E7380	E7385	E7390	E7396	E7401	E7406	E7300	E7305	E7310	E7316	E7321		E8380	E8385	E8390	E8396	E8401	E8406
			E7301	E7306	E7312	E7317	E7322		E7381	E7386	E7392	E7397	E7402	E7408	E7301	E7306	E7312	E7317	E7322		E8381	E8386	E8392	E8397	E8402	E8408
			E7302	E7308	E7313	E7318			E7382	E7388	E7393	E7398	E7404	E7409	E7302	E7308	E7313	E7318			E8382	E8388	E8393	E8398	E8404	E8409
			E7304	E7309	E7314	E7320			E7384	E7389	E7394	E7400	E7405	E7410	E7304	E7309	E7314	E7320			E8384	E8389	E8394	E8400	E8405	E8410
DRIVER IP20																										
H7921 CEI-EM	500	20	1	1	1	1	1	1	1	1		1	1		1	1	1							1	1	1
H7921 DALI-EM	500	24	1	1	1	1	1	1	1	1		1	1		1	1	1							1	1	1
H7921 DIMM-EM	500	24	1	1	1	1	1	1	1	1		1	1		1	1	1							1	1	1

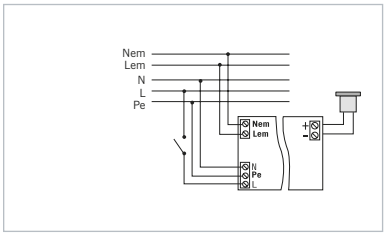
Driver LED con emergenza da usare con apparecchi SC > *LED drivers with emergency equipment to be used with SC fittings*

A richiesta driver LED con gruppo emergenza autonomia 3 ore > *Available on request LED driver with 3 hours autonomy emergency option*

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

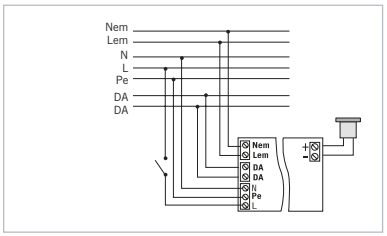


Code	mA	WATT	CEI-EM				Kg
DRIVER IP20							
H7920 CEI-EM	350	19	●				0,70
H7921 CEI-EM	500	20	●				0,70



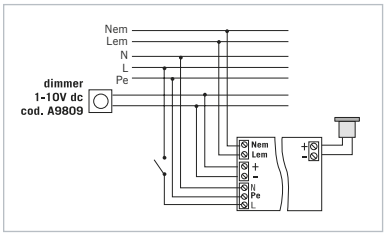
Code	mA	WATT	DALI-EM				Kg
DRIVER IP20							
H7920 DALI-EM	350	15	●				0,70
H7921 DALI-EM	500	24	●				0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



Code	mA	WATT	DIMM-EM				Kg
DRIVER IP20							
H7920 DIMM-EM	350	15	●				0,70
H7921 DIMM-EM	500	24	●				0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.





TANTUM50-60 COMPACT

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Riflettori in policarbonato metallizzato ad alto vuoto.
Schermo in PMMA trasparente.
EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 127lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Fissaggio con molle a filo in acciaio.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Reflector made of engineering plastic metalized in high-vacuum.
Clear PMMA screen.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 127lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Steel springs.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 139.
Accessories, see page 139.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

SC
Driver LED da ordinare separatamente, vedi pag. 139.
LED driver to be ordered separately, see page 139.

CEI
Driver LED incluso.
LED driver included.

TANTUM 50 • con schermo > *with screen*

11 ○ 21 ●



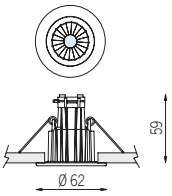
Con riflettore in materiale termoplastico metallizzato.
With metalized thermoplastic reflector.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
E6020	6W LED	●	●			530	380	●	3000	90	0,11
E6021	6W LED	●	●			650	470	●	4000	80	0,11
fascio medio > *medium beam*											
E6022	6W LED	●	●			530	360	●	3000	90	0,11
E6023	6W LED	●	●			650	450	●	4000	80	0,11
fascio diffondente > *wide beam*											
E6024	6W LED	●	●			530	350	●	3000	90	0,11
E6025	6W LED	●	●			650	430	●	4000	80	0,11

20° 36° 67°

LED 500mA

50mm IP20 IP44



TANTUM 50 • con schermo e ottica GC nera > *with screen and black GC optic*

11 ○ 12 ● 21 ●



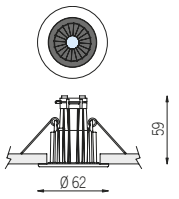
Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*											
E6028	6W LED	●	●			530	140	●	3000	90	0,11
E6029	6W LED	●	●			650	170	●	4000	80	0,11

61°

LED 500mA

50mm IP20 IP44



TANTUM 60 • con schermo > *with screen*

11 ○ 21 ●



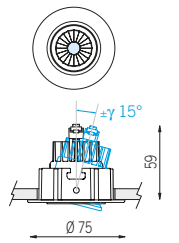
Con riflettore in materiale termoplastico metallizzato.
With metalized thermoplastic reflector.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
orientabile - fascio concentrante > *adjustable - narrow beam*											
E6065	6W LED	●	●			530	380	●	3000	90	0,15
E6066	6W LED	●				650	470	●	4000	80	0,15
orientabile - fascio medio > *adjustable - medium beam*											
E6067	6W LED	●	●			530	360	●	3000	90	0,15
E6068	6W LED	●	●			650	450	●	4000	80	0,15

20° 36°

LED 500mA

60mm IP20 IP23





Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

TANTUM 60 • con schermo e ottica GC nera > *with screen and black GC optic*

11 ○ 12 ● 21 ●

orientabile - fascio diffondente > *adjustable - wide beam*

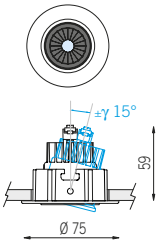
Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
E6063	**6W LED**	●	●			530	140	●	3000	90	0,15
E6064	**6W LED**	●	●			650	170	●	4000	80	0,15

61°

LED 500mA

60mm

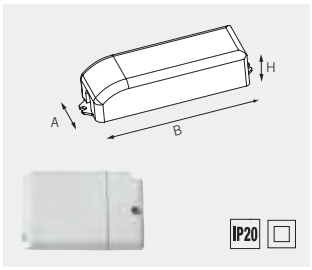
IP20
IP23



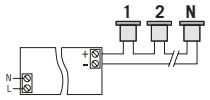
driver LED a corrente costante: 500mA > *constant current LED driver: 500mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*														
			TANTUM 50									TANTUM 60					
			E6020	E6021	E6022	E6023	E6024	E6025	E6028	E6029		E6063	E6064	E6065	E6066	E6067	E6068
DRIVER IP20																	
H7948 CEI	500	16	2	2	2	2	2	2	2	2		2	2	2	2	2	2
H7954 CEI	500	35	5	5	5	5	5	5	5	5		5	5	5	5	5	5
H7945 CEI	500	24	3	3	3	3	3	3	3	3		3	3	3	3	3	3
H7952 DALI	500	24	3	3	3	3	3	3	3	3		3	3	3	3	3	3
H7954 DALI	500	35	5	5	5	5	5	5	5	5		5	5	5	5	5	5
H7952 DIMM	500	22	3	3	3	3	3	3	3	3		3	3	3	3	3	3
H7954 DIMM	500	35	5	5	5	5	5	5	5	5		5	5	5	5	5	5

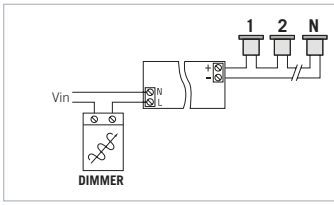
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7948 CEI	500	16	●	37	128	28	0,10
H7954 CEI	500	35	●	79	125	22	0,15

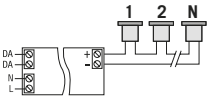


Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7945 CEI	500	32	●	47	166	35	0,11



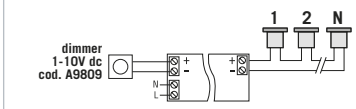
Code	mA	WATT	DALI	A	B	H	Kg
DRIVER IP20							
H7952 DALI	500	24	●	67	103	21	0,13
H7954 DALI	500	35	●	79	125	22	0,15

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 12 for technical details and control accessories DALI and DIMM.



Code	mA	WATT	DIMM	A	B	H	Kg
DRIVER IP20							
H7952 DIMM	500	22	●	67	103	21	0,11
H7954 DIMM	500	35	●	79	125	22	0,15

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 12 for technical details and control accessories DALI and DIMM.





TANTUM80 COMPACT

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Riflettori in policarbonato metallizzato ad alto vuoto.
Schermo in vetro temperato resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Fissaggio con molle a filo in acciaio con copertura in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Reflector made of engineering plastic metalized in high-vacuum.
Thermal-shock resistant tempered safety glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Steel springs with engineering plastic covers.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 142-143.
Accessories, see page 142-143.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

SC
Driver LED da ordinare separatamente, vedi pag. 142-143.
LED driver to be ordered separately, see page 142-143.

CEI
Driver LED incluso.
LED driver included.

con schermo superiore > *with upper screen*

11 ○ 21 ●



Con riflettore in materiale termoplastico metallizzato.
With metalized thermoplastic reflector.

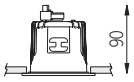
Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
E6400	**13W LED**	●	●			1000	790	●	3000	90	0,27
E6401	**13W LED**	●	●			1300	1050	●	4000	80	0,27
fascio medio > *medium beam*											
E6402	**13W LED**	●	●			1000	790	●	3000	90	0,27
E6403	**13W LED**	●	●			1300	1050	●	4000	80	0,27
fascio diffondente > *wide beam*											
E6404	**13W LED**	●	●			1000	710	●	3000	90	0,27
E6405	**13W LED**	●	●			1300	920	●	4000	80	0,27

16° 37° 74°

LED 350mA

85mm IP20 IP44





con schermo superiore • con ottica GC nera > *with upper screen • with black GC optic*

11 ○ 12 ● 21 ●



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

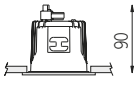
Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*											
E6406	**13W LED**	●	●			1000	490	●	3000	90	0,27
E6407	**13W LED**	●	●			1300	640	●	4000	80	0,27

66°

LED 350mA

85mm IP20 IP44







QUANTUM80 COMPACT

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Riflettori in policarbonato metallizzato ad alto vuoto.
Schermo in vetro temperato resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Fissaggio con molle a filo in acciaio con copertura in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Reflector made of engineering plastic metalized in high-vacuum.
Thermal-shock resistant tempered safety glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Steel springs with engineering plastic covers.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 142-143.
Accessories, see page 142-143.

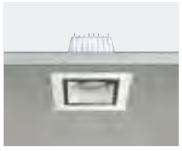
Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

SC
Driver LED da ordinare separatamente, vedi pag. 142-143.
LED driver to be ordered separately, see page 142-143.

CEI
Driver LED incluso.
LED driver included.

con vetro > *with glass*

11 ○ 21 ●



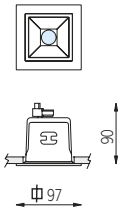
Con riflettore in materiale termoplastico metallizzato.
With metalized thermoplastic reflector.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*											
E6410	**13W LED**	●	●			1000	650	●	3000	90	0,29
E6411	**13W LED**	●	●			1300	850	●	4000	80	0,29
fascio diffondente > *wide beam*											
E6412	**13W LED**	●	●			1000	640	●	3000	90	0,29
E6413	**13W LED**	●	●			1300	840	●	4000	80	0,29

47° 71°

LED 350mA

85mm IP20 IP44



con vetro • con ottica GC nera > *with glass • with black GC optic*

11 ○ 12 ● 21 ●



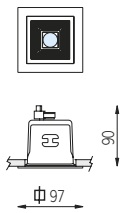
Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*											
E6414	**13W LED**	●	●			1000	350	●	3000	90	0,29
E6415	**13W LED**	●	●			1300	460	●	4000	80	0,29

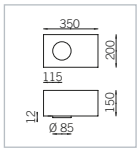
65°

LED 350mA

85mm IP20 IP44

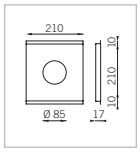


accessori TANTUM80 > *TANTUM80 accessories*



Code		Kg
F2964	on request	0,80

Scatola da incasso per soffitti in calcestruzzo.
Flush-mounted box for concrete ceilings.

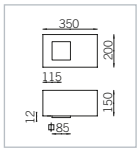


Code		Kg
E6990-11	on request	0,38
E6990-21	on request	0,38

Supporto per doghe a soffitto passo 100 e 200mm.
Support for ceiling strips 100 and 200mm.

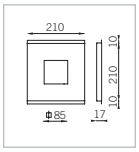
Disponibili a richiesta altre tipologie di supporti.
Available on request different types of supports.

accessori QUANTUM80 > *QUANTUM80 accessories*



Code		Kg
F2965	on request	0,80

Scatola da incasso per soffitti in calcestruzzo.
Flush-mounted box for concrete ceilings.



Code		Kg
E6991-11	on request	0,38
E6991-21	on request	0,38

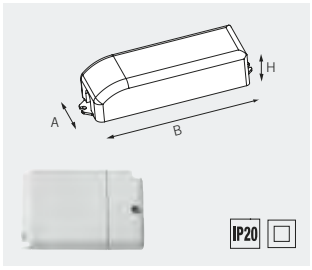
Supporto per doghe a soffitto passo 100 e 200mm.
Support for ceiling strips 100 and 200mm.

Disponibili a richiesta altre tipologie di supporti.
Available on request different types of supports.

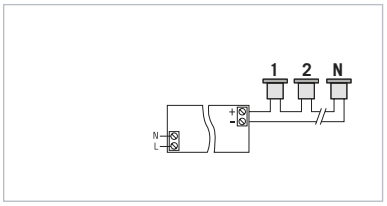
driver LED a corrente costante: 350mA > *constant currente LED driver: 350mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*							
TANTUM 80			**E6400**	**E6401**	**E6402**	**E6403**	**E6404**	**E6405**	**E6406**	**E6407**
QUANTUM 80			**E6410**	**E6411**	**E6412**	**E6413**	**E6414**	**E6415**		
DRIVER IP20										
H7951 CEI	350	20	1	1	1	1	1	1	1	1
H7944 CEI	350	17	1	1	1	1	1	1	1	1
H7952 DALI	350	15	1	1	1	1	1	1	1	1
H7955 DALI	350	40	3	3	3	3	3	3	3	3
H7952 DIMM	350	15	1	1	1	1	1	1	1	1
H7955 DIMM	350	40	3	3	3	3	3	3	3	3

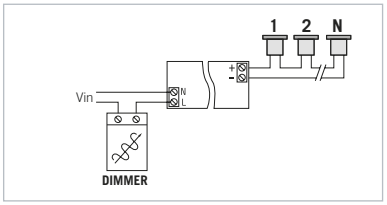
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7951 CEI	350	20	●	54	112	22	0,11

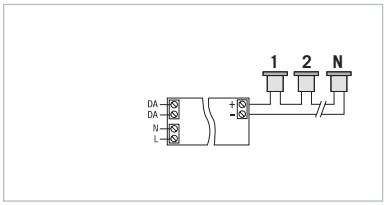


Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7944 CEI	350	17	●	47	166	35	0,11



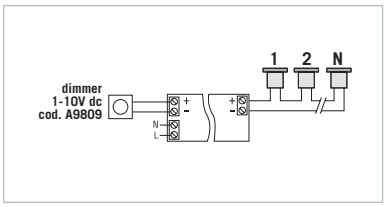
Code	mA	WATT	DALI	A	B	H	Kg
DRIVER IP20							
H7952 DALI	350	15	●	67	103	21	0,13
H7955 DALI	350	40	●	79	124	22	0,15

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



Code	mA	WATT	DIMM	A	B	H	Kg
DRIVER IP20							
H7952 DIMM	350	15	●	67	103	21	0,11
H7955 DIMM	350	40	●	79	124	22	0,21

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



driver LED con emergenza a corrente costante: 350mA > *constant current LED emergency driver: 350mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*							
TANTUM 80			**E6400**	**E6401**	**E6402**	**E6403**	**E6404**	**E6405**	**E6406**	**E6407**
QUANTUM 80			**E6410**	**E6411**	**E6412**	**E6413**	**E6414**	**E6415**		
DRIVER IP20										
H7920 CEI-EM	350	19	1	1	1	1	1	1	1	1
H7920 DALI-EM	350	15	1	1	1	1	1	1	1	1
H7920 DIMM-EM	350	15	1	1	1	1	1	1	1	1

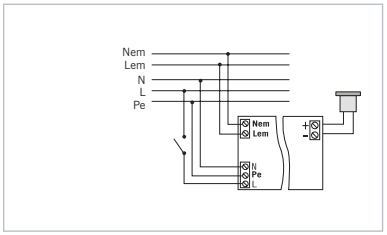
Driver LED con emergenza da usare con apparecchi SC > ***LED drivers with emergency equipment to be used with SC fittings***

A richiesta driver LED con gruppo emergenza autonomia 3 ore > ***Available on request LED driver with 3 hours autonomy emergency option***

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

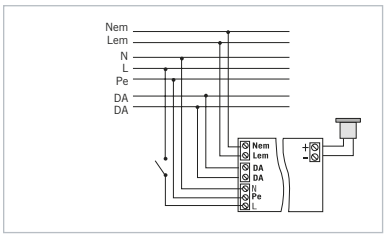


Code	mA	WATT	CEI-EM				Kg
DRIVER IP20							
H7920 CEI-EM	350	19	●				0,70



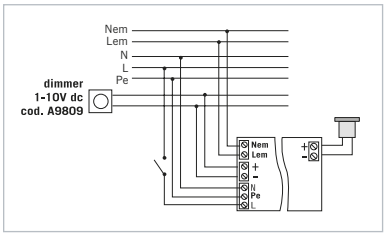
Code	mA	WATT	DALI-EM				Kg
DRIVER IP20							
H7920 DALI-EM	350	15	●				0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 12 for technical details and control accessories DALI and DIMM.



Code	mA	WATT	DIMM-EM				Kg
DRIVER IP20							
H7920 DIMM-EM	350	15	●				0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 12 for technical details and control accessories DALI and DIMM.





TANTUM170 COMPACT

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Riflettori in policarbonato metallizzato ad alto vuoto.
Schermo superiore in PMMA, schermo a filo in policarbonato.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 120lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Fissaggio tramite staffe in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Reflector made of engineering plastic metalized in high-vacuum.
Upper PMMA screen, flush polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 120lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Engineering plastic brackets.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

Facilità d'installazione *Easy installation*



Inserire il corpo dell'apparecchio nel foro praticato nel controsoffitto.
Place the body of the light fitting inside the hole across the plaster board.



Sbloccare con la mano la molla, ruotandola verso l'esterno dell'apparecchio e spingerla in basso per il fissaggio al controsoffitto.
Unlock the spring by hand, turn it towards the outside of the fitting, and slide it down in order to secure the fitting to the plaster board.



Ripetere l'operazione per la seconda molla: il corpo dell'apparecchio è ora fissato.
Repeat the previous operations for the second spring: the fitting is now secured.



Inserire il riflettore nel corpo e agganciarlo ruotandolo in senso orario.
Place the reflector inside the body and fasten it by rotating clockwise.



L'installazione è stata completata senza dover ricorrere ad alcun attrezzo.
The installation has been accomplished without any tool.

Ottiche *Optics*



Riflettore metallizzato sfaccettato senza schermo. Disponibile con fascio medio o diffondente.
Faceted metalized reflector, without screen. Available with medium beam or wide beam.

Riflettore bianco sfaccettato senza schermo. Disponibile con fascio diffondente.
Faceted white reflector without screen. Available with wide beam.

Riflettore metallizzato liscio con schermo a filo. Disponibile con fascio diffondente.
Smooth metalized reflector with flush screen. Available with wide beam.



Riflettore metallizzato sfaccettato con schermo superiore. Disponibile con fascio medio o diffondente.
Faceted metalized reflector with upper screen. Available with medium beam or wide beam.

Riflettore sfaccettato bianco con schermo superiore. Disponibile con fascio diffondente.
Faceted white reflector with upper screen. Available with wide beam.

senza schermo > *without screen*

11 ○ 21 ●



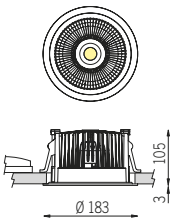
***UGR<19**

Con riflettore metallizzato sfaccettato.
With faceted metalized reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > medium beam												
36°												
E5600 *	**19W LED**	●	●	●	●	⧈	2250	1950	●	3000	80	1,25
E5601 *	**19W LED**	●	●	●	●	⧈	2350	2000	●	4000	80	1,25
E5603 *	**26W LED**	●	●	●	●	⧈	3300	3300	●	3000	80	1,25
E5604 *	**26W LED**	●	●	●	●	⧈	3400	3450	●	4000	80	1,25
fascio diffondente > wide beam												
80°												
E5610 *	**19W LED**	●	●	●	●	⧈	2250	1850	●	3000	80	1,25
E5611 *	**19W LED**	●	●	●	●	⧈	2350	1900	●	4000	80	1,25
E5613	**26W LED**	●	●	●	●	⧈	3300	3150	●	3000	80	1,25
E5614	**26W LED**	●	●	●	●	⧈	3400	3300	●	4000	80	1,25

LED **Driver LED incluso.** ***LED driver included.***

min Ø165mm max Ø170mm IP20 IP23



con schermo a filo > *with flush screen*

11 ○ 21 ●

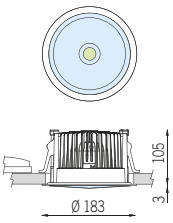


Con riflettore metallizzato liscio.
With smooth metalized reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > wide beam												
72°												
E5630	**19W LED**	●	●	●	●	⧈	2250	1950	●	3000	80	1,25
E5631	**19W LED**	●	●	●	●	⧈	2350	2000	●	4000	80	1,25
E5633	**26W LED**	●	●	●	●	⧈	3300	3300	●	3000	80	1,25
E5634	**26W LED**	●	●	●	●	⧈	3400	3400	●	4000	80	1,25

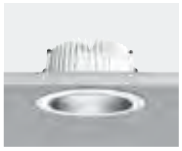
LED **Driver LED incluso.** ***LED driver included.***

min Ø165mm max Ø170mm IP20 IP44



con schermo superiore > *with upper screen*

11 ○ 21 ●



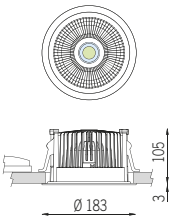
***UGR<19**

Con riflettore metallizzato sfaccettato.
With faceted metalized reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > medium beam												
36°												
E5640 *	**19W LED**	●	●	●	●	⧈	2250	1800	●	3000	80	1,25
E5641 *	**19W LED**	●	●	●	●	⧈	2350	1850	●	4000	80	1,25
E5643 *	**26W LED**	●	●	●	●	⧈	3300	3050	●	3000	80	1,25
E5644 *	**26W LED**	●	●	●	●	⧈	3400	3150	●	4000	80	1,25
fascio diffondente > wide beam												
80°												
E5650 *	**19W LED**	●	●	●	●	⧈	2250	1700	●	3000	80	1,25
E5651 *	**19W LED**	●	●	●	●	⧈	2350	1750	●	4000	80	1,25
E5653	**26W LED**	●	●	●	●	⧈	3300	2900	●	3000	80	1,25
E5654	**26W LED**	●	●	●	●	⧈	3400	3000	●	4000	80	1,25

LED **Driver LED incluso.** ***LED driver included.***

min Ø165mm max Ø170mm IP20 IP44



senza schermo > *without screen*

11 ○ 21 ●

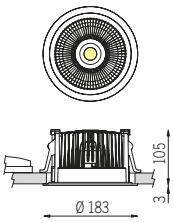


Con riflettore bianco sfaccettato.
With faceted white reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > wide beam												
78°												
E5660	**19W LED**	●	●	●	●	⧈	2250	1850	●	3000	80	1,25
E5661	**19W LED**	●	●	●	●	⧈	2350	1900	●	4000	80	1,25
E5663	**26W LED**	●	●	●	●	⧈	3300	3150	●	3000	80	1,25
E5664	**26W LED**	●	●	●	●	⧈	3400	3250	●	4000	80	1,25

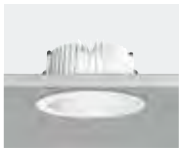
LED **Driver LED incluso.** ***LED driver included.***

min Ø165mm max Ø170mm IP20 IP23



con schermo superiore > *with upper screen*

11 ○ 21 ●

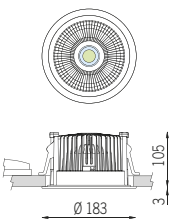


Con riflettore bianco sfaccettato.
With faceted white reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > wide beam												
80°												
E5670	**19W LED**	●	●	●	●	⧈	2250	1800	●	3000	80	1,25
E5671	**19W LED**	●	●	●	●	⧈	2350	1850	●	4000	80	1,25
E5673	**26W LED**	●	●	●	●	⧈	3300	3050	●	3000	80	1,25
E5674	**26W LED**	●	●	●	●	⧈	3400	3150	●	4000	80	1,25

LED **Driver LED incluso.** ***LED driver included.***

min Ø165mm max Ø170mm IP20 IP44



LED PROFESSIONAL

LED con spettro dei colori ottimizzato per la valorizzazione di specifiche tipologie merceologiche.
LED with optimized color spectrum to enhance specific type of goods.

FOOD

BR = bread
LED adatto al banco panetteria
LED suitable for bakery counter

FC = fruit & cheese
LED adatto per frutta, verdura e formaggi
LED suitable for fruits, vegetables and cheeses

FS = fish
LED adatto al banco pesce
LED suitable for fish counter

MT = meat
LED adatto al banco macelleria
LED suitable for butcher counter





FASHION - MUSEUM

MD = fashion
LED adatto al retail
LED suitable for retail

MS = museum
LED adatto a musei e gallerie d'arte
LED suitable for museum and art gallery



PROFESSIONAL LED • senza schermo > *without screen*

11 ○ 21 ●



UGR<19

Con riflettore metallizzato sfaccettato.
With faceted metalized reflector.

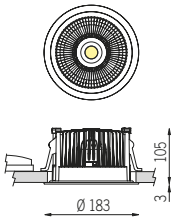
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*												
36°												
E5603BR	**24W LED**	●	●	●	●	⧈	1900	1200	●			1,25
E5603FC	**24W LED**	●	●	●	●	⧈	3050	1900	●			1,25
E5603FS	**24W LED**	●	●	●	●	⧈	2850	1800	●			1,25
E5603MD	**24W LED**	●	●	●	●	⧈	2750	1700	●			1,25
E5603MS	**24W LED**	●	●	●	●	⧈	2650	1650	●			1,25
E5603MT	**24W LED**	●	●	●	●	⧈	1800	1150	●			1,25
fascio diffondente > *wide beam*												
80°												
E5613BR	**24W LED**	●	●	●	●	⧈	1900	1200	●			1,25
E5613FC	**24W LED**	●	●	●	●	⧈	3050	1900	●			1,25
E5613FS	**24W LED**	●	●	●	●	⧈	2850	1800	●			1,25
E5613MD	**24W LED**	●	●	●	●	⧈	2750	1700	●			1,25
E5613MS	**24W LED**	●	●	●	●	⧈	2650	1650	●			1,25
E5613MT	**24W LED**	●	●	●	●	⧈	1800	1150	●			1,25

LED

Driver LED incluso.
LED driver included.

min Ø165mm
max Ø170mm

IP20
IP23



PROFESSIONAL LED • con schermo a filo > *with flush screen*

11 ○ 21 ●



Con riflettore metallizzato liscio.
With smooth metalized reflector.

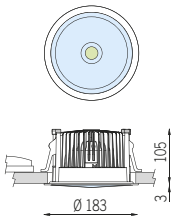
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
80°												
E5633BR	**24W LED**	●	●	●	●	⧈	1900	1200	●			1,25
E5633FC	**24W LED**	●	●	●	●	⧈	3050	1900	●			1,25
E5633FS	**24W LED**	●	●	●	●	⧈	2850	1800	●			1,25
E5633MD	**24W LED**	●	●	●	●	⧈	2750	1700	●			1,25
E5633MS	**24W LED**	●	●	●	●	⧈	2650	1650	●			1,25
E5633MT	**24W LED**	●	●	●	●	⧈	1800	1150	●			1,25

LED

Driver LED incluso.
LED driver included.

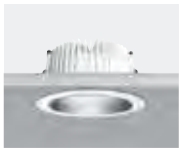
min Ø165mm
max Ø170mm

IP20
IP44



PROFESSIONAL LED • con schermo superiore > *with upper screen*

11 ○ 21 ●



UGR<19

Con riflettore metallizzato sfaccettato.
With faceted metalized reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*												
E5643BR	**24W LED**	●	●	●	●	⧈	1900	1200	●			1,25
E5643FC	**24W LED**	●	●	●	●	⧈	3050	1900	●			1,25
E5643FS	**24W LED**	●	●	●	●	⧈	2850	1800	●			1,25
E5643MD	**24W LED**	●	●	●	●	⧈	2750	1700	●			1,25
E5643MS	**24W LED**	●	●	●	●	⧈	2650	1650	●			1,25
E5643MT	**24W LED**	●	●	●	●	⧈	1800	1150	●			1,25
fascio diffondente > *wide beam*												
E5653BR	**24W LED**	●	●	●	●	⧈	1900	1200	●			1,25
E5653FC	**24W LED**	●	●	●	●	⧈	3050	1900	●			1,25
E5653FS	**24W LED**	●	●	●	●	⧈	2850	1800	●			1,25
E5653MD	**24W LED**	●	●	●	●	⧈	2750	1700	●			1,25
E5653MS	**24W LED**	●	●	●	●	⧈	2650	1650	●			1,25
E5653MT	**24W LED**	●	●	●	●	⧈	1800	1150	●			1,25

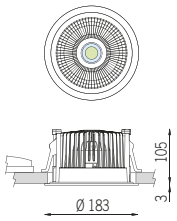
36° 85°

LED

Driver LED incluso.
LED driver included.

min Ø165mm
max Ø170mm

IP20
IP44



PROFESSIONAL LED • senza schermo > *without screen*

11 ○ 21 ●



Con riflettore bianco sfaccettato.
With faceted white reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
E5663BR	**24W LED**	●	●	●	●	⧈	1900	1200	●			1,25
E5663FC	**24W LED**	●	●	●	●	⧈	3050	1900	●			1,25
E5663FS	**24W LED**	●	●	●	●	⧈	2850	1800	●			1,25
E5663MD	**24W LED**	●	●	●	●	⧈	2750	1700	●			1,25
E5663MS	**24W LED**	●	●	●	●	⧈	2650	1650	●			1,25
E5663MT	**24W LED**	●	●	●	●	⧈	1800	1150	●			1,25

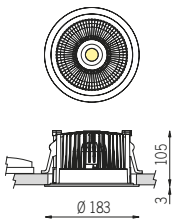
78°

LED

Driver LED incluso.
LED driver included.

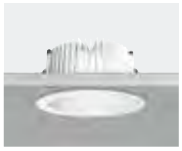
min Ø165mm
max Ø170mm

IP20
IP23



PROFESSIONAL LED • con schermo superiore > *with upper screen*

11 ○ 21 ●



Con riflettore bianco sfaccettato.
With faceted white reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
E5673BR	**24W LED**	●	●	●	●	⧈	1900	1200	●			1,25
E5673FC	**24W LED**	●	●	●	●	⧈	3050	1900	●			1,25
E5673FS	**24W LED**	●	●	●	●	⧈	2850	1800	●			1,25
E5673MD	**24W LED**	●	●	●	●	⧈	2750	1700	●			1,25
E5673MS	**24W LED**	●	●	●	●	⧈	2650	1650	●			1,25
E5673MT	**24W LED**	●	●	●	●	⧈	1800	1150	●			1,25

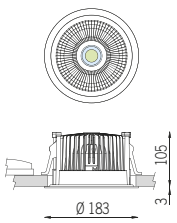
80°

LED

Driver LED incluso.
LED driver included.

min Ø165mm
max Ø170mm

IP20
IP44





TANTUM210 COMPACT

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Riflettori in policarbonato metallizzato ad alto vuoto.
Schermo superiore in PMMA, schermo a filo in policarbonato.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 120lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Fissaggio tramite staffe in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Reflector made of engineering plastic metalized in high-vacuum.
Upper PMMA screen, flush polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 120lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Engineering plastic brackets.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

Facilità d'installazione *Easy installation*



Inserire il corpo dell'apparecchio nel foro praticato nel controsoffitto.
Place the body of the light fitting inside the hole across the plaster board.



Sbloccare con la mano la molla, ruotandola verso l'esterno dell'apparecchio e spingerla in basso per il fissaggio al controsoffitto.
Unlock the spring by hand, turn it towards the outside of the fitting, and slide it down in order to secure the fitting to the plaster board.



Ripetere l'operazione per la seconda molla: il corpo dell'apparecchio è ora fissato.
Repeat the previous operations for the second spring: the fitting is now secured.



Inserire il riflettore nel corpo e agganciarlo ruotandolo in senso orario.
Place the reflector inside the body and fasten it by rotating clockwise.



L'installazione è stata completata senza dover ricorrere ad alcun attrezzo.
The installation has been accomplished without any tool.

Ottiche *Optics*



Riflettore metallizzato sfaccettato senza schermo. Disponibile con fascio medio o diffondente.
Faceted metalized reflector, without screen. Available with medium beam or wide beam.

Riflettore bianco sfaccettato senza schermo. Disponibile con fascio diffondente.
Faceted white reflector without screen. Available with wide beam.

Riflettore metallizzato liscio con schermo a filo. Disponibile con fascio diffondente.
Smooth metalized reflector with flush screen. Available with wide beam.



Riflettore metallizzato sfaccettato con schermo superiore. Disponibile con fascio medio o diffondente.
Faceted metalized reflector with upper screen. Available with medium beam or wide beam.

Riflettore sfaccettato bianco con schermo superiore. Disponibile con fascio diffondente.
Faceted white reflector with upper screen. Available with wide beam.





***UGR<19**

Con riflettore metallizzato sfaccettato.
With faceted metalized reflector.

senza schermo > *without screen*

11 ○ 21 ●

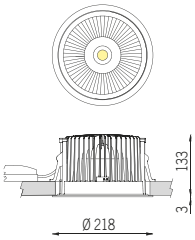
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*												
50°												
E5700 *	**19W LED**	●	●	●	●	⧈	2250	1950	●	3000	80	1,60
E5701 *	**19W LED**	●	●	●	●	⧈	2350	2050	●	4000	80	1,60
E5703 *	**26W LED**	●	●	●	●	⧈	3300	2850	●	3000	80	1,60
E5704 *	**26W LED**	●	●	●	●	⧈	3400	2950	●	4000	80	1,60
E5706 *	**44W LED**	●	●	●	●	⧈	5300	4600	●	3000	80	1,60
E5707 *	**44W LED**	●	●	●	●	⧈	5600	4850	●	4000	80	1,60
fascio diffondente > *wide beam*												
79°												
E5710	**19W LED**	●	●	●	●	⧈	2250	1900	●	3000	80	1,60
E5711	**19W LED**	●	●	●	●	⧈	2350	1950	●	4000	80	1,60
E5713	**26W LED**	●	●	●	●	⧈	3300	2800	●	3000	80	1,60
E5714	**26W LED**	●	●	●	●	⧈	3400	2850	●	4000	80	1,60
E5716	**44W LED**	●	●	●	●	⧈	5300	4500	●	3000	80	1,60
E5717	**44W LED**	●	●	●	●	⧈	5600	4700	●	4000	80	1,60

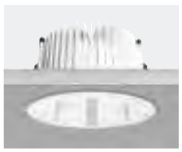
LED

Driver LED incluso.
LED driver included.

min Ø200mm
max Ø205mm

IP20
IP23





Con riflettore metallizzato liscio.
With smooth metalized reflector.

con schermo a filo > *with flush screen*

11 ○ 21 ●

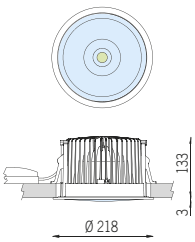
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
80°												
E5730	**19W LED**	●	●	●	●	⧈	2250	1700	●	3000	80	1,60
E5731	**19W LED**	●	●	●	●	⧈	2350	1800	●	4000	80	1,60
E5733	**26W LED**	●	●	●	●	⧈	3300	2500	●	3000	80	1,60
E5734	**26W LED**	●	●	●	●	⧈	3400	2600	●	4000	80	1,60
E5736	**44W LED**	●	●	●	●	⧈	5300	4050	●	3000	80	1,60
E5737	**44W LED**	●	●	●	●	⧈	5600	4250	●	4000	80	1,60

LED

Driver LED incluso.
LED driver included.

min Ø200mm
max Ø205mm

IP20
IP44



con schermo superiore > *with upper screen*

11 ○ 21 ●



***UGR<19**

Con riflettore metallizzato sfaccettato.
With faceted metalized reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*												
E5740 *	**19W LED**	●	●	●	●	⧈	2250	1850	●	3000	80	1,60
E5741 *	**19W LED**	●	●	●	●	⧈	2350	1900	●	4000	80	1,60
E5743 *	**26W LED**	●	●	●	●	⧈	3300	2700	●	3000	80	1,60
E5744 *	**26W LED**	●	●	●	●	⧈	3400	2750	●	4000	80	1,60
E5746 *	**44W LED**	●	●	●	●	⧈	5300	4300	●	3000	80	1,60
E5747 *	**44W LED**	●	●	●	●	⧈	5600	4500	●	4000	80	1,60
fascio diffondente > *wide beam*												
E5750	**19W LED**	●	●	●	●	⧈	2250	1750	●	3000	80	1,60
E5751	**19W LED**	●	●	●	●	⧈	2350	1850	●	4000	80	1,60
E5753	**26W LED**	●	●	●	●	⧈	3300	2600	●	3000	80	1,60
E5754	**26W LED**	●	●	●	●	⧈	3400	2650	●	4000	80	1,60
E5756	**44W LED**	●	●	●	●	⧈	5300	4150	●	3000	80	1,60
E5757	**44W LED**	●	●	●	●	⧈	5600	4400	●	4000	80	1,60

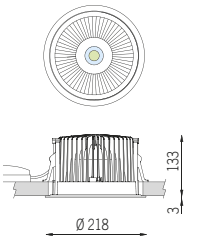
51° 78°

LED

Driver LED incluso.
LED driver included.

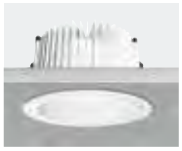
min Ø200mm
max Ø205mm

IP20
IP44



senza schermo > *without screen*

11 ○ 21 ●



Con riflettore bianco sfaccettato.
With faceted white reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
E5760	**19W LED**	●	●	●	●	⧈	2250	1950	●	3000	80	1,60
E5761	**19W LED**	●	●	●	●	⧈	2350	2050	●	4000	80	1,60
E5763	**26W LED**	●	●	●	●	⧈	3300	2900	●	3000	80	1,60
E5764	**26W LED**	●	●	●	●	⧈	3400	3000	●	4000	80	1,60
E5766	**44W LED**	●	●	●	●	⧈	5300	4650	●	3000	80	1,60
E5767	**44W LED**	●	●	●	●	⧈	5600	4900	●	4000	80	1,60

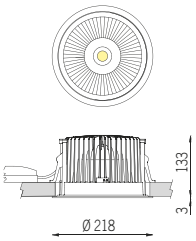
77°

LED

Driver LED incluso.
LED driver included.

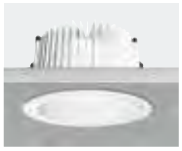
min Ø200mm
max Ø205mm

IP20
IP23



con schermo superiore > *with upper screen*

11 ○ 21 ●



Con riflettore bianco sfaccettato.
With faceted white reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
E5770	**19W LED**	●	●	●	●	⧈	2250	1850	●	3000	80	1,60
E5771	**19W LED**	●	●	●	●	⧈	2350	1900	●	4000	80	1,60
E5773	**26W LED**	●	●	●	●	⧈	3300	2700	●	3000	80	1,60
E5774	**26W LED**	●	●	●	●	⧈	3400	2750	●	4000	80	1,60
E5776	**44W LED**	●	●	●	●	⧈	5300	4300	●	3000	80	1,60
E5777	**44W LED**	●	●	●	●	⧈	5600	4550	●	4000	80	1,60

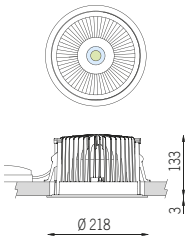
77°

LED

Driver LED incluso.
LED driver included.

min Ø200mm
max Ø205mm

IP20
IP44



LED PROFESSIONAL

LED con spettro dei colori ottimizzato per la valorizzazione di specifiche tipologie merceologiche.
LED with optimized color spectrum to enhance specific type of goods.

FOOD

BR = bread
LED adatto al banco panetteria
LED suitable for bakery counter

FC = fruit & cheese
LED adatto per frutta, verdura e formaggi
LED suitable for fruits, vegetables and cheeses

FS = fish
LED adatto al banco pesce
LED suitable for fish counter

MT = meat
LED adatto al banco macelleria
LED suitable for butcher counter





FASHION - MUSEUM

MD = fashion
LED adatto al retail
LED suitable for retail

MS = museum
LED adatto a musei e gallerie d'arte
LED suitable for museum and art gallery





***UGR<19**

Con riflettore metallizzato sfaccettato.
With faceted metalized reflector.

PROFESSIONAL LED • senza schermo > *without screen*

11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*												
E5706BR *	**46W LED**	●	●	●	●	⧈	3450	2600	●			1,60
E5706FC *	**46W LED**	●	●	●	●	⧈	5700	4350	●			1,60
E5706FS *	**46W LED**	●	●	●	●	⧈	5350	4050	●			1,60
E5706MD *	**46W LED**	●	●	●	●	⧈	5100	3900	●			1,60
E5706MS *	**46W LED**	●	●	●	●	⧈	4950	3750	●			1,60
E5706MT *	**46W LED**	●	●	●	●	⧈	3400	2600	●			1,60
fascio diffondente > *wide beam*												
E5716BR *	**46W LED**	●	●	●	●	⧈	3450	2600	●			1,60
E5716FC	**46W LED**	●	●	●	●	⧈	5700	4350	●			1,60
E5716FS	**46W LED**	●	●	●	●	⧈	5350	4050	●			1,60
E5716MD *	**46W LED**	●	●	●	●	⧈	5100	3900	●			1,60
E5716MS	**46W LED**	●	●	●	●	⧈	4950	3750	●			1,60
E5716MT *	**46W LED**	●	●	●	●	⧈	3400	2600	●			1,60

48°

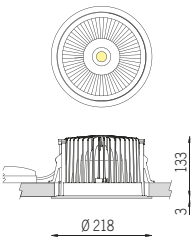
79°

LED

Driver LED incluso.
LED driver included.

min Ø200mm
max Ø205mm

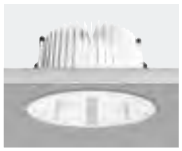
IP20
IP23



PROFESSIONAL LED • con schermo a filo > *with flush screen*

11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
E5736BR	**46W LED**	●	●	●	●	⧈	3450	2600	●			1,60
E5736FC	**46W LED**	●	●	●	●	⧈	5700	4350	●			1,60
E5736FS	**46W LED**	●	●	●	●	⧈	5350	4050	●			1,60
E5736MD	**46W LED**	●	●	●	●	⧈	5100	3900	●			1,60
E5736MS	**46W LED**	●	●	●	●	⧈	4950	3750	●			1,60
E5736MT	**46W LED**	●	●	●	●	⧈	3400	2600	●			1,60



Con riflettore metallizzato liscio.
With smooth metalized reflector.

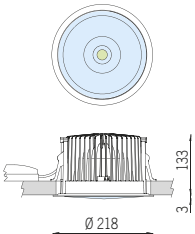
80°

LED

Driver LED incluso.
LED driver included.

min Ø200mm
max Ø205mm

IP20
IP44



PROFESSIONAL LED • con schermo superiore > *with upper screen*

11 ○ 21 ●



***UGR<19**

Con riflettore metallizzato sfaccettato.
With faceted metalized reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*												
E5746BR *	**46W LED**	●	●	●	●	▣	3450	2600	●			1,60
E5746FC *	**46W LED**	●	●	●	●	▣	5700	4350	●			1,60
E5746FS *	**46W LED**	●	●	●	●	▣	5350	4050	●			1,60
E5746MD *	**46W LED**	●	●	●	●	▣	5100	3900	●			1,60
E5746MS *	**46W LED**	●	●	●	●	▣	4950	3750	●			1,60
E5746MT *	**46W LED**	●	●	●	●	▣	3400	2600	●			1,60
fascio diffondente > *wide beam*												
E5756BR *	**46W LED**	●	●	●	●	▣	3450	2600	●			1,60
E5756FC	**46W LED**	●	●	●	●	▣	5700	4350	●			1,60
E5756FS	**46W LED**	●	●	●	●	▣	5350	4050	●			1,60
E5756MD *	**46W LED**	●	●	●	●	▣	5100	3900	●			1,60
E5756MS *	**46W LED**	●	●	●	●	▣	4950	3750	●			1,60
E5756MT *	**46W LED**	●	●	●	●	▣	3400	2600	●			1,60

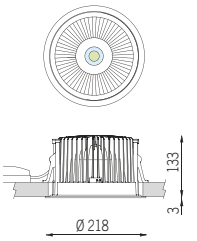
48° 78°

LED

Driver LED incluso.
LED driver included.

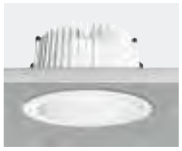
min Ø200mm max Ø205mm

IP20 IP44



PROFESSIONAL LED • senza schermo > *without screen*

11 ○ 21 ●



Con riflettore bianco sfaccettato.
With faceted white reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
E5766BR	**46W LED**	●	●	●	●	▣	3450	2600	●			1,60
E5766FC	**46W LED**	●	●	●	●	▣	5700	4350	●			1,60
E5766FS	**46W LED**	●	●	●	●	▣	5350	4050	●			1,60
E5766MD	**46W LED**	●	●	●	●	▣	5100	3900	●			1,60
E5766MS	**46W LED**	●	●	●	●	▣	4950	3750	●			1,60
E5766MT	**46W LED**	●	●	●	●	▣	3400	2600	●			1,60

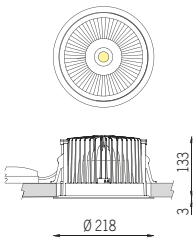
78°

LED

Driver LED incluso.
LED driver included.

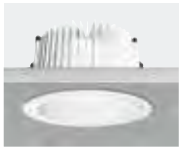
min Ø200mm max Ø205mm

IP20 IP23



PROFESSIONAL LED • con schermo superiore > *with upper screen*

11 ○ 21 ●



Con riflettore bianco sfaccettato.
With faceted white reflector.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
E5776BR	**46W LED**	●	●	●	●	▣	3450	2600	●			1,60
E5776FC	**46W LED**	●	●	●	●	▣	5700	4350	●			1,60
E5776FS	**46W LED**	●	●	●	●	▣	5350	4050	●			1,60
E5776MD	**46W LED**	●	●	●	●	▣	5100	3900	●			1,60
E5776MS	**46W LED**	●	●	●	●	▣	4950	3750	●			1,60
E5776MT	**46W LED**	●	●	●	●	▣	3400	2600	●			1,60

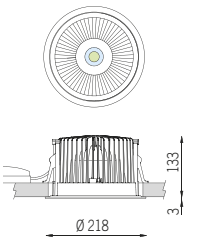
79°

LED

Driver LED incluso.
LED driver included.

min Ø200mm max Ø205mm

IP20 IP44





TANTUM130

Apparecchio
Cornice in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro temperato resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Fissaggio con molle in acciaio.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium trim.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Thermal-shock resistant tempered safety glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
Steel spring clips.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 155-159-160.
Accessories, see page 155-159-160.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

SC
Driver LED da ordinare separatamente, vedi pag. 159-160.
LED driver to be ordered separately, see page 159-160.

CEI
Driver LED incluso.
LED driver included.

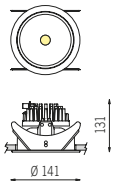


senza vetro > *without glass*

11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*												
E6460	**13W LED**	●	●	●	●	⧈	1150	900	●	3000	80	0,70
E6461	**13W LED**	●	●	●	●	⧈	1450	1150	●	4000	80	0,70
E6462	**19W LED**	●	●	●	●	⧈	2250	1700	●	3000	80	0,70
E6463	**19W LED**	●	●	●	●	⧈	2350	1800	●	4000	80	0,70
fascio diffondente > *wide beam*												
E6465	**13W LED**	●	●	●	●	⧈	1150	900	●	3000	80	0,70
E6466	**13W LED**	●	●	●	●	⧈	1450	1150	●	4000	80	0,70
E6467	**19W LED**	●	●	●	●	⧈	2250	1700	●	3000	80	0,70
E6468	**19W LED**	●	●	●	●	⧈	2350	1800	●	4000	80	0,70

18° 80°



LED — **Driver LED incluso.** ***LED driver included.***

130mm — IP20 / IP23

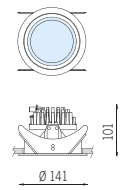


con vetro > *with glass*

11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*												
E6470	**13W LED**	●	●	●	●	⧈	1150	800	●	3000	80	0,81
E6471	**13W LED**	●	●	●	●	⧈	1450	950	●	4000	80	0,81
E6472	**19W LED**	●	●	●	●	⧈	2250	1500	●	3000	80	0,81
E6473	**19W LED**	●	●	●	●	⧈	2350	1600	●	4000	80	0,81

38°



LED — **Driver LED incluso.** ***LED driver included.***

130mm — IP20 / IP44



orientabile senza vetro > *adjustable without glass*

11 ○ 21 ●

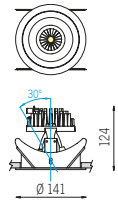
Code	WATT	SC	CEI	Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > narrow beam											
E6226	**8W LED**	●	●			730	580	●	3000	90	0,57
E6227	**8W LED**	●	●			900	720	●	4000	80	0,57
fascio medio > medium beam											
E6228	**8W LED**	●	●			730	480	●	3000	90	0,57
E6229	**8W LED**	●	●			900	610	●	4000	80	0,57

16° 36°

LED SC 700mA

130mm

IP20 IP23





senza vetro > *without glass*

11 ○ 21 ●

Code	WATT	SC	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > medium beam										
E6370	**13W LED**	●	(*)		1150	760	●	3000	90	0,95
E6371	**13W LED**	●	(*)		1250	810	●	4000	90	0,95

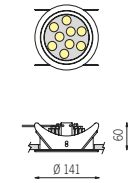
30°

LED 500mA

130mm

IP20 IP43

(*) a richiesta versione con cablagigo emergenza - autonomia 1 ora o 3 ore.
(*) Available on request: emergency wiring version - 1 or 3 hours autonomy





orientabile senza vetro > *adjustable without glass*

11 ○ 21 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg
fascio concentrante > narrow beam									
E6032	1x GU10	●					2800	100	0,93

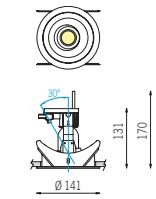
GU10 **7W LED 36° 230Vac**

GU10 **50W HAG 25° 230Volt**

Non necessitano di driver LED.
Driver LED not needed.

130mm

IP20 IP23





con vetro > *with glass*

11 ○ 21 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio medio > medium beam									
G6012	1x **20W MT** G8,5	●		1700		●	3000	90	0,80
G6013	1x **35W MT** G8,5	●		3400		●	4200	90	0,80
G6014	1x **70W MT** G8,5	●		6800		●	4200	90	0,80

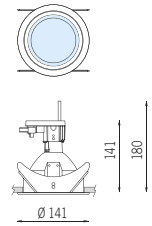
39°

G8,5 **20W MT**
G8,5 **35W MT**
G8,5 **70W MT**

Alimentatore da ordinare separatamente, vedi pag. 160.
Control gear to be ordered separately, see page 160.

130mm

IP20 IP44





orientabile senza vetro > *adjustable without glass*

11 ○ 21 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio concentrante > narrow beam									
E6036	1x **35W MR** GX10	●				●	3000	80	0,93

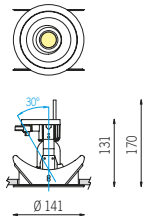
24°

GX10 **35W MR**

Alimentatore da ordinare separatamente, vedi pag. 160.
Control gear to be ordered separately, see page 160.

130mm

IP20 IP23





senza vetro > *without glass*

11 ○ 21 ●

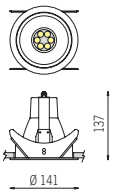
Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio diffondente > *wide beam*										
F6010	1x **18W FSM** GX24 q-2	●		▣	1200		●	4000	80	0,80

GX24 q-2 **18W FSM**

Gruppo alimentazione incluso.
Control gear included.

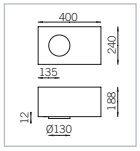
130mm

IP20
IP23



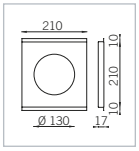
accessori > *accessories*

11 ○ 21 ●



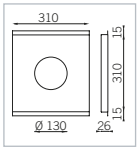
Code		Kg
F2962	●	1,14

Scatola da incasso per soffitti in calcestruzzo.
Flush-mounted box for concrete ceilings.



Code		Kg
E6992-11	●	0,38
E6992-21	●	0,38

Supporto per doghe a soffitto passo 100 e 200mm.
Support for ceiling strips 100 and 200mm.



Code		Kg
E6994-11	●	0,78
E6994-21	●	0,78

Supporto per doghe a soffitto passo 100, 150 e 300mm.
Support for ceiling strips 100, 150 and 300mm.

Disponibili a richiesta altre tipologie di supporti.
Available on request different types of supports.





QUANTUM130

Apparecchio
Cornice in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro temperato resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Fissaggio con molle a filo in acciaio con copertura in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium trim.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Thermal-shock resistant tempered safety glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
Steel springs with engineering plastic covers.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 159-160.
Accessories, see page 159-160.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

SC
Driver LED da ordinare separatamente, vedi pag. 159-160.
LED driver to be ordered separately, see page 159-160.

CEI
Driver LED incluso.
LED driver included.

senza vetro > *without glass*

11 ○ 21 ●



Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
E6440	**13W LED**	●	●	●	●	⧈	1150	900	●	3000	80	0,82
E6441	**13W LED**	●	●	●	●	⧈	1450	1150	●	4000	80	0,82
E6442	**19W LED**	●	●	●	●	⧈	2250	1700	●	3000	80	0,82
E6443	**19W LED**	●	●	●	●	⧈	2350	1800	●	4000	80	0,82

60°

LED **Driver LED incluso.** ***LED driver included.***

130mm IP20 IP23



senza vetro > *without glass*

11 ○ 21 ●



Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
wallwasher												
E6445	**13W LED**	●	●	●	●	⧈	1150	800	●	3000	80	0,81
E6446	**13W LED**	●	●	●	●	⧈	1450	1000	●	4000	80	0,81
E6447	**19W LED**	●	●	●	●	⧈	2250	1500	●	3000	80	0,81
E6448	**19W LED**	●	●	●	●	⧈	2350	1600	●	4000	80	0,81

Imax = 14°

LED **Driver LED incluso.** ***LED driver included.***

130mm IP20 IP23



con vetro > *with glass*

11 ○ 21 ●



Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
E6450	**13W LED**	●	●	●	●	⧈	1150	750	●	3000	80	0,93
E6451	**13W LED**	●	●	●	●	⧈	1450	900	●	4000	80	0,93
E6452	**19W LED**	●	●	●	●	⧈	2250	1450	●	3000	80	0,93
E6453	**19W LED**	●	●	●	●	⧈	2350	1500	●	4000	80	0,93

86°

LED **Driver LED incluso.** ***LED driver included.***

130mm IP20 IP43



con vetro e ottica GC > *with glass and GC optic*

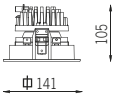
11 ○ 21 ●



Ottica GC in tecnopolimero nero.
Blake engineering plastic GC optic.

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
86°												
E6430	**13W LED**	●	●	●	●		1150	●	●	3000	80	0,82
E6431	**13W LED**	●	●	●	●		1450	●	●	4000	80	0,82
E6432	**19W LED**	●	●	●	●		2250	●	●	3000	80	0,82
E6433	**19W LED**	●	●	●	●		2350	●	●	4000	80	0,82







Ottica GC in tecnopolimero cromato.
Metalized engineering plastic GC optic.

fascio diffondente > *wide beam*												
86°												
E6435	**13W LED**	●	●	●	●		1150	●	●	3000	80	0,82
E6436	**13W LED**	●	●	●	●		1450	●	●	4000	80	0,82
E6437	**19W LED**	●	●	●	●		2250	●	●	3000	80	0,82
E6438	**19W LED**	●	●	●	●		2350	●	●	4000	80	0,82

LED

Driver LED incluso.
LED driver included.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

130mm

IP20
IP54

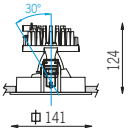
orientabile senza vetro > *adjustable without glass*

11 ○ 21 ●



Code	WATT	SC	CEI		Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*												
16°												
E6250	**8W LED**	●	●				730	580	●	3000	90	0,62
E6251	**8W LED**	●	●				900	720	●	4000	80	0,62
fascio medio > *medium beam*												
38°												
E6258	**8W LED**	●	●				730	480	●	3000	90	0,62
E6259	**8W LED**	●	●				900	610	●	4000	80	0,62





LED SC 700mA

130mm

IP20
IP23

senza vetro > *without glass*

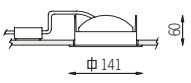
11 ○ 21 ●



(*) a richiesta versione con cablagigo emergenza - autonomia 1 ora o 3 ore.
(*) Available on request: emergency wiring version - 1 or 3 hours autonomy

Code	WATT	SC	CEI		Class SC	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*												
30°												
E6375	**13W LED**	●		(*)			1150	760	●	3000	90	0,95
E6376	**13W LED**	●		(*)			1250	810	●	4000	90	0,95





LED 500mA

130mm

IP20
IP43

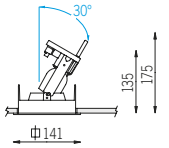
orientabile senza vetro > *adjustable without glass*

11 ○ 21 ●



Code	WATT	SC	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg
fascio medio > *medium beam*											
E6042	1x GU10	●						●		100	0,93





GU10 **7W LED 230Vac**

GU10 **50W HAG 230Volt**

Non necessitano di driver LED.
Driver LED not needed.

130mm

IP20
IP23

con vetro > *with glass*

11 ○ 21 ●



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio medio > *medium beam*									
G6022	1x **20W MT** G8,5	●	⏚	1700		●	3000	90	0,80
G6023	1x **35W MT** G8,5	●	⏚	3400		●	4200	90	0,80
G6024	1x **70W MT** G8,5	●	⏚	6800		●	4200	90	0,80

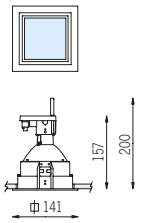
39°

G8,5 **20W MT**
G8,5 **35W MT**
G8,5 **70W MT**

Alimentatore da ordinare separatamente, vedi pag. 160.
Control gear to be ordered separately, see page 160.

130mm

IP20
IP43



orientabile senza vetro > *adjustable without glass*

11 ○ 21 ●



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio medio > *medium beam*									
E6046	1x **35W MR** GX10	●	⏚			●	3000	80	0,93

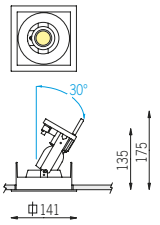
24°

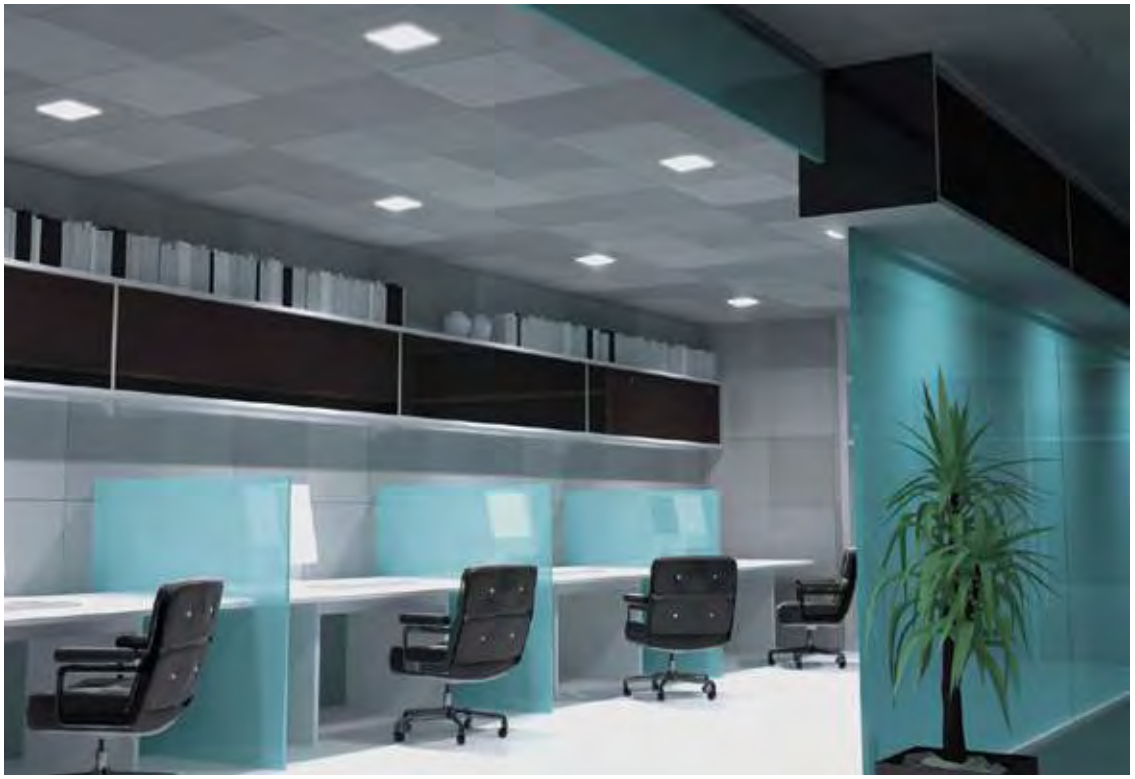
GX10 **35W MR**

Alimentatore da ordinare separatamente, vedi pag. 160.
Control gear to be ordered separately, see page 160.

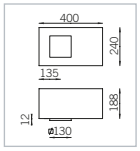
130mm

IP20
IP23



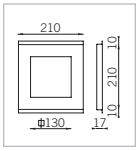


accessori > *accessories*



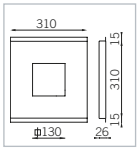
Code		Kg
F2963	●	1,14

Scatola da incasso per soffitti in calcestruzzo.
Flush-mounted box for concrete ceilings.



Code		Kg
E6993-11	●	0,38
E6993-21	●	0,38

Supporto per doghe a soffitto passo 100 e 200mm.
Support for ceiling strips 100 and 200mm.



Code		Kg
E6995-11	●	0,78
E6995-21	●	0,78

Supporto per doghe a soffitto passo 100, 150 e 300mm.
Support for ceiling strips 100, 150 and 300mm.

driver LED a corrente costante: 500mA e 700mA > *constant current LED driver: 500mA and 700mA*

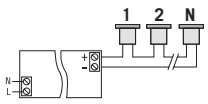
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																			
TANTUM 130			**E6370**	**E6371**																		
QUANTUM 130			**E6375**	**E6376**																		
DRIVER IP20																						
H7957 CEI	500	20	1	1																		
H7954 CEI	500	35	2	2																		
H7952 DALI	500	24	**1**	**1**																		
H7954 DALI	500	35	2	2																		
H7952 DIMM	500	22	1	1																		
H7954 DIMM	500	35	2	2																		

Code	mA	WATT																				
TANTUM 130			**E6226**	**E6227**	**E6228**	**E6229**																
QUANTUM 130			**E6250**	**E6251**	**E6258**	**E6259**																
DRIVER IP20																						
H7958 CEI	700	16	1	1	1	1																
H7954 CEI	700	50	5	5	5	5																
H7952 DALI	700	32	3	3	3	3																
H7954 DALI	700	50	5	5	5	5																
H7952 DIMM	700	25	2	2	2	2																
H7954 DIMM	700	50	5	5	5	5																

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



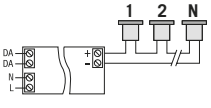
Code	mA	WATT	CEI	Kg
DRIVER IP20				
H7957 CEI	500	20	●	0,11
H7958 CEI	700	16	●	0,11
H7954 CEI	500-700	35-50	●	0,15





Code	mA	WATT	DALI	Kg
DRIVER IP20				
H7952 DALI	500-700	24-32	●	0,13
H7954 DALI	500-700	35-50	●	0,15

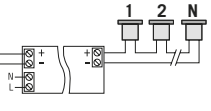
Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.





Code	mA	WATT	DIMM	Kg
DRIVER IP20				
H7952 DIMM	500-700	22-25	●	0,11
H7954 DIMM	500-700	35-50	●	0,15

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



driver LED con emergenza a corrente costante: 500mA e 700mA > *constant current LED emergency driver: 500mA and 700mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																			
TANTUM 130			**E6370**	**E6371**																		
QUANTUM 130			**E6375**	**E6376**																		
DRIVER IP20																						
H7921 CEI-EM	500	20	1	1																		
H7921 DALI-EM	500	24	1	1																		
H7921 DIMM-EM	500	24	1	1																		

TANTUM 130			**E6226**	**E6227**	**E6228**	**E6229**																
QUANTUM 130			**E6250**	**E6251**	**E6258**	**E6259**																
DRIVER IP20																						
H7932 CEI-EM	700	50	1	1	1	1																
H7932 DALI-EM	700	50	1	1	1	1																
H7932 DIMM-EM	700	50	1	1	1	1																

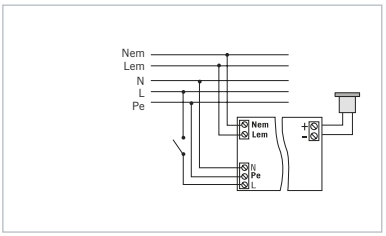
Driver LED con emergenza da usare con apparecchi SC > *LED drivers with emergency equipment to be used with SC fittings*

A richiesta driver LED con gruppo emergenza autonomia 3 ore > *Available on request LED driver with 3 hours autonomy emergency option*

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

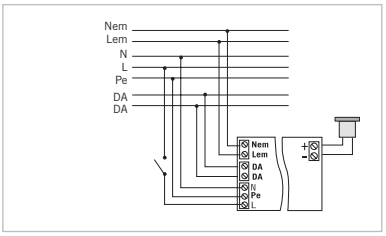


Code	mA	WATT	CEI-EM				Kg
DRIVER IP20							
H7921 CEI-EM	500	20	●				0,70
H7932 CEI-EM	700	50	●				0,70



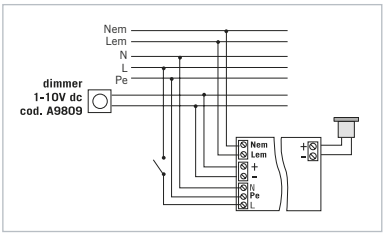
Code	mA	WATT	DALI-EM				Kg
DRIVER IP20							
H7921 DALI-EM	500	24	●				0,70
H7932 DALI-EM	700	50	●				0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



Code	mA	WATT	DIMM-EM				Kg
DRIVER IP20							
H7921 DIMM-EM	500	24	●				0,70
H7932 DIMM-EM	700	50	●				0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



alimentatore elettronico per lampade HID > *electronic control gear for HID lamps*



Code		WATT	CEI				Kg
G2900 CEI		1x 20	●				0,20
G2910 CEI		1x 35	●				0,21

Adatto per apparecchi codice:
Suitable for articles code:
E6036 - E6046 - G6012 - G6013 - G6022 - G6023



Code		WATT	CEI				Kg
G2901 CEI		1x 35	●				0,38
G2911 CEI		2x 35	●				0,65
G2902 CEI		1x 70	●				0,38
G2912 CEI		2x 70	●				0,70

Adatto per apparecchi codice:
Suitable for articles code:
E6036 - E6042 - G6013 - G6014 - G6023 - G6024



TANTUM170

Apparecchio
Corpo in alluminio pressofuso.
Cornice in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro temperato resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 120lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Fissaggio tramite staffe in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Die-cast aluminium trim.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Thermal-shock resistant tempered safety glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 120lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Engineering plastic brackets.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 162.
Accessories, see page 162

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

senza schermo > *without screen*

11 ○ 21 ●



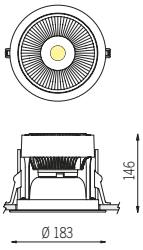
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*												
37°												
E6500	**19W LED**	●	●	●	●	▣	2000	1500	●	3000	80	1,70
E6501	**19W LED**	●	●	●	●	▣	2000	1500	●	4000	80	1,70
E6502	**26W LED**	●	●	●	●	▣	3000	2250	●	3000	80	1,70
E6503	**26W LED**	●	●	●	●	▣	3000	2250	●	4000	80	1,70
fascio diffondente > *wide beam*												
87°												
E6505	**19W LED**	●	●	●	●	▣	2000	1450	●	3000	80	1,70
E6506	**19W LED**	●	●	●	●	▣	2000	1450	●	4000	80	1,70
E6507	**26W LED**	●	●	●	●	▣	3000	2170	●	3000	80	1,70
E6508	**26W LED**	●	●	●	●	▣	3000	2170	●	4000	80	1,70

LED

Driver LED incluso.
LED driver included.

min Ø165mm
max Ø170mm

IP20
IP23



con schermo > *with screen*

11 ○ 21 ●



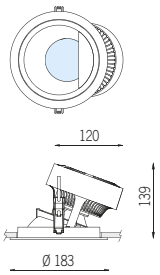
Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
wallwasher												
Imax = 20°												
E6510	**19W LED**	●	●	●	●	▣	2000	1300	●	3000	80	1,80
E6511	**19W LED**	●	●	●	●	▣	2000	1300	●	4000	80	1,80
E6512	**26W LED**	●	●	●	●	▣	3000	1950	●	3000	80	1,80
E6513	**26W LED**	●	●	●	●	▣	3000	1950	●	4000	80	1,80

LED

Driver LED incluso.
LED driver included.

min Ø165mm
max Ø170mm

IP20
IP23





Kit emergenza *Emergency kit*	
CEI-EM	+ ●
DALI-EM	+ ●

Per versione emergenza aggiungere al codice il prezzo sopra indicato.
For emergency version add to the code the emergency kit price indicated above.

con vetro > *with glass*

11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
E6515	**19W LED**	●	●	●	●	⧈	2000	1250	●	3000	80	1,80
E6516	**19W LED**	●	●	●	●	⧈	2000	1250	●	4000	80	1,80
E6517	**26W LED**	●	●	●	●	⧈	3000	1850	●	3000	80	1,80
E6518	**26W LED**	●	●	●	●	⧈	3000	1850	●	4000	80	1,80

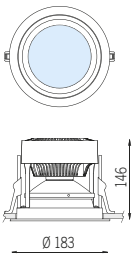
76°

LED

Driver LED incluso.
LED driver included.

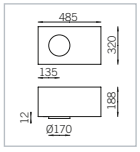
min Ø165mm
max Ø170mm

IP20
IP44



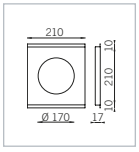


accessori > *accessories*



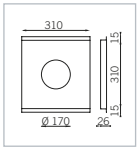
Code		Kg
F2966	on request	1,14

Scatola da incasso per soffitti in calcestruzzo.
Flush-mounted box for concrete ceilings.



Code		Kg
E6998-11	on request	0,40
E6998-21	on request	0,40

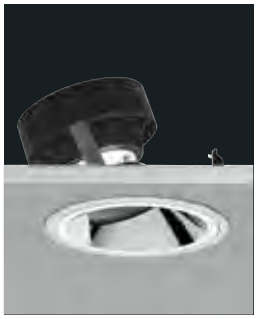
Supporto per doghe a soffitto passo 100 e 200mm.
Support for ceiling strips 100 and 200mm.



Code		Kg
E6999-11	on request	0,80
E6999-21	on request	0,80

Supporto per doghe a soffitto passo 100, 150 e 300mm.
Support for ceiling strips 100, 150 and 300mm.

Disponibili a richiesta altre tipologie di supporti.
Available on request different types of supports.



TANTUM210

Apparecchio
Corpo in alluminio pressofuso.
Cornice in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro temperato resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 120lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Fissaggio tramite staffe in tecnopolimero o acciaio zincato o molle a filo in acciaio con copertura in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Die-cast aluminium trim.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Thermal-shock resistant tempered safety glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 120lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
Engineering plastic or galvanized steel brackets or steel springs with plastic covers.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 165-167.
Accessories, see page 165-167.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

CEI, CEI-EM, DALI, DALI-EM
Driver LED incluso.
LED driver included.
Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



senza vetro > *without glass*

11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*												
E6340	26W LED	●	●	●	●	⧈	3000	2250	●	3000	80	2,20
E6341	26W LED	●	●	●	●	⧈	3000	2250	●	4000	80	2,20
E6344	44W LED	●	●	●	●	⧈	5000	3700	●	3000	80	2,20
E6345	44W LED	●	●	●	●	⧈	5000	3700	●	4000	80	2,20
fascio diffondente > *wide beam*												
E6350	26W LED	●	●	●	●	⧈	3000	2300	●	3000	80	2,20
E6351	26W LED	●	●	●	●	⧈	3000	2300	●	4000	80	2,20
E6354	44W LED	●	●	●	●	⧈	5000	3800	●	3000	80	2,20
E6355	44W LED	●	●	●	●	⧈	5000	3800	●	4000	80	2,20

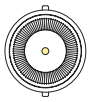
40° 73°

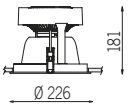
LED

Driver LED incluso.
LED driver included.

215mm

IP20
IP23





con vetro > *with glass*

11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
wallwasher												
E6360	26W LED	●	●	●	●	⧈	3000	1600	●	3000	80	2,30
E6361	26W LED	●	●	●	●	⧈	3000	1600	●	4000	80	2,30
E6364	44W LED	●	●	●	●	⧈	5000	2650	●	3000	80	2,30
E6365	44W LED	●	●	●	●	⧈	5000	2650	●	4000	80	2,30

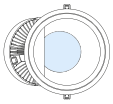
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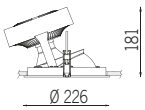
LED

Driver LED incluso.
LED driver included.

215mm

IP20
IP23







con vetro > *with glass*

11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
E6300	**26W LED**	●	●	●	●	⧈	3000	1800	●	3000	80	2,30
E6301	**26W LED**	●	●	●	●	⧈	3000	1800	●	4000	80	2,30
E6304	**44W LED**	●	●	●	●	⧈	5000	3000	●	3000	80	2,30
E6305	**44W LED**	●	●	●	●	⧈	5000	3000	●	4000	80	2,30

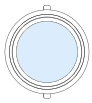
77°

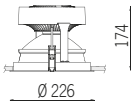
LED

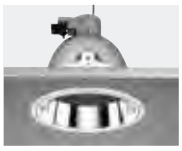
Driver LED incluso.
LED driver included.

215mm

IP20
IP44







con vetro > *with glass*

11 ○ 21 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio medio > *medium beam*									
G6202	1x **70W MT** G12	●	⏚	6800		●	4200	90	0,98
G6203	1x **150W MT** G12	●	⏚	14700		●	4200	90	0,98
fascio diffondente > *wide beam*									
G6207	1x **70W MT** G12	●	⏚	6800		●	4200	90	0,98
G6208	1x **150W MT** G12	●	⏚	14700		●	4200	90	0,98

34°

85°

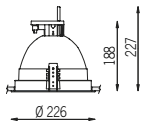
G12 **70W MT**
G12 **150W MT**

Alimentatore da ordinare separatamente, vedi pag. 167.
Control gear to be ordered separately, see page 167.

215mm

IP20
IP44







con vetro e frangiluce > *with glass and louvre*

11 ○ 21 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio medio > *medium beam*									
G6222	1x **70W MT** G12	●	⏚	6800		●	4200	90	0,88
G6223	1x **150W MT** G12	●	⏚	14700		●	4200	90	0,88
fascio diffondente > *wide beam*									
G6228	1x **70W MT** G12	●	⏚	6800		●	4200	90	0,88
G6229	1x **150W MT** G12	●	⏚	14700		●	4200	90	0,88

37°

83°

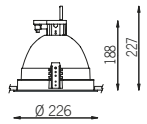
G12 **70W MT**
G12 **150W MT**

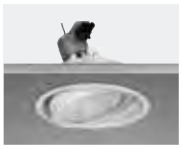
Alimentatore da ordinare separatamente, vedi pag. 167.
Control gear to be ordered separately, see page 167.

215mm

IP20
IP43







orientabile > *adjustable*

11 ○ 21 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio medio > *medium beam*									
G6232	1x **70W MT** G12	●	⏚	6800		●	4200	90	0,88
G6233	1x **150W MT** G12	●	⏚	14700		●	4200	90	0,88

28°

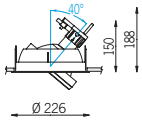
G12 **70W MT**
G12 **150W MT**

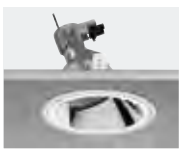
Alimentatore da ordinare separatamente, vedi pag. 167.
Control gear to be ordered separately, see page 167.

215mm

IP20







con vetro > *with glass*

11 ○ 21 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
wallwasher									
G6242	1x **70W MT** G12	●	⏚	6800		●	4200	90	1,30
G6243	1x **150W MT** G12	●	⏚	14700		●	4200	90	1,30

Imax=18

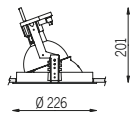
G12 **70W MT**
G12 **150W MT**

Alimentatore da ordinare separatamente, vedi pag. 167.
Control gear to be ordered separately, see page 167.

215mm

IP20
IP23





senza vetro > *without glass*

11 ○ 21 ●



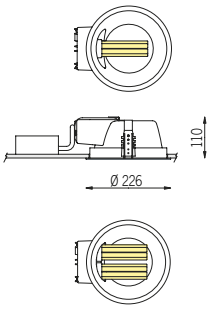
Code	WATT	CEI	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
monolampada > *single lamp*								
F6202	1x **26W FSQ** G24 q-3	●	⧈	1800	●	4000	80	1,02
F6203	1x **32W FSM** GX24 q-3	●	⧈	2400	●	4000	80	1,02
F6204	1x **42W FSM** GX24 q-4	●	⧈	3200	●	4000	80	1,03
bilampada > *two lamps*								
F6207	2x **26W FSQ** G24 q-3	●	⧈	2x 1800	●	4000	80	1,12
F6208	2x **32W FSM** GX24 q-3	●	⧈	2x 2400	●	4000	80	1,12
F6209	2x **42W FSM** GX24 q-4	●	⧈	2x 3200	●	4000	80	1,13

116° 104°

G24 q-3 **26W FSQ** — GX24 q-3 **32W FSM** / GX24 q-4 **42W FSM**

Gruppo alimentazione incluso.
Control gear included.

215mm — IP20 / IP23



con vetro > *with glass*

11 ○ 21 ●



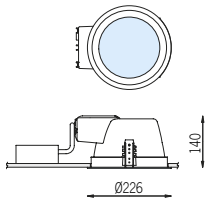
Code	WATT	CEI	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
monolampada > *single lamp*								
F6242	1x **26W FSQ** G24 q-3	●	⧈	1800	●	4000	80	1,22
F6243	1x **32W FSM** GX24 q-3	●	⧈	2400	●	4000	80	1,22
F6244	1x **42W FSM** GX24 q-4	●	⧈	3200	●	4000	80	1,23
bilampada > *two lamps*								
F6247	2x **26W FSQ** G24 q-3	●	⧈	2x 1800	●	4000	80	1,32
F6248	2x **32W FSM** GX24 q-3	●	⧈	2x 2400	●	4000	80	1,32
F6249	2x **42W FSM** GX24 q-4	●	⧈	2x 3200	●	4000	80	1,33

99° 91°

G24 q-3 **26W FSQ** — GX24 q-3 **32W FSM** / GX24 q-4 **42W FSM**

Gruppo alimentazione incluso.
Control gear included.

215mm — IP20 / IP44



con vetro e frangiluce > *with glass and louvre*

11 ○ 21 ●



***UGR<19**

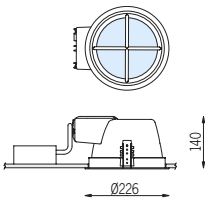
Code	WATT	CEI	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
monolampada > *single lamp*								
F6262*	1x **26W FSQ** G24 q-3	●	⧈	1800	●	4000	80	1,24
F6263*	1x **32W FSM** GX24 q-3	●	⧈	2400	●	4000	80	1,24
F6264	1x **42W FSM** GX24 q-4	●	⧈	3200	●	4000	80	1,25
bilampada > *two lamps*								
F6267*	2x **26W FSQ** G24 q-3	●	⧈	2x 1800	●	4000	80	1,34
F6268*	2x **32W FSM** GX24 q-3	●	⧈	2x 2400	●	4000	80	1,34
F6269	2x **42W FSM** GX24 q-4	●	⧈	2x 3200	●	4000	80	1,35

94° 82°

G24 q-3 **26W FSQ** — GX24 q-3 **32W FSM** / GX24 q-4 **42W FSM**

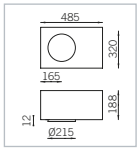
Gruppo alimentazione incluso.
Control gear included.

215mm — IP20 / IP43



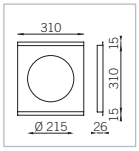
accessori > *accessories*

11 ○ 21 ●



Code		Kg
F2960	●	2,40

Scatola da incasso per soffitti in calcestruzzo.
Flush-mounted box for concrete ceilings.



Code			Kg
E6996-11	**on request**		0,78
E6996-21	**on request**		0,78

Supporto per doghe a soffitto passo 100, 150 e 300mm.
Support for ceiling strips 100, 150 and 300mm.

Disponibili a richiesta altre tipologie di supporti.
Available on request different types of supports.



QUANTUM210

Apparecchio
Corpo in alluminio pressofuso.
Cornice in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro temperato resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 100lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Fissaggio con molle a filo in acciaio con copertura in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Die-cast aluminium trim.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Thermal-shock resistant tempered safety glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 100lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
Steel springs with engineering plastic covers.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 167.
Accessories, see page 167.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



senza vetro > *without glass*

11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*												
E6551	**26W LED**	●	●	●	●	⧈	3000	●	●	3000	80	2,30
E6552	**26W LED**	●	●	●	●	⧈	3000	●	●	4000	80	2,30
E6555	**44W LED**	●	●	●	●	⧈	5000	●	●	3000	80	2,30
E6556	**44W LED**	●	●	●	●	⧈	5000	●	●	4000	80	2,30

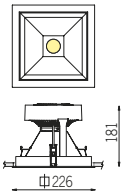
LED

Driver LED incluso.
LED driver included.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

215mm

IP20
IP23





senza vetro > *without glass*

11 ○ 21 ●

Code	WATT	CEI	DALI	CEI-EM	DALI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
wallwasher												
E6571	**26W LED**	●	●	●	●	⧈	3000	●	●	3000	80	2,40
E6572	**26W LED**	●	●	●	●	⧈	3000	●	●	4000	80	2,40
E6575	**44W LED**	●	●	●	●	⧈	5000	●	●	3000	80	2,40
E6576	**44W LED**	●	●	●	●	⧈	5000	●	●	4000	80	2,40

Imax = 38°

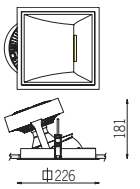
LED

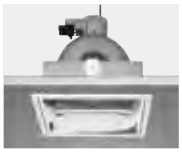
Driver LED incluso.
LED driver included.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

215mm

IP20
IP23





con vetro > *with glass*

11 ○ 21 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio medio > *medium beam*									
G6212	1x **70W MT** G12	●	⏚	6800	●	●	4200	90	0,98
G6213	1x **150W MT** G12	●	⏚	14700	●	●	4200	90	0,98

37°

fascio diffondente > *wide beam*

G6217	1x **70W MT** G12	●	⏚	6800	●	●	4200	90	0,98
G6218	1x **150W MT** G12	●	⏚	14700	●	●	4200	90	0,98

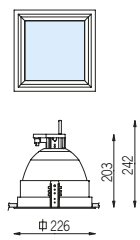
85°

G12 **70W MT**
G12 **150W MT**

Alimentatore da ordinare separatamente, vedi pag. 167.
Control gear to be ordered separately, see page 167.

215mm

IP20
IP43



wallwasher

11 ○ 21 ●

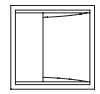


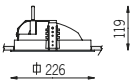
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
wallwasher									
G6247	1x **70W MD** RX7s	●		6500		●	4200	80	0,89
G6248	1x **150W MD** RX7s	●		12500		●	4200	80	0,89

RX7s **70W MD**
RX7s **150W MD**

Alimentatore da ordinare separatamente, vedi pag. 167.
Control gear to be ordered separately, see page 167.

215mm  IP20 IP43





con vetro > *with glass*

11 ○ 21 ●



Code	WATT	CEI	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
monolampada > *single lamp*								
F6252	1x **26W FSQ** G24 q-3	●	▣	1800	●	4000	80	1,22
F6253	1x **32W FSM** GX24 q-3	●	▣	2400	●	4000	80	1,22
F6254	1x **42W FSM** GX24 q-4	●	▣	3200	●	4000	80	1,23
bilampada > *two lamps*								
F6257	2x **26W FSQ** G24 q-3	●	▣	2x 1800	●	4000	80	1,32
F6258	2x **32W FSM** GX24 q-3	●	▣	2x 2400	●	4000	80	1,32
F6259	2x **42W FSM** GX24 q-4	●	▣	2x 3200	●	4000	80	1,33

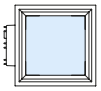
G24 q-3 **26W FSQ**

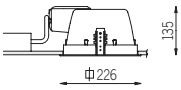


GX24 q-3 **32W FSM**
GX24 q-4 **42W FSM**

Gruppo alimentazione incluso.
Control gear included.

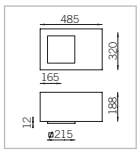
215mm  IP20 IP43





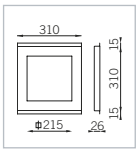
accessori > *accessories*

11 ○ 21 ●



Code		Kg
F2961	**on request**	2,40

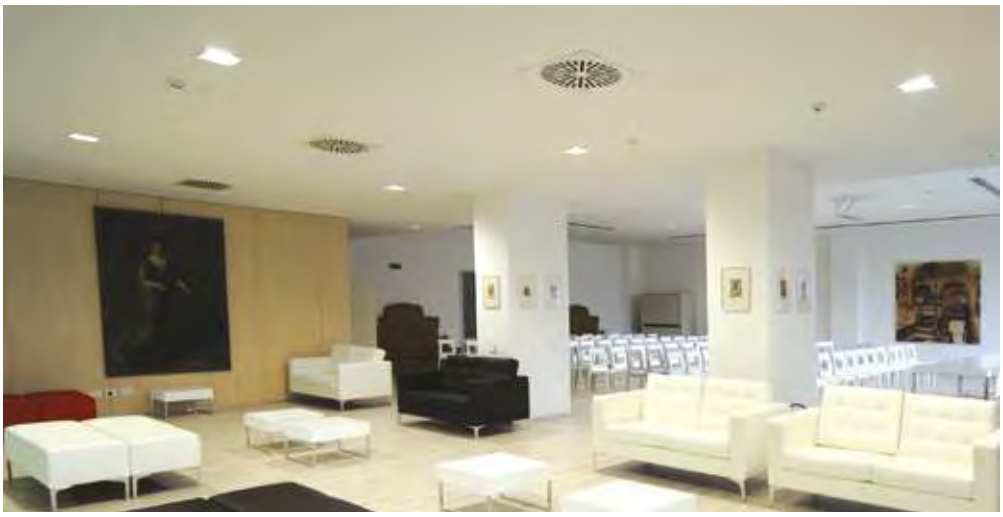
Scatola da incasso per soffitti in calcestruzzo.
Flush-mounted box for concrete ceilings.



Code		Kg
E6997-11	**on request**	0,78
E6997-21	**on request**	0,78

Supporto per doghe a soffitto passo 100, 150 e 300mm.
Support for ceiling strips 100, 150 and 300mm.

Disponibili a richiesta altre tipologie di supporti.
Available on request different types of supports.



alimentatore elettronico per lampade HID > *electronic control gear for HID lamps*



Code		WATT	CEI				Kg
G2902	CEI	1x 70	●				0,38
G2903	CEI	1x 150	●				0,54
G2912	CEI	2x 70	●				0,70

Adatto per apparecchi codice:
Suitable for articles code:

TANTUM210
G6202 ÷ G6208
G6222 ÷ G6229
G6232 ÷ G6233
G6242 ÷ G6243

QUANTUM210
G6212 - G6218
G6247 - G6248

alimentatore magnetico per lampade HID > *magnetic control gear for HID lamps*

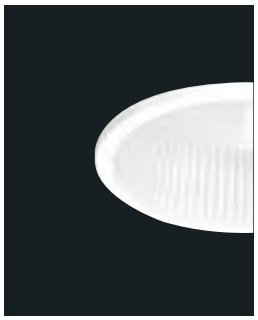


Code		WATT	CR				Kg
G2902	CR	1x 70	●				2,20
G2903	CR	1x 150	●				2,60

Adatto per apparecchi codice:
Suitable for articles code:

TANTUM210
G6201 ÷ G6208
G6221 ÷ G6229
G6231 ÷ G6233
G6242 ÷ G6243

QUANTUM210
G6212 - G6218
G6247 - G6248



SIRIOLED 130-180-200

Apparecchio
Corpo in alluminio satinato.
Riflettore bianco sfaccettato.
Schermo in PMMA trasparente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
Lunga vita utile del LED: >25000h con L70.
Installazione
Installazione ad incasso.
Fissaggio con molle a filo in acciaio.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Brushed aluminium body.
Faceted white reflector.
Clear PMMA screen.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
LED life time: >25000h with L70.
Installation
Recessed installation.
Steel springs.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

SIRIOLED 130

11



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*									
E2520	**13W LED**			1000	920		3000	80	0,31
E2521	**13W LED**			1000	920		4000	80	0,31

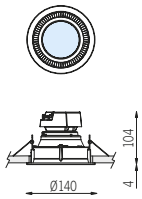
80°

LED

Driver LED incluso.
LED driver included.

130mm

IP20
IP43



SIRIOLED 180

11



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*									
E2524	**26W LED**			2000	1850		3000	80	0,35
E2525	**26W LED**			2000	1850		4000	80	0,35

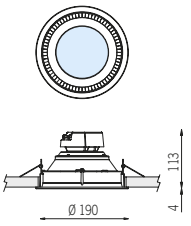
80°

LED

Driver LED incluso.
LED driver included.

180mm

IP20
IP43



SIRIOLED 200

11



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*									
E2530	**26W LED**			2000	1850		3000	80	0,40
E2531	**26W LED**			2000	1850		4000	80	0,40

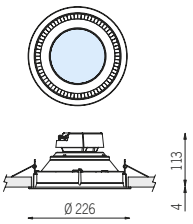
89°

LED

Driver LED incluso.
LED driver included.

200-215mm

IP20
IP43





SIRIO200

Apparecchio
Corpo in policarbonato.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Base portalampada in acciaio zincato per una maggiore dissipazione termica.
Riflettori in policarbonato metallizzato ad alto vuoto.
Schermo in policarbonato trasparente stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Fissaggio con molle in acciaio.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Polycarbonate body.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Galvanized steel tray for lamp-holder to optimize heat dissiaption.
Reflector made of engineering plastic metalized in high-vacuum.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing clear polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Available with conventional lamps.

Installation
Recessed installation.
Steel spring clips.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 170.
Accessories, see page 170.



con schermo a filo
with screen flush with ceiling



con vetro decorativo
with decorative glass



senza schermo o vetro
without screen or glass



con schermo a filo > *with screen flush with ceiling*

11



Gruppo alimentazione incluso.
Control gear included.

Code	WATT	CEI	DALI	CEI-EM	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
monolampada > *single lamp*										
F2500	1x **18W FSQ** G24 q-2	●	●		▣	1200	●	4000	80	0,73
F2501	1x **26W FSQ** G24 q-3	●	●		▣	1800	●	4000	80	0,73
bilampada > *two lamps*										
F2502	2x **18W FSQ** G24 q-2	●	●		▣	2x 1200	●	4000	80	0,80
F2503	2x **26W FSQ** G24 q-3	●	●	●	▣	2x 1800	●	4000	80	0,80

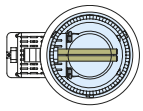
100°

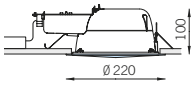
G24 q-2 **18W FSQ**
G24 q-3 **26W FSQ**

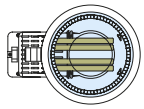
200mm

IP20
IP44

850°C V0







con vetro decorativo > *with decorative glass*

11



Gruppo alimentazione incluso.
Control gear included.

Code	WATT	CEI	DALI	CEI-EM	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
monolampada > *single lamp*										
F2505	1x **18W FSQ** G24 q-2	●	**127,00** ●		▣	1200	●	4000	80	1,20
F2506	1x **26W FSQ** G24 q-3	●	●		▣	1800	●	4000	80	1,20
bilampada > *two lamps*										
F2507	2x **18W FSQ** G24 q-2	●	●		▣	2x 1200	●	4000	80	1,27
F2508	2x **26W FSQ** G24 q-3	●	●	●	▣	2x 1800	●	4000	80	1,27

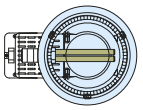
100°

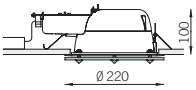
G24 q-2 **18W FSQ**
G24 q-3 **26W FSQ**

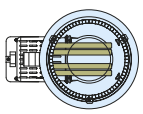
200mm

IP20
IP23

850°C V0







senza schermo o vetro > *without screen or glass*

11



Gruppo alimentazione incluso.
Control gear included.

Non adatto all'utilizzo di accessori codice:
Not suitable for accessories code:
F2950 - F2951 - F2952

Code	WATT	CEI	DALI	CEI-EM	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
monolampada > *single lamp*										
F2515	1x **18W FSQ** G24 q-2	●	●		⧈	1200	●	4000	80	0,73
F2516	1x **26W FSQ** G24 q-3	●	●		⧈	1800	●	4000	80	0,73
bilampada > *two lamps*										
F2517	2x **18W FSQ** G24 q-2	●	●		⧈	2x 1200	●	4000	80	0,80
F2518	2x **26W FSQ** G24 q-3	●	●	●	⧈	2x 1800	●	4000	80	0,80

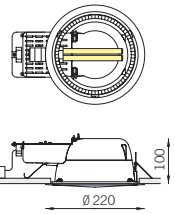
110°

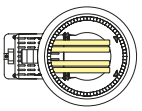
G24 q-2 **18W FSQ**
G24 q-3 **26W FSQ**

200mm

IP20
IP23

850°C V0



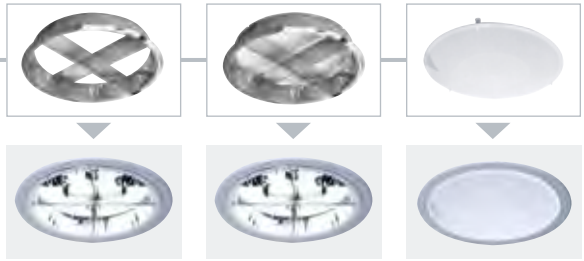






senza schermo o vetro
without screen or glass
F2550 ÷ F2553

accessori > *accessories*



senza schermo o vetro • adatto per accessori > *without screen or glass • suitable for accessories*

11



Gruppo alimentazione incluso.
Control gear included.

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
monolampada > *single lamp*									
F2550	1x **18W FSQ** G24 q-2	●	●	⧈	1200	●	4000	80	0,73
F2551	1x **26W FSQ** G24 q-3	●	●	⧈	1800	●	4000	80	0,73
bilampada > *two lamps*									
F2552	2x **18W FSQ** G24 q-2	●	●	⧈	2x 1200	●	4000	80	0,80
F2553	2x **26W FSQ** G24 q-3	●	●	⧈	2x 1800	●	4000	80	0,80

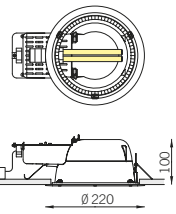
110°

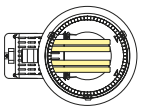
G24 q-2 **18W FSQ**
G24 q-3 **26W FSQ**

200mm

IP20
IP23

850°C V0





accessori > *accessories*

Adatto per apparecchi codice:
Suitable for articles code:
F2550 - F2551
F2552 - F2553



Code		Kg
F2950	●	0,07

Frangiluce.
Louvre.



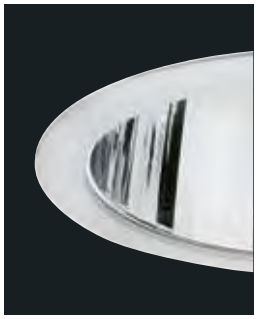
Code		Kg
F2951	●	0,12

Frangiluce con schermo.
Louvre with screen.



Code		Kg
F2952	●	0,05

Schermo opalino.
Opalescent diffusor.



SIRIO220

Apparecchio
Corpo in policarbonato.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Base portalampada in acciaio zincato per una maggiore dissipazione termica.
Riflettori in policarbonato metallizzato ad alto vuoto.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
Disponibili versioni con lampade tradizionali.
Installazione
Installazione ad incasso.
Fissaggio con molle in acciaio.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Polycarbonate body.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Galvanized steel tray for lamp-holder to optimize heat dissiaption.
Reflector made of engineering plastic metalized in high-vacuum.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
Available with conventional lamps.
Installation
Recessed installation.
Steel spring clips.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".



DARK LIGHT 60° - UGR<19



Ottica adatta ad ambienti con video terminali e per compiti visivi critici, luminanza controllata <200 cd/m2 e UGR<19.
Optics suitable for computer and VDT rooms or any other environment where high illumination level is required, controlled luminance <200cd/m2 and UGR<19.



Gruppo alimentazione incluso.
Control gear included.

DARK LIGHT 60° - UGR<19

11

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
monolampada > *single lamp*									
F2510	1x **18W FSQ** G24 q-2	●	●	▣	1200	●	4000	80	0,80
F2511	1x **26W FSQ** G24 q-3	●	●	▣	1800	●	4000	80	0,80
bilampada > *two lamps*									
F2512	2x **18W FSQ** G24 q-2	●	●	▣	2x 1200	●	4000	80	0,87
F2513	2x **26W FSQ** G24 q-3	●	●	▣	2x 1800	●	4000	80	0,87

72°

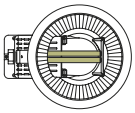
72°

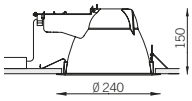
G24 q-2 **18W FSQ**
G24 q-3 **26W FSQ**

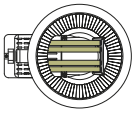
220mm

IP20
IP23

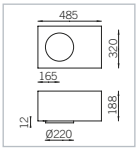
850°C V0





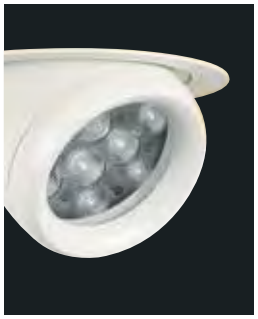


accessori > *accessories*



Code		Kg
F2954	**on request**	2,40

Scatola da incasso per soffitti in calcestruzzo.
Flush-mounted box for concrete ceilings.



JUNO200

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Lenti LED in PMMA.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro temperato resistente agli shock termici.
Orientabile fino a 50°.
Rotazione consentita 355°.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 100lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Fissaggio con molle a filo in acciaio con copertura in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
PMMA lenses for LEDs.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Thermal-shock resistant tempered safety glass.
Adjustable up to 50°.
Rotation up to 355°.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 100lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
Steel springs with engineering plastic covers.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 173-174.
Accessories, see page 173-174.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



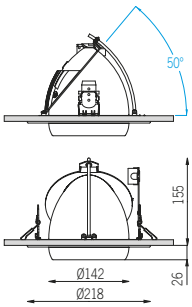
SC: Driver LED da ordinare separatamente, vedi pag. 130-131.
SC: LED driver to be ordered separately, see page 130-131.

orientabile > *adjustable* — 11 ○ 21 ●

Code	WATT	SC	CEI	Class SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*												
10°	**G2834**	**13W LED**	●			1150	810	●	50	3000	90	1,60
	G2835	**13W LED**	●			1250	930	●	50	4000	90	1,60
fascio medio > *medium beam*												
24°	**E2480**	**22W LED**	●			2300		●	50	3000	80	1,80
	E2481	**22W LED**	●			2500		●	50	4000	80	1,80
fascio diffondente > *wide beam*												
45°	**E2482**	**22W LED**	●			2300		●	50	3000	80	1,80
	E2483	**22W LED**	●			2500		●	50	4000	80	1,80

LED 13W 500mA **LED 22W**

min Ø200mm max Ø210mm **IP20**



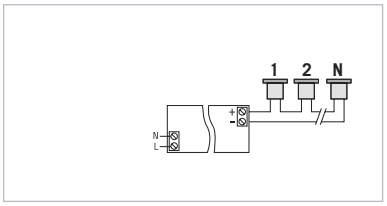
driver LED a corrente costante: 500mA > *constant current LED driver: 500mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Max imum number of fittings which can be connected.*	
			G2834	**G2835**
DRIVER IP20				
H7957 CEI	500	20	1	1
H7954 CEI	500	35	2	2
H7952 DALI	500	24	1	1
H7955 DALI	500	35	2	2
H7952 DIMM	500	22	1	1
H7954 DIMM	500	35	2	2

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



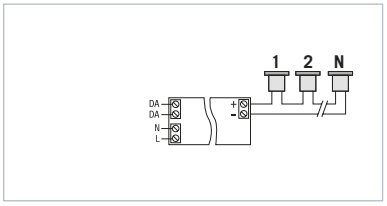
Code	mA	WATT	CEI	Kg
DRIVER IP20				
H7957 CEI	500	20	●	0,11
H7954 CEI	500	35	●	0,15





Code	mA	WATT	DALI	Kg
DRIVER IP20				
H7952 DALI	500	24	●	0,13
H7954 DALI	500	35	●	0,15

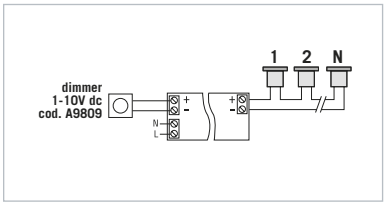
Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.





Code	mA	WATT	DIMM	Kg
DRIVER IP20				
H7952 DIMM	500	22	●	0,11
H7954 DIMM	500	35	●	0,11

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



driver LED con emergenza a corrente costante: 500mA > *constant current LED emergency driver: 500mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Max imum number of fittings which can be connected.*	
			G2834	G2835
DRIVER IP20				
H7921 CEI-EM	500	20	1	1
H7921 DALI-EM	500	24	1	1
H7921 DIMM-EM	500	24	1	1

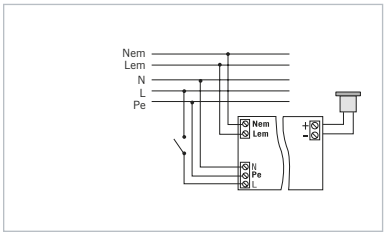
Driver LED con emergenza da usare con apparecchi SC > *LED drivers with emergency equipment to be used with SC fittings*

A richiesta driver LED con gruppo emergenza autonomia 3 ore > *Available on request LED driver with 3 hours autonomy emergency option*

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

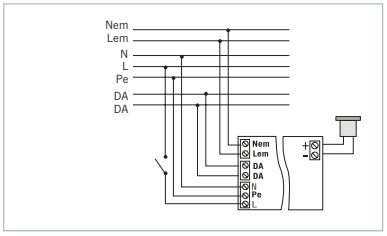


Code	mA	WATT	CEI-EM	Kg
DRIVER IP20				
H7921 CEI-EM	500	20	●	0,70



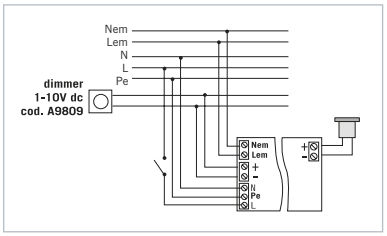
Code	mA	WATT	DALI-EM	Kg
DRIVER IP20				
H7921 DALI-EM	500	24	●	0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



Code	mA	WATT	DIMM-EM	Kg
DRIVER IP20				
H7921 DIMM-EM	500	24	●	0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.







HIGH SPOT-IN

Apparecchio
Corpo in lamiera di acciaio.
Cornice e traversini in alluminio estruso.
Anello in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
LED con efficienza nominale sino a 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.
Installazione
Installazione ad incasso.
Fissaggio tramite staffe in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Sheet steel body.
Extruded aluminium trim and crossbars.
Die-cast aluminium ring.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
Nominal LED efficacy up to 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.
Installation
Recessed installation.
Galvanized steel brackets.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 180-181.
Accessories, see page 180-181.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



La lampada viene sostituita attraverso un comodo sistema a molle, che non richiede strumenti da parte dell'operatore.
The lamp can be easily replaced through a spring system without using any kind of tools.

LED 32W

○ Versione anello tondo
With round rim
□ Versione piano quadro
With flat square rim

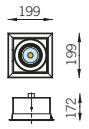
LED 1x

21



Riflettore in materiale termoplastico metallizzato.
Metalized thermoplastic reflector.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*										
16°										
E3400 ○	1x **13W LED**	●		1x 1000	1x 860	●	50	3000	90	1,25
E3401 ○	1x **13W LED**	●		1x 1300	1x 1100	●	50	4000	80	1,25
E3402 □	1x **13W LED**	●		1x 1000	1x 860	●	50	3000	90	1,36
E3403 □	1x **13W LED**	●		1x 1300	1x 1100	●	50	4000	80	1,36
fascio medio > *medium beam*										
38°										
E3404 ○	1x **13W LED**	●		1x 1000	1x 860	●	50	3000	90	1,25
E3405 ○	1x **13W LED**	●		1x 1300	1x 1100	●	50	4000	80	1,25
E3406 □	1x **13W LED**	●		1x 1000	1x 860	●	50	3000	90	1,36
E3407 □	1x **13W LED**	●		1x 1300	1x 1100	●	50	4000	80	1,36
fascio diffondente > *wide beam*										
74°										
E3408 ○	1x **13W LED**	●		1x 1000	1x 770	●	50	3000	90	1,25
E3409 ○	1x **13W LED**	●		1x 1300	1x 1000	●	50	4000	80	1,25
E3410 □	1x **13W LED**	●		1x 1000	1x 770	●	50	3000	90	1,36
E3411 □	1x **13W LED**	●		1x 1300	1x 1000	●	50	4000	80	1,36



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

190x190mm IP20 IP23 850°C

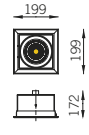
LED 1x

21



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente • ottica GC nera > *wide beam • black GC optic*										
67°										
E3412 ○	1x **13W LED**	●		1x 1000	1x 560	●	50	3000	90	1,25
E3413 ○	1x **13W LED**	●		1x 1300	1x 730	●	50	4000	80	1,25
E3414 □	1x **13W LED**	●		1x 1000	1x 560	●	50	3000	90	1,36
E3415 □	1x **13W LED**	●		1x 1300	1x 730	●	50	4000	80	1,36



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

190x190mm IP20 IP23 850°C

LED 2x

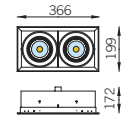
21



Riflettore in materiale termoplastico metallizzato.
Metalized thermoplastic reflector.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*										
E3416 ○	2x **13W LED**	●		2x 1000	2x 860	●	50	3000	90	2,00
E3417 ○	2x **13W LED**	●		2x 1300	2x 1100	●	50	4000	80	2,00
E3418 □	2x **13W LED**	●		2x 1000	2x 860	●	50	3000	90	2,20
E3419 □	2x **13W LED**	●		2x 1300	2x 1100	●	50	4000	80	2,20
fascio medio > *medium beam*										
E3420 ○	2x **13W LED**	●		2x 1000	2x 860	●	50	3000	90	2,00
E3421 ○	2x **13W LED**	●		2x 1300	2x 1100	●	50	4000	80	2,00
E3422 □	2x **13W LED**	●		2x 1000	2x 860	●	50	3000	90	2,20
E3423 □	2x **13W LED**	●		2x 1300	2x 1120	●	50	4000	80	2,20
fascio diffondente > *wide beam*										
E3424 ○	2x **13W LED**	●		2x 1000	2x 770	●	50	3000	90	2,00
E3425 ○	2x **13W LED**	●		2x 1300	2x 1000	●	50	4000	80	2,00
E3426 □	2x **13W LED**	●		2x 1000	2x 770	●	50	3000	90	2,20
E3427 □	2x **13W LED**	●		2x 1300	2x 1000	●	50	4000	80	2,20

16° 38° 74°



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

350x190mm IP20 IP23 850°C

LED 2x

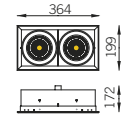
21



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente • ottica GC nera > *wide beam • black GC optic*										
E3428 ○	2x **13W LED**	●		2x 1000	2x 560	●	50	3000	90	2,00
E3429 ○	2x **13W LED**	●		2x 1300	2x 730	●	50	4000	80	2,00
E3430 □	2x **13W LED**	●		2x 1000	2x 560	●	50	3000	90	2,20
E3431 □	2x **13W LED**	●		2x 1300	2x 730	●	50	4000	80	2,20

67°



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

350x190mm IP20 IP23 850°C

LED 3x

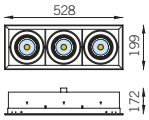
21



Riflettore in materiale termoplastico metallizzato.
Metalized thermoplastic reflector.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*										
E3432 ○	3x **13W LED**	●		3x 1000	3x 860	●	50	3000	90	2,98
E3433 ○	3x **13W LED**	●		3x 1300	3x 1100	●	50	4000	80	2,98
E3434 □	3x **13W LED**	●		3x 1000	3x 860	●	50	3000	90	3,17
E3435 □	3x **13W LED**	●		3x 1300	3x 1100	●	50	4000	80	3,17
fascio medio > *medium beam*										
E3436 ○	3x **13W LED**	●		3x 1000	3x 860	●	50	3000	90	2,98
E3437 ○	3x **13W LED**	●		3x 1300	3x 1100	●	50	4000	80	2,98
E3438 □	3x **13W LED**	●		3x 1000	3x 860	●	50	3000	90	3,17
E3439 □	3x **13W LED**	●		3x 1300	3x 1100	●	50	4000	80	3,17
fascio diffondente > *wide beam*										
E3440 ○	3x **13W LED**	●		3x 1000	3x 770	●	50	3000	90	2,98
E3441 ○	3x **13W LED**	●		3x 1300	3x 1000	●	50	4000	80	2,98
E3442 □	3x **13W LED**	●		3x 1000	3x 770	●	50	3000	90	3,17
E3443 □	3x **13W LED**	●		3x 1300	3x 1000	●	50	4000	80	3,17

16° 38° 74°



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

515x190mm IP20 IP23 850°C

LED 3x

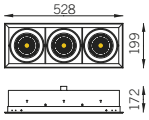
21



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente • ottica GC nera > *wide beam • black GC optic*										
E3444 ○	3x **13W LED**	●		3x 1000	3x 560	●	50	3000	90	2,98
E3445 ○	3x **13W LED**	●		3x 1300	3x 730	●	50	4000	80	2,98
E3446 □	3x **13W LED**	●		3x 1000	3x 560	●	50	3000	90	3,17
E3447 □	3x **13W LED**	●		3x 1300	3x 730	●	50	4000	80	3,17

67°



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

515x190mm IP20 IP23 850°C

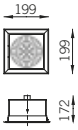
LED 1x

21



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±Y	K	CRI	Kg
fascio medio > *medium beam*										
E3300 ○	1x **32W LED**	●		1x 3300		●	50	3000	80	1,25
E3301 ○	1x **32W LED**	●		1x 3600		●	50	4000	80	1,25
E3302 □	1x **32W LED**	●		1x 3300		●	50	3000	80	1,36
E3303 □	1x **32W LED**	●		1x 3600		●	50	4000	80	1,36
fascio diffondente > *wide beam*										
E3304 ○	1x **32W LED**	●		1x 3300		●	50	3000	80	1,25
E3305 ○	1x **32W LED**	●		1x 3600		●	50	4000	80	1,25
E3306 □	1x **32W LED**	●		1x 3300		●	50	3000	80	1,36
E3307 □	1x **32W LED**	●		1x 3600		●	50	4000	80	1,36

24° 40°



LED 1050mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

190x190mm IP20 IP23 850°C

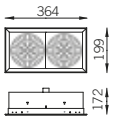
LED 2x

21



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±Y	K	CRI	Kg
fascio medio > *medium beam*										
E3308 ○	2x **32W LED**	●		2x 3300		●	50	3000	80	2,00
E3309 ○	2x **32W LED**	●		2x 3600		●	50	4000	80	2,00
E3310 □	2x **32W LED**	●		2x 3300		●	50	3000	80	2,20
E3311 □	2x **32W LED**	●		2x 3600		●	50	4000	80	2,20
fascio diffondente > *wide beam*										
E3312 ○	2x **32W LED**	●		2x 3300		●	50	3000	80	2,00
E3313 ○	2x **32W LED**	●		2x 3600		●	50	4000	80	2,00
E3314 □	2x **32W LED**	●		2x 3300		●	50	3000	80	2,20
E3315 □	2x **32W LED**	●		2x 3600		●	50	4000	80	2,20

24° 40°



LED 1050mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

350x190mm IP20 IP23 850°C

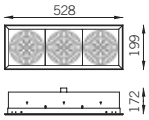
LED 3x

21



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±Y	K	CRI	Kg
fascio medio > *medium beam*										
E3316 ○	3x **32W LED**	●		3x 3300		●	50	3000	80	2,98
E3317 ○	3x **32W LED**	●		3x 3600		●	50	4000	80	2,98
E3318 □	3x **32W LED**	●		3x 3300		●	50	3000	80	3,17
E3319 □	3x **32W LED**	●		3x 3600		●	50	4000	80	3,17
fascio diffondente > *wide beam*										
E3320 ○	3x **32W LED**	●		3x 3300		●	50	3000	80	2,98
E3321 ○	3x **32W LED**	●		3x 3600		●	50	4000	80	2,98
E3322 □	3x **32W LED**	●		3x 3300		●	50	3000	80	3,17
E3323 □	3x **32W LED**	●		3x 3600		●	50	4000	80	3,17

24° 40°

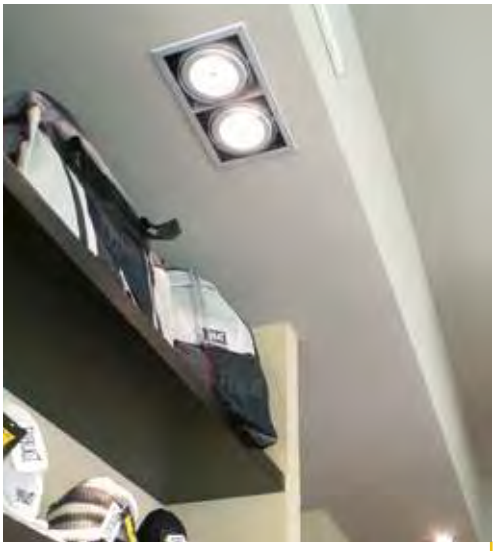


LED 1050mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

515x190mm IP20 IP23 850°C







HIGH SPOT-IN TRIMLESS

Apparecchio
Corpo in alluminio pressofuso.
Copertura in lamiera d'acciaio verniciato.
Anello in alluminio pressofuso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Fissaggio tramite staffe in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Painted sheet steel cover.
Die-cast aluminium ring.
Polyester powder paint resistant to UV rays.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 107lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Galvanized steel brackets.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 180-181.
Accessories, see page 180-181.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

○ Versione anello tondo *With round rim*
□ Versione piano quadro *With flat square rim*

LED 1x

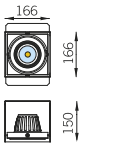
12



Riflettore in materiale termoplastico metallizzato.
Metalized thermoplastic reflector.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±Y	K	CRI	Kg
fascio concentrante > *narrow beam*										
E3580 ○	1x **13W LED**	●		1x 1000	1x 860	●	50	3000	90	1,25
E3581 ○	1x **13W LED**	●		1x 1300	1x 1100	●	50	4000	80	1,25
E3582 □	1x **13W LED**	●		1x 1000	1x 860	●	50	3000	90	1,36
E3583 □	1x **13W LED**	●		1x 1300	1x 1100	●	50	4000	80	1,36
fascio medio > *medium beam*										
E3584 ○	1x **13W LED**	●		1x 1000	1x 860	●	50	3000	90	1,25
E3585 ○	1x **13W LED**	●		1x 1300	1x 1120	●	50	4000	80	1,25
E3586 □	1x **13W LED**	●		1x 1000	1x 860	●	50	3000	90	1,36
E3587 □	1x **13W LED**	●		1x 1300	1x 1100	●	50	4000	80	1,36
fascio diffondente > *wide beam*										
E3588 ○	1x **13W LED**	●		1x 1000	1x 770	●	50	3000	90	1,25
E3589 ○	1x **13W LED**	●		1x 1300	1x 1000	●	50	4000	80	1,25
E3590 □	1x **13W LED**	●		1x 1000	1x 770	●	50	3000	90	1,36
E3591 □	1x **13W LED**	●		1x 1300	1x 1000	●	50	4000	80	1,36

16° 38° 74°



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

170x170mm IP20 IP23 850°C

LED 2x

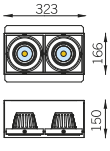
12



Riflettore in materiale termoplastico metallizzato.
Metalized thermoplastic reflector.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±Y	K	CRI	Kg
fascio concentrante > *narrow beam*										
E3592 ○	2x **13W LED**	●		2x 1000	2x 860	●	50	3000	90	2,00
E3593 ○	2x **13W LED**	●		2x 1300	2x 1100	●	50	4000	80	2,00
E3594 □	2x **13W LED**	●		2x 1000	2x 860	●	50	3000	90	2,20
E3595 □	2x **13W LED**	●		2x 1300	2x 1100	●	50	4000	80	2,20
fascio medio > *medium beam*										
E3596 ○	2x **13W LED**	●		2x 1000	2x 860	●	50	3000	90	2,00
E3597 ○	2x **13W LED**	●		2x 1300	2x 1100	●	50	4000	80	2,00
E3598 □	2x **13W LED**	●		2x 1000	2x 860	●	50	3000	90	2,20
E3599 □	2x **13W LED**	●		2x 1300	2x 1100	●	50	4000	80	2,20
fascio diffondente > *wide beam*										
E3600 ○	2x **13W LED**	●		2x 1000	2x 770	●	50	3000	90	2,00
E3601 ○	2x **13W LED**	●		2x 1300	2x 1000	●	50	4000	80	2,00
E3602 □	2x **13W LED**	●		2x 1000	2x 770	●	50	3000	90	2,20
E3603 □	2x **13W LED**	●		2x 1300	2x 1000	●	50	4000	80	2,20

16° 38° 74°



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

170x327mm IP20 IP23 850°C

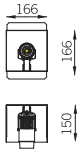
LED 1x

12



Riflettore in materiale termoplastico metallizzato.
Metalized thermoplastic reflector.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*										
E3605	1x **13W LED**	●		1x1250	1x900	●		2700	90	1,50
E3606	1x **13W LED**	●		1x1300	1x950	●		3000	90	1,50
E3607	1x **13W LED**	●		1x1600	1x1100	●		4000	80	1,50
14°										
fascio medio > *medium beam*										
E3608	1x **13W LED**	●		1x1250	1x860	●		2700	90	1,50
E3609	1x **13W LED**	●		1x1300	1x910	●		3000	90	1,50
E3610	1x **13W LED**	●		1x1600	1x1050	●		4000	80	1,50
24°										
fascio diffondente > *wide beam*										
E3611	1x **13W LED**	●		1x1250	1x770	●		2700	90	1,50
E3612	1x **13W LED**	●		1x1300	1x820	●		3000	90	1,50
E3613	1x **13W LED**	●		1x1600	1x950	●		4000	80	1,50
36°										



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

170x170mm IP20 IP23 850°C

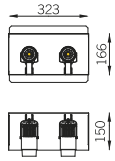
LED 2x

12



Riflettore in materiale termoplastico metallizzato.
Metalized thermoplastic reflector.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*										
E3615	2x **13W LED**	●		2x1250	2x900	●		2700	90	2,50
E3616	2x **13W LED**	●		2x1300	2x950	●		3000	90	2,50
E3617	2x **13W LED**	●		2x1600	2x1100	●		4000	80	2,50
14°										
fascio medio > *medium beam*										
E3618	2x **13W LED**	●		2x1250	2x860	●		2700	90	2,50
E3619	2x **13W LED**	●		2x1300	2x910	●		3000	90	2,50
E3620	2x **13W LED**	●		2x1600	2x1050	●		4000	80	2,50
24°										
fascio diffondente > *wide beam*										
E3621	2x **13W LED**	●		2x1250	2x770	●		2700	90	2,50
E3622	2x **13W LED**	●		2x1300	2x820	●		3000	90	2,50
E3623	2x **13W LED**	●		2x1600	2x950	●		4000	80	2,50
36°										



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 180-181.
LED driver to be ordered separately, see page 180-181.

170x327mm IP20 IP23 850°C

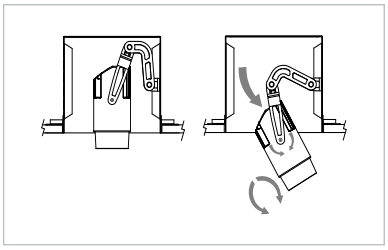
VERSIONE CON SPOT ESTRAIBILE E ORIENTABILE
VERSION WITH ADJUSTABLE AND REMOVABLE SPOT



12



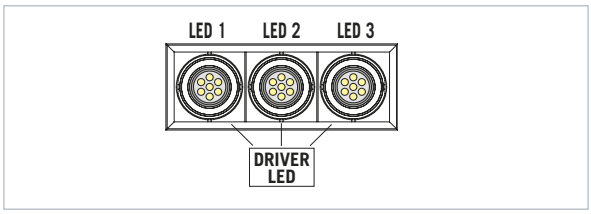
12

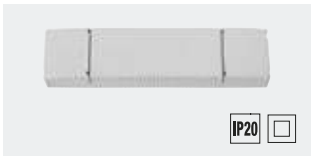


driver LED a corrente costante: 350mA e 1050mA > *constant current LED driver: 350mA and 1050mA*

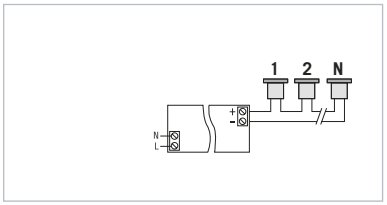
Code	mA	WATT	Numero massimo di LED collegabili. *Max imum number of LED which can be connected.*																	
			LED 13W																	
			E3400	**E3401**	**E3402**	**E3403**	**E3404**	**E3405**	**E3406**	**E3407**	**E3408**	**E3409**	**E3410**	**E3411**	**E3412**	**E3413**	**E3414**	**E3415**	**E3416**	**E3417**	**E3418**
			E3419	**E3420**	**E3421**	**E3422**	**E3423**	**E3424**	**E3425**	**E3426**	**E3427**	**E3428**	**E3429**	**E3430**	**E3431**	**E3432**	**E3433**	**E3434**	**E3435**	**E3436**	**E3437**
			E3438	**E3439**	**E3440**	**E3441**	**E3442**	**E3443**	**E3444**	**E3445**	**E3446**	**E3447**	**E3580**	**E3581**	**E3582**	**E3583**	**E3584**	**E3585**	**E3586**	**E3587**	**E3588**
			E3589	**E3590**	**E3591**	**E3592**	**E3593**	**E3594**	**E3595**	**E3596**	**E3597**	**E3598**	**E3599**	**E3600**	**E3601**	**E3602**	**E3603**	**E3605**	**E3606**	**E3607**	**E3608**
			E3609	**E3610**	**E3611**	**E3612**	**E3613**	**E3615**	**E3616**	**E3617**	**E3618**	**E3619**	**E3620**	**E3621**	**E3622**	**E3623**					
DRIVER IP20																					
H7951 CEI	350	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H7952 DALI	350	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H7955 DALI	350	40	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7952 DIMM	350	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H7955 DIMM	350	40	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
			LED 32W																		
			E3300	**E3301**	**E3302**	**E3303**	**E3304**	**E3305**	**E3306**	**E3307**	**E3308**	**E3309**	**E3310**	**E3311**	**E3312**	**E3313**	**E3314**	**E3315**	**E3316**	**E3317**	**E3318**
			E3319	**E3320**	**E3321**	**E3322**	**E3323**														
DRIVER IP20																					
H7947 CEI	1050	35	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H7947 DALI	1050	35	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H7954 DIMM	1050	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*





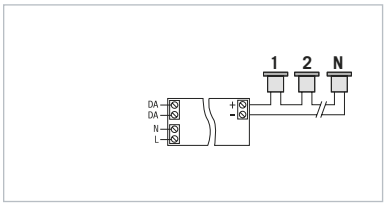
Code	mA	WATT	CEI				Kg
DRIVER IP20							
H7951 CEI	350	20	●				0,11
H7947 CEI	1050	35	●				0,15





Code	mA	WATT	DALI				Kg
DRIVER IP20							
H7952 DALI	350	15	●				0,13
H7947 DALI	1050	35	●				0,15

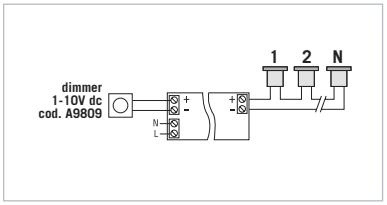
Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.





Code	mA	WATT	DIMM				Kg
DRIVER IP20							
H7952 DIMM	350	15	●				0,11
H7954 DIMM	1050	50	●				0,15
H7955 DIMM	350	40	●				0,21

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



driver LED con emergenza a corrente costante: 350mA e 1050mA > *constant current LED emergency driver: 350mA and 1050mA*

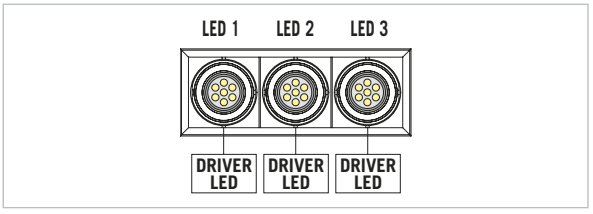
Code	mA	WATT	Numero massimo di LED collegabili. *Max imum number of LED which can be connected.*																	
			LED 13W																	
			E3400	**E3401**	**E3402**	**E3403**	**E3404**	**E3405**	**E3406**	**E3407**	**E3408**	**E3409**	**E3410**	**E3411**	**E3412**	**E3413**	**E3414**	**E3415**	**E3416**	**E3417**	**E3418**
			E3419	**E3420**	**E3421**	**E3422**	**E3423**	**E3424**	**E3425**	**E3426**	**E3427**	**E3428**	**E3429**	**E3430**	**E3431**	**E3432**	**E3433**	**E3434**	**E3435**	**E3436**	**E3437**
			E3438	**E3439**	**E3440**	**E3441**	**E3442**	**E3443**	**E3444**	**E3445**	**E3446**	**E3447**	**E3605**	**E3606**	**E3607**	**E3608**	**E3609**	**E3610**	**E3611**	**E3612**	**E3613**
			E3615	**E3616**	**E3617**	**E3618**	**E3619**	**E3620**	**E3621**	**E3622**	**E3623**	**E3580**	**E3581**	**E3582**	**E3583**	**E3584**	**E3585**	**E3586**	**E3587**	**E3588**	**E3589**
			E3590	**E3591**	**E3592**	**E3593**	**E3594**	**E3595**	**E3596**	**E3597**	**E3598**	**E3599**	**E3600**	**E3601**	**E3602**	**E3603**					
DRIVER IP20																					
H7920 CEI-EM	350	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H7920 DALI-EM	350	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H7920 DIMM-EM	350	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

			LED 32W																	
			E3300	**E3301**	**E3302**	**E3303**	**E3304**	**E3305**	**E3306**	**E3307**	**E3308**	**E3309**	**E3310**	**E3311**	**E3312**	**E3313**	**E3314**	**E3315**	**E3316**	**E3317**	**E3318**
			E3319	**E3320**	**E3321**	**E3322**	**E3323**	**E3324**													
DRIVER IP20																					
H7933 CEI-EM	1050	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H7933 DALI-EM	1050	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
H7933 DIMM-EM	1050	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Driver LED con emergenza da usare con apparecchi SC > ***LED drivers with emergency equipment to be used with SC fittings***

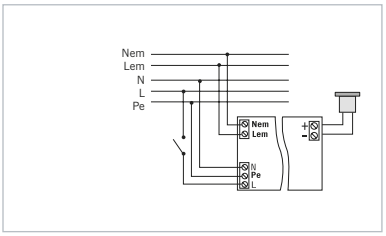
A richiesta driver LED con gruppo emergenza autonomia 3 ore > ***Available on request LED driver with 3 hours autonomy emergency option***

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



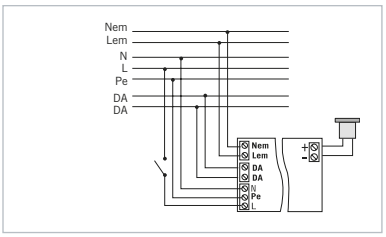


Code	mA	WATT	**CEI-EM**				Kg
DRIVER IP20							
H7920 CEI-EM	350	19	●				0,70
H7933 CEI-EM	1050	50	●				0,70



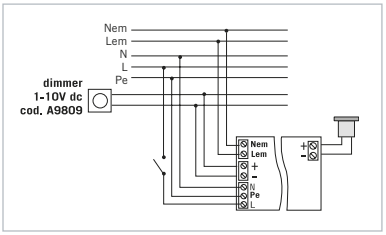
Code	mA	WATT	**DALI-EM**				Kg
DRIVER IP20							
H7920 DALI-EM	350	15	●				0,70
H7933 DALI-EM	1050	50	●				0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



Code	mA	WATT	**DIMM-EM**				Kg
DRIVER IP20							
H7920 DIMM-EM	350	15	●				0,70
H7933 DIMM-EM	1050	50	●				0,70

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.





KLEIN

Apparecchio
Corpo e cornice in alluminio satinato.
Guarnizioni in gomma siliconica.
Schermo in PMMA trasparente o in vetro.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
LED con efficienza nominale sino a 105lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione ad incasso.
Serracavo per entrata singola dei cavi d'alimentazione.
Fissaggio con molle a filo in acciaio inossidabile.
Fornito completo di cavo d'alimentazione (2m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Brushed aluminium body and trim.
Silicone rubber gaskets.
Clear PMMA screen or glass screen.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
Nominal LED efficacy up to 105lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Installation
Recessed installation.
Cable clamp for single cable entry
Stainless steel springs.
Supplied with power cable (2m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag.
185-187-188.
Accessories, see page 185-187-188.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



DISPONIBILE ANCHE NELLA VERSIONE A PARETE, VEDI PAG. 211-212.
ALSO AVAILABLE IN RECCESED WALL-MAOUINTED VERSIONS, SEE PAGE 211-212.

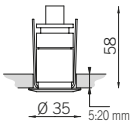
KLEIN 25

11 ○ 33 ●



Schermo in PMMA trasparente.
Clear PMMA screen.

Code	WATT / Lamp	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±Y	K	CRI	Kg
fascio concentrante > *narrow beam*											
22° E2110	2,5W LED	●			220	180	●		3000	80	0,10
E2111	2,5W LED	●			240	200	●		4000	80	0,10
E2112	2,5W LED	●			240	200	●		5000	80	0,10
fascio medio > *medium beam*											
41° E2113	2,5W LED	●			220	150	●		3000	80	0,10
E2114	2,5W LED	●			240	170	●		4000	80	0,10
E2115	2,5W LED	●			240	170	●		5000	80	0,10
fascio ellittico > *elliptical beam*											
43° x 26° E2116	2,5W LED	●			220	160	●		3000	80	0,10
E2117	2,5W LED	●			240	180	●		4000	80	0,10
E2118	2,5W LED	●			240	180	●		5000	80	0,10



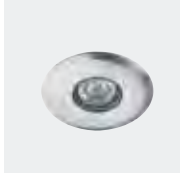
LED 700mA

Driver LED da ordinare separatamente, vedi pag. 188.
LED driver to be ordered separately, see page 188.

Ø27mm IP20 IP54 IK10

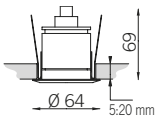
KLEIN 55

11 ○ 33 ●



Schermo in vetro.
Glass screen.

Code	WATT / Lamp	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±Y	K	CRI	Kg
fascio concentrante > *narrow beam*											
25° E2120	4W LED	●			520	370	●		3000	70	0,25
E2121	4W LED	●			560	390	●		4000	70	0,25
E2122	4W LED	●			560	390	●		5000	70	0,25
fascio medio > *medium beam*											
47° E2123	4W LED	●			520	310	●		3000	70	0,25
E2124	4W LED	●			560	320	●		4000	70	0,25
E2125	4W LED	●			560	320	●		5000	70	0,25
Z7301	3W LED RGB	●					●				0,25
fascio ellittico > *elliptical beam*											
43° x 26° E2126	4W LED	●			520	340	●		3000	70	0,25
E2127	4W LED	●			560	370	●		4000	70	0,25
E2128	4W LED	●			560	370	●		5000	70	0,25



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 187-188.
LED driver to be ordered separately, see page 187-188.

Ø54mm IP20 IP54 IK08

FARETTI DA INCASSO
RECESSED SPOTLIGHTS



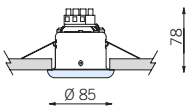


Corpo in acciaio stampato.
Anello in vetro colorato.
Pressed steel body.
Coloured glass ring.

ARGO • LED

00 10 15 17 18

	Code	WATT	SC	CEI	Class CEI	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*												
16°	**E2466-00**	**6,5W LED**	●	●	▣	400	320	●		3000	80	0,30
	E2466-10	**6,5W LED**	●	●	▣	400	320	●		3000	80	0,30
	E2466-15/17/18	**6,5W LED**	●	●	▣	400	320	●		3000	80	0,30
	E2467-00	**6,5W LED**	●	●	▣	460	360	●		4000	80	0,30
	E2467-10	**6,5W LED**	●	●	▣	460	360	●		4000	80	0,30
	E2467-15/17/18	**6,5W LED**	●	●	▣	460	360	●		4000	80	0,30
fascio medio > *medium beam*												
36°	**E2468-00**	**6,5W LED**	●	●	▣	400	300	●		3000	80	0,30
	E2468-10	**6,5W LED**	●	●	▣	400	300	●		3000	80	0,30
	E2468-15/17/18	**6,5W LED**	●	●	▣	400	300	●		3000	80	0,30
	E2469-00	**6,5W LED**	●	●	▣	460	340	●		4000	80	0,30
	E2469-10	**6,5W LED**	●	●	▣	460	340	●		4000	80	0,30
	E2469-15/17/18	**6,5W LED**	●	●	▣	460	340	●		4000	80	0,30



LED 700mA

Driver LED da ordinare separatamente, vedi pag. 185-188.
LED driver to be ordered separately, see page 185-188.

min Ø66mm
max Ø72mm

IP20
IP23

ARGO • 230 Volt

00 10 15 17 18



Corpo in acciaio stampato.
Anello in vetro colorato.
Accessori, vedi pag. 185-188.
Pressed steel body.
Coloured glass ring.
Accessories, see page 185-188.

fascio medio > *medium beam*

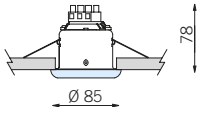
Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±Y	K	CRI	Kg
E2062-00	1x GU10	●		▣							0,20
E2062-10	1x GU10	●		▣							0,20
E2062-15/17/18	1x GU10	●		▣							0,20

GU10 **7W LED 230Vac**

GU10 **50W HAG 230Volt**

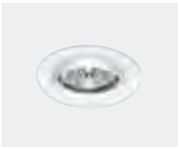
min Ø66mm
max Ø72mm

IP20
IP23



ARGO • 12 Volt

00 10 15 17 18



Corpo in acciaio stampato.
Anello in vetro colorato.
Accessori, vedi pag. 185-188.
Pressed steel body.
Coloured glass ring.
Accessories, see page 185-188.

fascio medio > *medium beam*

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±Y	K	CRI	Kg
E2060-00	1x GU5,3	●		⧈							0,20
E2060-10	1x GU5,3	●		⧈							0,20
E2060-15/17/18	1x GU5,3	●		⧈							0,20

25°

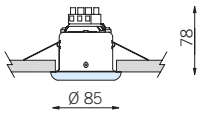
GU5,3 **LED 12Volt**

GU5,3 **20/50W HRG1 12Volt**

Trasformatore elettronico da ordinare separatamente, vedi pag. 186.
Electronic transformer to be ordered separately, see page 186.

min Ø66mm
max Ø72mm

IP20
IP43



LIVIO • 230 Volt

11 21 31 32



Corpo in alluminio pressofuso.
Accessori, vedi pag. 186.
Die-cast aluminium body.
Accessories, see page 186.

fascio medio > *medium beam*

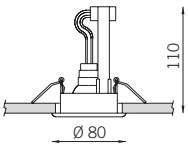
Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±Y	K	CRI	Kg
E2051-11/21	1x GU10	●		▣							0,20
E2051-31	1x GU10	●		▣							0,20
E2051-32	1x GU10	●		▣							0,20

GU10 **7W LED 230Vac**

GU10 **50W HAG 230Volt**

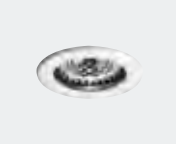
min Ø68mm
max Ø74mm

IP20
IP23



LIVIO • 12 Volt

11 12 21 31 32



Corpo in alluminio pressofuso.
Accessori, vedi pag. 186.
Die-cast aluminium body.
Accessories, see page 186.

fascio medio > *medium beam*

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±Y	K	CRI	Kg
E2020-11/12/21	1x GU5,3	●		⧈							0,08
E2020-31	1x GU5,3	●		⧈							0,08
E2020-32	1x GU5,3	●		⧈							0,08

26°

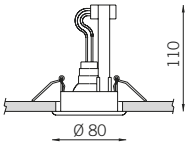
GU5,3 **LED 12Volt**

GU5,3 **20/50W HRG1 12Volt**

Trasformatore elettronico da ordinare separatamente, vedi pag. 186.
Electronic transformer to be ordered separately, see page 186.

min Ø68mm
max Ø74mm

IP20
IP23



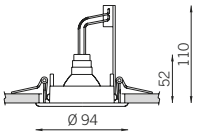
GEO • 230 Volt

11 ○ 12 ● 21 ● 31 ● 32 ●



Corpo in alluminio pressofuso.
Accessori, vedi pag. 186.
Die-cast aluminium body.
Accessories, see page 186.

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±γ	K	CRI	Kg
orientabile • fascio medio > *adjustable • medium beam*											
E2059-11/12/21	1x GU10	●		⧈				15			0,15
E2059-31	1x GU10	●		⧈				15			0,15
E2059-32	1x GU10	●		⧈				15			0,15



GU10 **7W LED 230Vac**

GU10 **50W HAG 230Volt**

min Ø81mm
max Ø85mm

IP20
IP23

GEO • 12 Volt

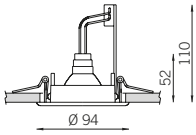
11 ○ 12 ● 21 ● 31 ● 32 ●



Corpo in alluminio pressofuso.
Accessori, vedi pag. 186.
Die-cast aluminium body.
Accessories, see page 186.

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±γ	K	CRI	Kg
orientabile • fascio medio > *adjustable • medium beam*											
E2028-11/12/21	1x GU5,3	●		⧈				15			0,14
E2028-31	1x GU5,3	●		⧈				15			0,14
E2028-32	1x GU5,3	●		⧈				15			0,14

26°



GU5,3 **LED 12Volt**

GU5,3 **20/50W HRG1 12Volt**

Trasformatore elettronico da ordinare separatamente, vedi pag. 186.
Electronic transformer to be ordered separately, see page 186.

min Ø81mm
max Ø85mm

IP20
IP23

PERSEO • 12 Volt

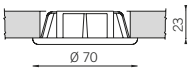
11 ○ 12 ● 31 ● 32 ● 33 ●



Corpo in alluminio pressofuso.
Riflettore in alluminio ossidato e brillantato anodicamente.
Die-cast aluminium body.
Anode polished and oxidated aluminium reflector.

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±γ	K	CRI	Kg
fascio medio > *medium beam*											
E2250-11/12	1x G4	●		⧈					3000		0,05
E2250-31	1x G4	●		⧈					3000		0,05
E2250-32/33	1x G4	●		⧈					3000		0,05

25°



G4 **LED 12Volt**

G4 **20W HSG 12Volt**

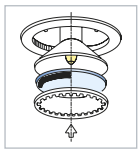
Trasformatore elettronico da ordinare separatamente, vedi pag. 186.
Electronic transformer to be ordered separately, see page 186.

max Ø60mm

IP20
IP23

accessori > *accessories*





Vetro temperato di protezione resistente agli shock termici.
Thermal-shock resistant tempered protection glass.

Non adatto per:
Not suitable for:

E2110 ÷ E2128, Z7301 (KLEIN)
E2250 (PERSEO)
E2466 ÷ E2469 (ARGO)
E2470 ÷ E2473 (MILO)

Code		Kg
E2101	●	0,01

MILO • LED

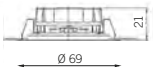
11 ○ 12 ● 31 ○



Corpo in alluminio pressofuso.
Die-cast aluminium body.

fascio medio > *medium beam*

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
E2470	**2,5W LED**	●			150	100	●		3000	80	0,07



25°

LED
700mA

Driver LED da ordinare separatamente, vedi pag. 188.
LED driver to be ordered separately, see page 188.

max Ø60mm

IP20
IP43

MILO • LED

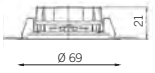
11 ○ 12 ● 31 ○



Corpo in alluminio pressofuso.
Die-cast aluminium body.

fascio medio > *medium beam*

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
E2473	**3 - 2,5W LED**		●	⧈	3 - 150	3 - 100	●		3000	80	0,31



25°

LED

Driver LED incluso.
LED driver included.

max Ø60mm

IP20
IP43



E2473 kit composto da 3 pezzi di E2470 con 1 driver
the kit is composed of 3 E2470 items with single driver

trasformatore elettronico > *electronic transformer* — 12 Volt



Code	mA	WATT	CEI				Kg
IP20							
E2172 CEI		20-105	●				0,15

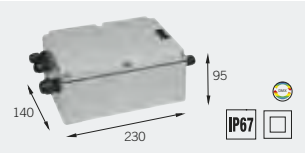
Adatto per codici:
Suitable for codes:

E2060 (ARGO)
E2020 (LIVIO)
E2028 (GEO)
E2250 (PERSEO)

driver LED **RGB** a corrente costante: 350mA > *constant current **RGB** LED driver: 350mA*

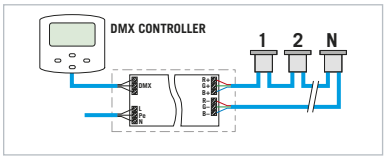
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*
			KLEIN 55
			Z7301
Z7791-40 DMX	350	3x6	6

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	DMX	Kg
Z7791-40 DMX	350	3x6	●	1,00

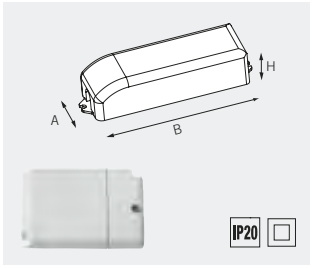
Driver LED **RGB**


DMX CONTROLLER
1
2
N
DMX
DMX
DMX

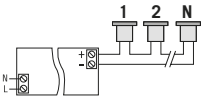
driver LED a corrente costante: 350mA e 700mA > *constant current LED driver: 350mA and 700mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*															
			KLEIN25					KLEIN55					ARGO				MILO	
			E2110	E2112	E2114	E2116	E2118	E2120	E2122	E2124	E2126	E2128	E2466	E2467	E2468	E2469	E2470	
			E2111	E2113	E2115	E2117		E2121	E2123	E2125	E2127							
DRIVER IP20																		
H7951 CEI	350	20						4	4	4	4	4						
H7955 DALI	350	40						9	9	9	9	9						
H7952 DIMM	350	15						3	3	3	3	3						
H7955 DIMM	350	40						9	9	9	9	9						
H7949 CEI	700	16	6	6	6	6	6						2	2	2	2	5	
H7946 CEI	700	32	12	12	12	12	12						4	4	4	4	12	
H7958 CEI	700	16	6	6	6	6	6						2	2	2	2	5	
H7954 CEI	700	50	18	18	18	18	18						7	7	7	7	18	
H7952 DALI	700	32	12	12	12	12	12						4	4	4	4	12	
H7954 DALI	700	50	18	18	18	18	18						7	7	7	7	18	
H7952 DIMM	700	25	8	8	8	8	8						3	3	3	3	9	
H7954 DIMM	700	50	18	18	18	18	18						7	7	7	7	18	

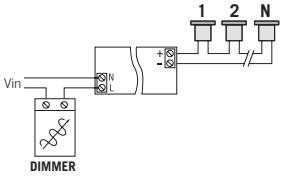
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7951 CEI	350	20	●	38	125	23	0,11
H7949 CEI	700	16	●	37	128	28	0,10
H7958 CEI	700	16	●	52	115	22	0,11
H7954 CEI	700	35	●	79	125	22	0,15

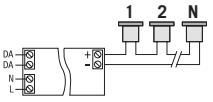


Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7946 CEI	700	32	●	47	166	35	0,11



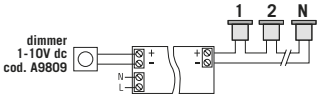
Code	mA	WATT	DALI	A	B	H	Kg
DRIVER IP20							
H7952 DALI	700	32	●	67	103	21	0,13
H7954 DALI	700	50	●	79	125	22	0,15
H7955 DALI	350	40	●	79	126	22	0,15

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.



Code	mA	WATT	DIMM	A	B	H	Kg
DRIVER IP20							
H7952 DIMM	350-700	15-25	●	67	103	21	0,11
H7954 DIMM	700	50	●	79	125	22	0,15
H7955 DIMM	350	40	●	79	126	22	0,21

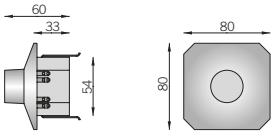
Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.





Code		Kg
A9809	●	0,10

Potenziometro elettronico 1-10 V.
Electronic potentiometer for 1-10 V.



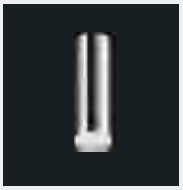
APPARECCHI A PLAFONE
CEILING LUMINAIRES



190
FLAT



192
DOT210



193
STILO-PL



196
DEMO-PL200



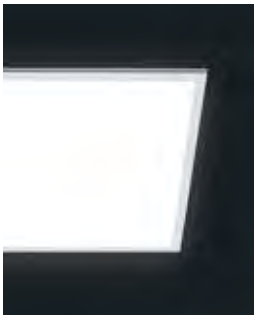
198
DEMO-PL230



200
THETA-PL
LED



200
THETA-PL



FLAT

Apparecchio
Corpo in acciaio stampato.
Cornice in alluminio estruso.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Triplo schermo in PMMA: prismatizzato, trasparente e opale per tecnologia dot-free
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
LED con efficienza nominale sino a 130lumen/Watt (4000K - 1050mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L70.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione ad incasso, a sospensione o a plafone.
Driver LED incluso.
Controcassa in acciaio zincato e verniciato per installazione in controsoffitti.

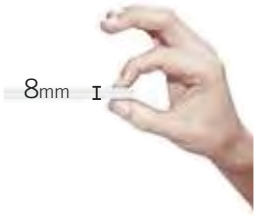
Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

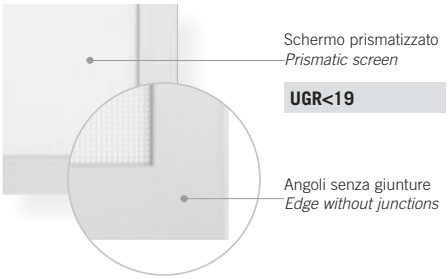
Luminaire
Pressed steel body.
Extruded aluminium trim.
Polyester powder paint resistant to UV rays.
Triple screen PMMA: prismatic, transparent and opal for dot-free technology
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
Nominal LED efficacy up to 130lumen/Watt (4000K - 1050mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L70.
High colour consistency: <3 SDCM.
Installation
Recessed, suspended or ceiling installation.
LED driver included.
Galvanised and painted steel recessed installation box for false ceilings.

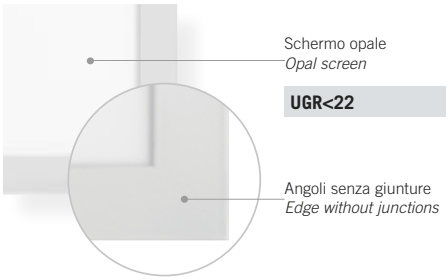
These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

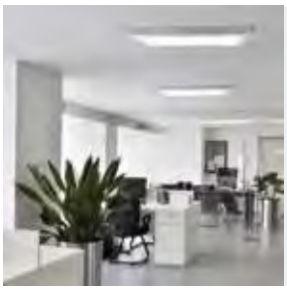
Accessori, vedi pag. 191.
Accessories, see page 191.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.









A PLAFONE > *CEILING MOUNTING*



A PLAFONE - serie quadrata > *CEILING MOUNTING - square series* 11



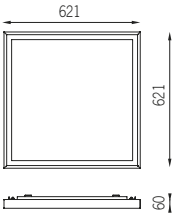
*UGR<19
**UGR<22

Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*													
X4800*	34W LED	●	●	●	●	●	●	⏚	3200	●	3000	80	5,70
X4801*	34W LED	●	●	●	●	●	●	⏚	3400	●	4000	80	5,70
fascio diffondente > *wide beam*													
X4803**	34W LED	●	●	●	●	●	●	⏚	3200	●	3000	80	5,70
X4804**	34W LED	●	●	●	●	●	●	⏚	3400	●	4000	80	5,70

77°x67°
115°
LED

Driver LED incluso.
LED driver included.

IP20



A PLAFONE - serie rettangolare > *CEILING MOUNTING - rectangular series* 11



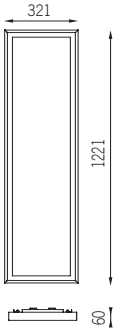
*UGR<19

Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*													
X4820*	34W LED	●	●	●	●	●	●	⏚	3200	●	3000	80	5,90
X4821*	34W LED	●	●	●	●	●	●	⏚	3400	●	4000	80	5,90

115°
LED

Driver LED incluso.
LED driver included.

IP20





A INCASSO > *RECESSED MOUNTING*



Per versione A SOSPENSIONE utilizzare l'accessorio X9400
For SUSPENSION use X9400 accessory

A INCASSO - serie quadrata > *RECESSED MOUNTING - square series*

11 ○

*UGR<19

**UGR<22

fascio medio > *medium beam*

Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
X4000*	34W LED	●	●	●	●	●	●	⏚	3200	●	3000	80	4,50
X4001*	34W LED	●	●	●	●	●	●	⏚	3400	●	4000	80	4,50

77°x67°

fascio diffondente > *wide beam*

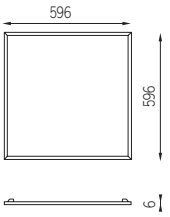
Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
X4003**	34W LED	●	●	●	●	●	●	⏚	3200	●	3000	80	4,50
X4004**	34W LED	●	●	●	●	●	●	⏚	3400	●	4000	80	4,50

115°

LED

Driver LED incluso.
LED driver included.

IP20



A INCASSO - serie rettangolare > *RECESSED MOUNTING - rectangular series*

11 ○



*UGR<19

fascio diffondente > *wide beam*

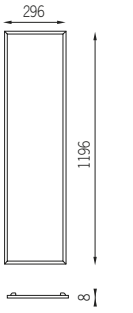
Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
X4020*	34W LED	●	●	●	●	●	●	⏚	3200	●	3000	80	4,70
X4021*	34W LED	●	●	●	●	●	●	⏚	3400	●	4000	80	4,70

115°

LED

Driver LED incluso.
LED driver included.

IP20



accessori per sospensione > *suspension accessories*



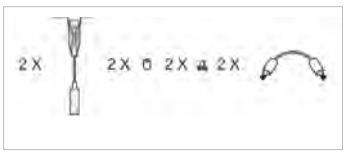


11 ○
12 ●

Per versioni dali-emergenza e dimmerabili-emergenza usare un rosone codice A1194 e un rosone codice A1195.
Use cable cup code A1194 and A1195 for dali-emergency and dimmable-emergency versions.

Code		Wiring		Kg
A1194	3x0,75 mmq	CEI	●	0,20
A1195	5x0,75 mmq	CEI-EM, DALI, DIMM	●	0,20
A1194 + A1195	3+5x0,75 mmq	DALI-EM, DIMM-EM	●	0,40

Rosone in tecnopolimero. Cavo d'alimentazione per altezza massima di 1,5m.
Engineering plastic cable cup. Main cable up to 1.5m long.



Code		Kg
X9400	●	0,16

Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica.
Suspension with steel cable (1.5m) and millimetric regulation.





DOT210

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Cablaggio su piastra asportabile in acciaio zincato.
Schermo in PMMA opale.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 132lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione a plafone.
Cassetta di cablaggio a parte per versione in emergenza 3h.
Driver LED incluso.
Passacavo per entrata singola dei cavi d'alimentazione.
Possibilità doppio pressa cavo M20 per collegamento in cascata.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Opal PMMA screen.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 132lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Ceiling installation.
Remote control gear box for emergency version 3h.
LED driver included.
Grommet for single cable entry.
Possibility for double M20 cable gland for through wiring.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".



POSSIBILITA' DI COLLEGAMENTO IN CASCATA.
THROUGH WIRING POSSIBILITA'.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



DOT 210

11 ○ 12 ● 16 ● 21 ●

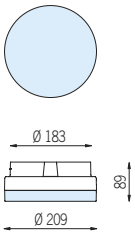
Code	WATT	CEI	DALI	BIP	BIP-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*												
P7740	**17W LED**	●	●				2200	1200	●	3000	80	1,30
P7741	**17W LED**	●	●				2300	1260	●	4000	80	1,30
P7743	**13W LED - 230Vac**			●	●		1150	690	●	3000	80	1,20
P7744	**13W LED - 230Vac**			●	●		1200	710	●	4000	80	1,20

130°

LED

Driver LED incluso.
LED driver included.

IP65 850°C IK08



accessori > *accessories*



Code		Kg
P7749	●	0,06

Sensore di presenza.
Motion sensor.

Da ordinare unitamente all'apparecchio.
To order with the light fitting.

Adatto solo per articoli:
Suitable only for:
P7743 BIP
P7744 BIP
P7743 BIP-EM
P7744 BIP-EM





STILO-PL

Apparecchio
Corpo in alluminio.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Schermo in PMMA opale o ottica GC in policarbonato.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
LED con efficienza nominale sino a 126lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Disponibili LED ad alta resa cromatica: CRI>90
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione a sospensione o a plafone.
Basetta di fissaggio in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Aluminium body.
Polyester powder paint resistant to UV rays.
Opal PMMA screen or polycarbonate GC optic.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Nominal LED efficacy up to 126lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
Available LEDs with high color rendition: CRI>90
High colour consistency: <3 SDCM.
Installation
Seiling or suspended installation.
Engineering plastic base plate.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 195.
Accessories, see page 195.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.



DISPONIBILE ANCHE NELLA VERSIONE A SOSPENSIONE, VEDI PAG. 108.
ALSO AVAILABLE IN CSUSPENDED VERSIONS, SEE PAGE 108.



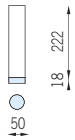


con schermo opale > *with opal screen*

11 ○ 12 ● 31 ○

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*										
J6100-11/12	**4W LED - 230Vac**				300	240		2700	80	0,50
J6100-31	**4W LED - 230Vac**				300	240		2700	80	0,50
J6101-11/12	**4W LED - 230Vac**				320	250		3000	80	0,50
J6101-31	**4W LED - 230Vac**				320	250		3000	80	0,50
J6102-11/12	**4W LED - 230Vac**				350	260		4000	80	0,50
J6102-31	**4W LED - 230Vac**				350	260		4000	80	0,50

80°



LED 230Vac

Non necessitano di driver LED.
Driver LED not needed.

IP40

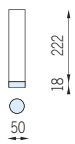


con schermo opale > *with opal screen*

11 ○ 12 ● 31 ○

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*										
J6110-11/12	**4W LED**				400	310		2700	80	0,50
J6110-31	**4W LED**				400	310		2700	80	0,50
J6111-11/12	**4W LED**				430	330		3000	80	0,50
J6111-31	**4W LED**				430	330		3000	80	0,50
J6112-11/12	**4W LED**				460	360		4000	80	0,50
J6112-31	**4W LED**				460	360		4000	80	0,50

80°



LED 24Volt

Driver LED da ordinare separatamente, vedi pagina 195.
LED driver to be ordered separately, see page 195.

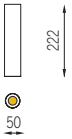
IP40



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

con ottica GC > *with GC optic*

11 ○ 12 ● 31 ●



Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*										
12°										
J6130-11/12	**2W LED**				180	110	●	2700	90	0,70
J6130-31	**2W LED**				180	110	●	2700	90	0,70
J6131-11/12	**2W LED**				200	120	●	3000	90	0,70
J6131-31	**2W LED**				200	120	●	3000	90	0,70
J6132-11/12	**2W LED**				250	140	●	4000	80	0,70
J6132-31	**2W LED**				250	140	●	4000	80	0,70
fascio medio > *medium beam*										
25°										
J6135-11/12	**6W LED**				480	330	●	2700	90	0,70
J6135-31	**4W LED**				380	260	●	2700	90	0,70
J6136-11/12	**6W LED**				510	360	●	3000	90	0,70
J6136-31	**4W LED**				420	300	●	3000	90	0,70
J6137-11/12	**6W LED**				650	460	●	4000	80	0,70
J6137-31	**4W LED**				490	350	●	4000	80	0,70
fascio diffondente > *wide beam*										
47°										
J6140-11/12	**6W LED**				480	300	●	2700	90	0,70
J6140-31	**4W LED**				380	240	●	2700	90	0,70
J6141-11/12	**6W LED**				510	330	●	3000	90	0,70
J6141-31	**4W LED**				420	270	●	3000	90	0,70
J6142-11/12	**6W LED**				650	420	●	4000	80	0,70
J6142-31	**4W LED**				490	320	●	4000	80	0,70

LED

Driver LED incluso.
LED driver included.

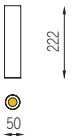
IP40



Ottica GC in tecnopolimero nero.
Black engineering plastic GC optic.

con ottica GC > *with GC optic*

11 ○ 12 ● 31 ●



Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*										
12°										
J6150-11/12	**2W LED**				180	110	●	2700	90	0,50
J6150-31	**2W LED**				180	110	●	2700	90	0,50
J6151-11/12	**2W LED**				200	120	●	3000	90	0,50
J6151-31	**2W LED**				200	120	●	3000	90	0,50
J6152-11/12	**2W LED**				250	140	●	4000	80	0,50
J6152-31	**2W LED**				250	140	●	4000	80	0,50
fascio medio > *medium beam*										
25°										
J6155-11/12	**6W LED**				480	330	●	2700	90	0,50
J6155-31	**4W LED**				480	330	●	2700	90	0,50
J6156-11/12	**6W LED**				510	360	●	3000	90	0,50
J6156-31	**4W LED**				510	360	●	3000	90	0,50
J6157-11/12	**6W LED**				650	460	●	4000	80	0,50
J6157-31	**4W LED**				650	460	●	4000	80	0,50
fascio diffondente > *wide beam*										
47°										
J6160-11/12	**6W LED**				480	300	●	2700	90	0,50
J6160-31	**4W LED**				480	300	●	2700	90	0,50
J6161-11/12	**6W LED**				510	330	●	3000	90	0,50
J6161-31	**4W LED**				510	330	●	3000	90	0,50
J6162-11/12	**6W LED**				650	420	●	4000	80	0,50
J6162-31	**4W LED**				650	420	●	4000	80	0,50

LED 2W 700mA LED 6W 500mA

Driver LED da ordinare separatamente, vedi pagina 195.
LED driver to be ordered separately, see page 195.

IP40



11 ○



12 ●



31 ●

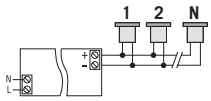
driver LED a tensione costante: 24 Volt > *constant voltage LED driver: 24 Volt*

Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*		
			J6110	J6111	J6112
DRIVER IP20					
07950 CEI	24 Volt	8	2	2	2
07952 CEI	24 Volt	16	3	3	3
07958 CEI	24 Volt	70	17	17	17
07959 CEI	24 Volt	150	34	34	34
07952 DALI	24 Volt	16	3	3	3
07952 DIMM	24 Volt	20	3	3	3

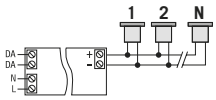
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



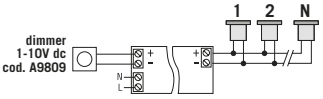
Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07950 CEI	24	8	●			0,11
07952 CEI	24	16	●			0,11
07958 CEI	24	70	●			0,30
07959 CEI	24	150	●			0,32



Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DALI	24	16		●		0,11



Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DIMM	24	20			●	0,11

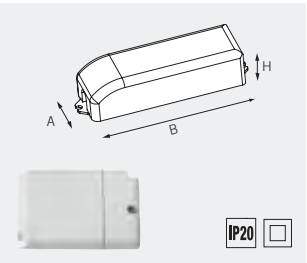


driver LED a corrente costante: 500mA e 700mA > *constant current LED driver: 500mA and 700mA*

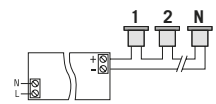
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*					
			J6155	J6156	J6157	J6160	J6161	J6162
DRIVER IP20								
H7948 CEI	500	16	2	2	2	2	2	2
H7954 CEI	500	35	5	5	5	5	5	5
H7945 CEI	500	24	3	3	3	3	3	3
H7952 DALI	500	24	3	3	3	3	3	3
H7954 DALI	500	35	5	5	5	5	5	5
H7952 DIMM	500	22	3	3	3	3	3	3
H7954 DIMM	500	35	5	5	5	5	5	5

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*		
			J6150	J6151	J6152
DRIVER IP20					
H7958 CEI	700	16	7	7	7
H7954 CEI	700	50	24	24	24
H7952 DALI	700	32	15	15	15
H7954 DALI	700	50	24	24	24
H7952 DIMM	700	25	12	12	12

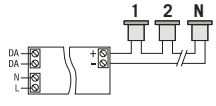
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	CEI	A	B	H	Kg
DRIVER IP20							
H7948 CEI	500	16	●	37	128	28	0,10
H7954 CEI	500-700	35-50	●	79	125	22	0,15
H7958 CEI	700	16	●	37	128	28	0,11

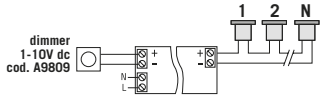


Code	mA	WATT	DALI	A	B	H	Kg
DRIVER IP20							
H7952 DALI	500-700	24-32	●	67	103	21	0,13
H7954 DALI	500-700	35-50	●	79	125	22	0,15



Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

Code	mA	WATT	DIMM	A	B	H	Kg
DRIVER IP20							
H7952 DIMM	500-700	22-25	●	67	103	21	0,11
H7954 DIMM	500-700	35-50	●	79	125	22	0,15



Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



DEMO-PL200

Apparecchio
Corpo in alluminio pressofuso.
Copertura in alluminio tornito.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Schermo superiore in PMMA, schermo a filo in policarbonato.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
LED con efficienza nominale sino a 111lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione a plafone.
Passacavo per entrata singola dei cavi d'alimentazione.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Spun aluminium cover.
Polyester powder paint resistant to UV rays.
Reflector made of engineering plastic metalized in high-vacuum.
Upper PMMA screen, flush polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Nominal LED efficacy up to 111lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Installation
Ceiling installation.
Grommet for single cable entry.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 197.
Accessories, see page 197.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

con schermo a filo > *with flush screen*

11 ○ 12 ● 21 ●



Con riflettore metallizzato liscio.
With smooth metalized reflector.

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*										
J6010	19W LED	●	●	▣	2000	1300	●	3000	80	1,60
J6011	19W LED	●	●	▣	2000	1300	●	4000	80	1,60

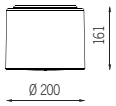
72°

LED

Driver LED incluso.
LED driver included.

IP40





con schermo superiore > *with upper screen*

11 ○ 12 ● 21 ●



Con riflettore metallizzato sfaccettato.
With faceted metalized reflector.

UGR<19

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*										
J6016	19W LED	●	●	▣	2000	1250	●	3000	80	1,60
J6017	19W LED	●	●	▣	2000	1250	●	4000	80	1,60
fascio diffondente > *wide beam*										
J6022	19W LED	●	●	▣	2000	1250	●	3000	80	1,60
J6023	19W LED	●	●	▣	2000	1250	●	4000	80	1,60

36°

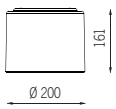
80°

LED

Driver LED incluso.
LED driver included.

IP40





con schermo superiore > *with upper screen*

11 ○ 12 ● 21 ●



Con riflettore bianco sfaccettato.
With faceted white reflector.

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*										
J6028	19W LED	●	●	▣	2000	1200	●	3000	80	1,60
J6029	19W LED	●	●	▣	2000	1200	●	4000	80	1,60

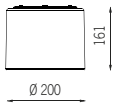
80°

LED

Driver LED incluso.
LED driver included.

IP40





LED PROFESSIONAL

LED con spettro dei colori ottimizzato per la valorizzazione di specifiche tipologie merceologiche.
LED with optimized color spectrum to enhance specific type of goods.

FOOD

BR = bread
LED adatto al banco panetteria
LED suitable for bakery counter

FC = fruit & cheese
LED adatto per frutta, verdura e formaggi
LED suitable for fruits, vegetables and cheeses

FS = fish
LED adatto al banco pesce
LED suitable for fish counter

MT = meat
LED adatto al banco macelleria
LED suitable for butcher counter





FASHION - MUSEUM

MD = fashion
LED adatto al retail
LED suitable for retail

MS = museum
LED adatto a musei e gallerie d'arte
LED suitable for museum and art gallery





Con riflettore metallizzato sfaccettato.
With metalized reflector.

con schermo superiore > *with upper screen*

11 ○ 12 ● 21 ●

fascio medio > *medium beam*

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
J6016BR	**24W LED**	●	●	▣	1450	900	●			1,60
J6016FC	**24W LED**	●	●	▣	2250	1400	●			1,60
J6016FS	**24W LED**	●	●	▣	2100	1300	●			1,60
J6016MD	**24W LED**	●	●	▣	2050	1300	●			1,60
J6016MS	**24W LED**	●	●	▣	1950	900	●			1,60
J6016MT	**24W LED**	●	●	▣	1350	850	●			1,60

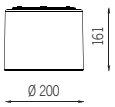
36°

LED

Driver LED incluso.
LED driver included.

IP40







Con riflettore metallizzato sfaccettato.
With metalized reflector.

con schermo superiore > *with upper screen*

11 ○ 12 ● 21 ●

fascio diffondente > *wide beam*

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
J6022BR	**24W LED**	●	●	▣	1450	900	●			1,60
J6022FC	**24W LED**	●	●	▣	2250	1400	●			1,60
J6022FS	**24W LED**	●	●	▣	2100	1300	●			1,60
J6022MD	**24W LED**	●	●	▣	2050	1300	●			1,60
J6022MS	**24W LED**	●	●	▣	1950	1200	●			1,60
J6022MT	**24W LED**	●	●	▣	1350	850	●			1,60

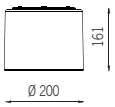
85°

LED

Driver LED incluso.
LED driver included.

IP40



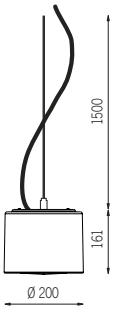


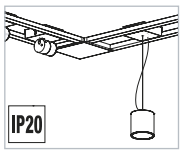
accessori per versione a sospensione > *suspension version accessories*



11 ○ Sospensione elettrificata con rosone in tecnopolimero e fune d'acciaio (1,5m).
12 ● *Electrical suspension with engineering plastic cable cup and steel cable (1.5m).*

Code		Wiring		Kg
A1196	3x0,75 mmq	**CEI**	●	0,34
A1197	5x0,75 mmq	**DALI**	●	0,34





SOLO PER VERSIONI CEI.
ONLY FOR CEI VERSIONS.

Code		Kg
A1714	●	0,20

Sospensione per **SISTEMA CREA**. Da ordinare unitamente alla cassetta codice A1712, vedi pagina 79.
CREA SYSTEM *suspension. To order with the adaptor for suspension code A1712, see page 79.*



DEMO-PL230

Apparecchio
Corpo in alluminio pressofuso.
Copertura in alluminio tornito.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Schermo superiore in PMMA, schermo a filo in policarbonato.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
LED con efficienza nominale sino a 120lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione a plafone.
Passacavo per entrata singola dei cavi d'alimentazione.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body.
Spun aluminium cover.
Polyester powder paint resistant to UV rays.
Reflector made of engineering plastic metalized in high-vacuum.
Upper PMMA screen, flush polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Nominal LED efficacy up to 120lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Installation
Ceiling installation.
Grommet for single cable entry.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 199.
Accessories, see page 199.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

con schermo a filo > *with flush screen*

11 ○ 12 ● 21 ●



Con riflettore metallizzato liscio.
With smooth metalized reflector.

fascio diffondente > *wide beam*

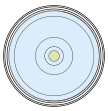
Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
J6040	**26W LED**	●	●	▣	3000	2300	●	3000	80	2,20
J6041	**26W LED**	●	●	▣	3000	2300	●	4000	80	2,20

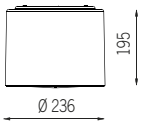
80°

LED

Driver LED incluso.
LED driver included.

IP40





con schermo superiore > *with upper screen*

11 ○ 12 ● 21 ●



Con riflettore metallizzato sfaccettato.
With faceted metalized reflector.
UGR<19

fascio medio > *medium beam*

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
J6046	**26W LED**	●	●	▣	3000	2150	●	3000	80	2,20
J6047	**26W LED**	●	●	▣	3000	2150	●	4000	80	2,20

48°

fascio diffondente > *wide beam*

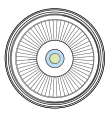
Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
J6052	**26W LED**	●	●	▣	3000	2250	●	3000	80	2,20
J6053	**26W LED**	●	●	▣	3000	2250	●	4000	80	2,20

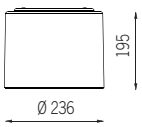
78°

LED

Driver LED incluso.
LED driver included.

IP40





con schermo superiore > *with upper screen*

11 ○ 12 ● 21 ●



Con riflettore bianco sfaccettato.
With faceted white reflector.

fascio diffondente > *wide beam*

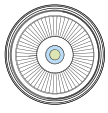
Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
J6058	**26W LED**	●	●	▣	3000	2000	●	3000	80	2,20
J6059	**26W LED**	●	●	▣	3000	2000	●	4000	80	2,20

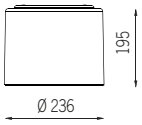
79°

LED

Driver LED incluso.
LED driver included.

IP40





LED PROFESSIONAL

LED con spettro dei colori ottimizzato per la valorizzazione di specifiche tipologie merceologiche.
LED with optimized color spectrum to enhance specific type of goods.

FOOD

BR = bread
LED adatto al banco panetteria
LED suitable for bakery counter

FC = fruit & cheese
LED adatto per frutta, verdura e formaggi
LED suitable for fruits, vegetables and cheeses

FS = fish
LED adatto al banco pesce
LED suitable for fish counter

MT = meat
LED adatto al banco macelleria
LED suitable for butcher counter





FASHION - MUSEUM

MD = fashion
LED adatto al retail
LED suitable for retail

MS = museum
LED adatto a musei e gallerie d'arte
LED suitable for museum and art gallery





Con riflettore metallizzato sfaccettato.
With metalized reflector.

con schermo superiore > *with upper screen*

11 ○ 12 ● 21 ●

fascio medio > *medium beam*

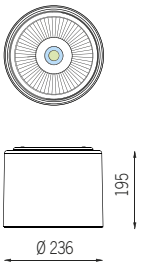
Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
J6046BR	**24W LED**	●	●	▣	1900	1400	●			1,60
J6046FC	**24W LED**	●	●	▣	3000	2200	●			1,60
J6046FS	**24W LED**	●	●	▣	2800	2050	●			1,60
J6046MD	**24W LED**	●	●	▣	2700	2000	●			1,60
J6046MS	**24W LED**	●	●	▣	2600	1900	●			1,60
J6046MT	**24W LED**	●	●	▣	1750	1300	●			1,60

36°

LED

Driver LED incluso.
LED driver included.

IP40





Con riflettore metallizzato sfaccettato.
With metalized reflector.

con schermo superiore > *with upper screen*

11 ○ 12 ● 21 ●

fascio diffondente > *wide beam*

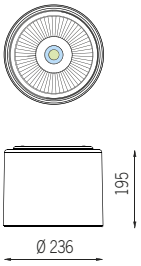
Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
J6052BR	**24W LED**	●	●	▣	1900	1400	●			1,60
J6052FC	**24W LED**	●	●	▣	3000	2200	●			1,60
J6052FS	**24W LED**	●	●	▣	2800	2050	●			1,60
J6052MD	**24W LED**	●	●	▣	2700	2000	●			1,60
J6052MS	**24W LED**	●	●	▣	2600	1900	●			1,60
J6052MT	**24W LED**	●	●	▣	1750	1300	●			1,60

85°

LED

Driver LED incluso.
LED driver included.

IP40



accessori per versione a sospensione > *suspension version accessories*



11 ○ Sospensione elettrificata con rosone in tecnopolimero e fune d'acciaio (1,5m).
12 ● *Electrical suspension with engineering plastic cable cup and steel cable (1.5m).*

Code		Wiring		Kg
A1196	3x0,75 mmq	**CEI**	●	0,34
A1197	5x0,75 mmq	**DALI**	●	0,34



THETA-PL

Apparecchio
Corpo in lamiera di acciaio.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
La verniciatura a polvere con applicazione elettrostatica, dopo le lavorazioni meccaniche, garantisce la protezione di tutti gli spigoli ed elimina le bave taglienti.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
A richiesta cablaggio emergenza con autotest.
Riflettore agganciato con molle a scatto.
Ottica biparabolica bassa luminanza 60° in alluminio 99,98 anodizzato speculare antiridescente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
LED con efficienza nominale sino a 115lumen/Watt (4000K - 350mA - CRI>80 - Tj=65°C).
Lunga vita utile del LED: > 50000h con L70.
Alta consistenza dei colori: <3 elissi di Mac Adam.
Disponibili versioni con lampade tradizionali.
Installazione
Installazione a plafone.
Driver LED incluso.
Passacavo per entrata singola dei cavi d'alimentazione.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Sheet steel body.
Polyester powder paint resistant to UV rays.
Electrostatic powder-painting after mechanical working ensures full protection of all edges and eliminates any sharp burr.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Available on request: emergency wiring with autotest.
Reflector held by spring clips.
60° low luminance biparabolic reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Nominal LED efficacy up to 120lumen/Watt (4000K - 350mA - CRI>80 - Tj=65°C).
LED life time: >50000h with L70.
High colour consistency: <3 SDCM.
Available with conventional lamps.
Installation
Ceiling installation.
LED driver included.
Grommet for single cable entry.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



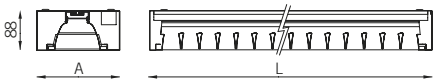
UGR<19

LED • Dark Light ≤ 500 cd m^{-2} — 11 ○ 21 ●

Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	A	L
J4730	**24W LED**	●	●						2600	1200	●	3000	80	2,10	155	578
J4731	**24W LED**	●	●						2700	1300	●	4000	80	2,10	155	578
J4733	**48W LED**	●	●		●	●			5200	2450	●	3000	80	2,90	155	1178
J4734	**48W LED**	●	●		●	●			5450	2550	●	4000	80	2,90	155	1178
J4736	**60W LED**	●	●		●	●			6500	3050	●	3000	80	3,50	155	1478
J4737	**60W LED**	●	●		●	●			6800	3200	●	4000	80	3,50	155	1478

LED

IP20 850°C V0



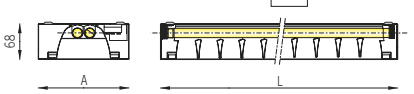


Dark Light ≤ 500 cd m^{-2} — 11 ○ 21 ●

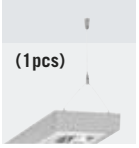
Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg	A	L
J4726	2x **14/24W FD** G5	●	●	●									1,60	155	578
J4727	2x **28/54W FD** G5	●	●	●	●	●	●						2,30	155	1178
J4728	2x **35/49/80W FD** G5	●	●	●	●	●	●						2,74	155	1478

G5 FD

IP20 850°C V0

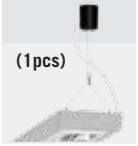


accessori > *accessories*



Code		Kg
A1588		● 0,10

Sospensione semplice con fune d'acciaio (1,5m) a regolazione millimetrica.
Suspension with steel cable (1.5m) and millimetric regulation.



11 ○ 12 ● **Per versioni dali-emergenza e dimmerabili-emergenza usare un rosone codice A1586 e un rosone codice A1587.**
Use cable cup code A1586 and A1587 for dali-emergency and dimmable-emergency versions.

Code		Wiring	Kg
A1586	3x0,75 mmq	**CEI**	● 0,24
A1587	5x0,75 mmq	**CEI-EM, DALI, DIMM**	● 0,24
A1586 + A1587	3+5x0,75 mmq	**DALI-EM, DIMM-EM**	● 0,48

Sospensione semplice in tecnopolimero con fune d'acciaio (1,5m) a regolazione millimetrica.
Engineering plastic suspension with steel cable (1.5m) and millimetric regulation.



11 ○ 12 ● **Per versioni dali-emergenza e dimmerabili-emergenza usare un rosone codice A1194 e un rosone codice A1195.**
Use cable cup code A1194 and A1195 for dali-emergency and dimmable-emergency versions.

Code		Wiring	Kg
A1194	3x0,75 mmq	**CEI**	● 0,20
A1195	5x0,75 mmq	**CEI-EM, DALI, DIMM**	● 0,20
A1194 + A1195	3+5x0,75 mmq	**DALI-EM, DIMM-EM**	● 0,20

Rosone in tecnopolimero. Cavo d'alimentazione per altezza massima di 1,5m.
Engineering plastic cable cup. Main cable up to 1.5m long.

ILLUMINAZIONI DI GRANDI AREE
LARGE SPACE LIGHTING



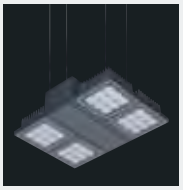
202
INTIS210



203
MOTO^{3}



205
NADIR
PLAFONE
CEILING



206
NADIR
SOSPENSIONE
SUSPENDED-MOUNT



INTIS210

Apparecchio
Corpo e cornice in alluminio pressofuso (EN 47100).
Rosone in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio su piastra asportabile in acciaio zincato.
Riflettore in alluminio 99,98 anodizzato speculare antiriflettente.
Schermo in vetro temperato di spessore 4mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 136lumen/Watt (4000K - 350mA - CRI> - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione a sospensione e a plafone.
Cassetta di cablaggio a parte per versione in emergenza 3h.
Driver LED incluso.
Pressacavo M20 in tecnopolimero.
Basetta di fissaggio in alluminio pressofuso (EN 47100).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body and trim (EN 47100).
Die-cast aluminium cable cup (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Wiring on removable galvanized steel tray.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Screen made of 4mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 136lumen/Watt (4000K - 350mA - CRI> - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Ceiling or suspended installation.
Remote control gear box for emergency version 3h.
LED driver included.
M20 engineering plastic cable gland.
Die-cast aluminium base plate (EN 47100).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.



versione a sospensione > *suspended version*

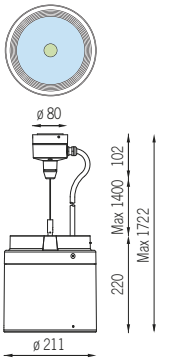
11 ○ 12 ● 16 ● 21 ●

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*											
L5810	19W LED	●	●	●	⏚	2000	1190	●	3000	80	4,20
L5811	19W LED	●	●	●	⏚	2000	1240	●	4000	80	4,20
L5813	26W LED	●	●	●	⏚	3000	1780	●	3000	80	4,20
L5814	26W LED	●	●	●	⏚	3000	1850	●	4000	80	4,20
L5816	34W LED	●	●	●	⏚	4000	2370	●	3000	80	4,20
L5817	34W LED	●	●	●	⏚	4000	2470	●	4000	80	4,20
fascio diffondente > *wide beam*											
L5820	19W LED	●	●	●	⏚	2000	1140	●	3000	80	4,20
L5821	19W LED	●	●	●	⏚	2000	1190	●	4000	80	4,20
L5823	26W LED	●	●	●	⏚	3000	1710	●	3000	80	4,20
L5824	26W LED	●	●	●	⏚	3000	1780	●	4000	80	4,20
L5826	34W LED	●	●	●	⏚	4000	2280	●	3000	80	4,20
L5827	34W LED	●	●	●	⏚	4000	2370	●	4000	80	4,20

49° 65°

LED **Driver LED incluso.** ***LED driver included.***

IP66 850°C IK08





versione a plafone > *ceiling version*

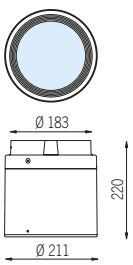
11 ○ 12 ● 16 ● 21 ●

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*											
R5810	19W LED	●	●	●	⏚	2000	1190	●	3000	80	3,80
R5811	19W LED	●	●	●	⏚	2000	1240	●	4000	80	3,80
R5813	26W LED	●	●	●	⏚	3000	1780	●	3000	80	3,80
R5814	26W LED	●	●	●	⏚	3000	1850	●	4000	80	3,80
R5816	34W LED	●	●	●	⏚	4000	2370	●	3000	80	3,80
R5817	34W LED	●	●	●	⏚	4000	2470	●	4000	80	3,80
fascio diffondente > *wide beam*											
R5820	19W LED	●	●	●	⏚	2000	1140	●	3000	80	3,80
R5821	19W LED	●	●	●	⏚	2000	1190	●	4000	80	3,80
R5823	26W LED	●	●	●	⏚	3000	1710	●	3000	80	3,80
R5824	26W LED	●	●	●	⏚	3000	1780	●	4000	80	3,80
R5826	34W LED	●	●	●	⏚	4000	2280	●	3000	80	3,80
R5827	34W LED	●	●	●	⏚	4000	2370	●	4000	80	3,80

49° 65°

LED **Driver LED incluso.** ***LED driver included.***

IP66 850°C IK08





MOTO3

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Copertura in lamiera d'acciaio verniciato.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Schermo in policarbonato trasparente stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.
Sorgente
LED con efficienza nominale sino a 127lumen/Watt (4000K - 500mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.
Installazione
installazione a plafone.
Cassetta di cablaggio in alluminio pressofuso (EN 47100).
Pressacavo M20 in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body (EN 47100).
Painted sheet steel cover.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges up to 4kV.
Reflector made of engineering plastic metalized in high-vacuum.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing clear polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-5.
Source
Nominal LED efficacy up to 127lumen/Watt (4000K - 500mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.
Installation
Ceiling installation.
Die-cast aluminium control gear box (EN 47100).
M20 engineering plastic cable gland.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.



disponibile a richiesta > *available on request*



Disponibile a richiesta versioni con cornice in alluminio pressofuso e vetro a filo.

Available on request, versions with die-cast trim and flush screen.

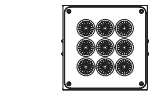
IP66 IK10

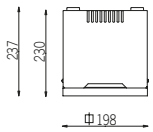


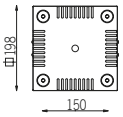
versione 1x > *1x version*

11 ○ 12 ● 16 ● 21 ●

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*										
9° L6200	1x **54W LED**				1x 6250	1x 4700		3000	70	4,50
L6201	1x **54W LED**				1x 6600	1x 4950		4000	70	4,50
L6202	1x **54W LED**				1x 6600	1x 4950		5000	70	4,50
fascio medio > *medium beam*										
42° L6203	1x **54W LED**				1x 6250	1x 4450		3000	70	4,50
L6204	1x **54W LED**				1x 6600	1x 4700		4000	70	4,50
L6205	1x **54W LED**				1x 6600	1x 4700		5000	70	4,50
fascio diffondente > *wide beam*										
67° L6206	1x **54W LED**				1x 6250	1x 4100		3000	70	4,50
L6207	1x **54W LED**				1x 6600	1x 4350		4000	70	4,50
L6208	1x **54W LED**				1x 6600	1x 4350		5000	70	4,50
fascio molto diffondente > *ultra wide beam*										
103° L6210	1x **54W LED**				1x 6250	1x 4700		3000	70	4,50
L6211	1x **54W LED**				1x 6600	1x 4950		4000	70	4,50
L6212	1x **54W LED**				1x 6600	1x 4950		5000	70	4,50
fascio asimmetrico > *asymmetrical beam*										
Imax = 45° L6213	1x **54W LED**				1x 6250	1x 4200		3000	70	4,50
L6214	1x **54W LED**				1x 6600	1x 4450		4000	70	4,50
L6215	1x **54W LED**				1x 6600	1x 4450		5000	70	4,50







LED

Driver LED incluso.
LED driver included.

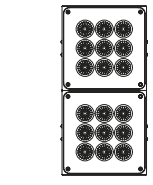
IP65 IK09

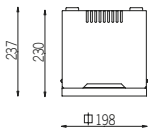


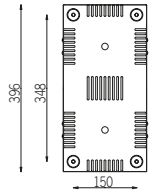
versione 2x > *2x version*

11 ○ 12 ● 16 ● 21 ●

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*										
9° L6230	2x **54W LED**				2x 6250	2x 4700		3000	70	9,00
L6231	2x **54W LED**				2x 6600	2x 4950		4000	70	9,00
L6232	2x **54W LED**				2x 6600	2x 4950		5000	70	9,00
fascio medio > *medium beam*										
42° L6233	2x **54W LED**				2x 6250	2x 4450		3000	70	9,00
L6234	2x **54W LED**				2x 6600	2x 4700		4000	70	9,00
L6235	2x **54W LED**				2x 6600	2x 4700		5000	70	9,00
fascio diffondente > *wide beam*										
67° L6236	2x **54W LED**				2x 6250	2x 4100		3000	70	9,00
L6237	2x **54W LED**				2x 6600	2x 4350		4000	70	9,00
L6238	2x **54W LED**				2x 6600	2x 4350		5000	70	9,00
fascio molto diffondente > *ultra wide beam*										
103° L6240	2x **54W LED**				2x 6250	2x 4700		3000	70	9,00
L6241	2x **54W LED**				2x 6600	2x 4950		4000	70	9,00
L6242	2x **54W LED**				2x 6600	2x 4950		5000	70	9,00
fascio asimmetrico > *asymmetrical beam*										
Imax = 45° L6243	2x **54W LED**				2x 5850	2x 4200		3000	70	9,00
L6244	2x **54W LED**				2x 6250	2x 4450		4000	70	9,00
L6245	2x **54W LED**				2x 6250	2x 4450		5000	70	9,00







LED

Driver LED incluso.
LED driver included.

IP65 IK09



NADIR

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Vano alimentazione in alluminio estruso.
Testate in alluminio pressofuso.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio su piastra asportabile in acciaio zincato.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Per versioni RGB: lenti in PMMA di qualità ottica con alta resistenza a radiazioni UV e temperature elevate.
Schermo in policarbonato trasparente stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Gonio graduato per puntamento.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
LED con efficienza nominale sino a 109lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.

Installazione
Staffa di sostegno in acciaio zincato e verniciato.
Fornito completo di cavo con connettore presa-spina IP66 con ghiera di bloccaggio per cavi da 9 a 12mm.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body (EN 47100).
Control gear compartment made of die-cast aluminium.
Die-cast aluminium caps.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Wiring on removable galvanized steel tray.
Driver protected against voltage surges up to 4kV.
Reflector made of engineering plastic metalized in high-vacuum.
For RGB versions: lenses are manufactured with optical grade PMMA with high resistance to UV and high temperatures.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing clear polycarbonate screen.
Goniometer scale to aim light.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Nominal LED efficacy up to 109lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.

Installation
Galvanized and painted steel support bracket.
Supplied with power cable ended by IP66 socket-plug connector with locking ring for cables of diameter 9-12mm.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

disponibile a richiesta > *available on request*



Disponibile a richiesta versioni con cornice in alluminio pressofuso e vetro a filo.

Available on request, versions with die-cast trim and flush screen.

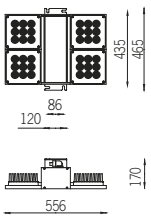
IP66 IK10



installazione a plafone • 4 apparecchi > *ceiling mounting • 4 light fittings*

16 21

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*										
20° L6500	288W LED	●	●	⏚	30500	22000	●	3000	70	17,00
L6501	288W LED	●	●	⏚	32600	23500	●	4000	70	17,00
L6502	288W LED	●	●	⏚	32600	23500	●	5000	70	17,00
fascio medio > *medium beam*										
42° L6503	288W LED	●	●	⏚	30500	21500	●	3000	70	17,00
L6504	288W LED	●	●	⏚	32600	23000	●	4000	70	17,00
L6505	288W LED	●	●	⏚	32600	23000	●	5000	70	17,00
fascio diffondente > *wide beam*										
67° L6506	288W LED	●	●	⏚	30500	19000	●	3000	70	17,00
L6507	288W LED	●	●	⏚	32600	21000	●	4000	70	17,00
L6508	288W LED	●	●	⏚	32600	21000	●	5000	70	17,00
fascio molto diffondente > *ultra wide beam*										
103° L6510	288W LED	●	●	⏚	30500	20700	●	3000	70	17,00
L6511	288W LED	●	●	⏚	32600	22100	●	4000	70	17,00
L6512	288W LED	●	●	⏚	32600	22100	●	5000	70	17,00



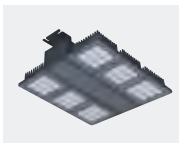
LED

Driver LED incluso.
LED driver included.

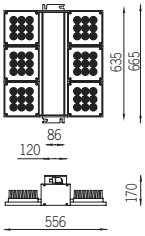
IP65 IK09

installazione a plafone • 6 apparecchi > *ceiling mounting • 6 light fittings*

16 21



Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*										
20°	**L6520**	**432W LED**	●	●	45500	33000	●	3000	70	21,70
	L6521	**432W LED**	●	●	49000	35500	●	4000	70	21,70
	L6522	**432W LED**	●	●	49000	35500	●	5000	70	21,70
fascio medio > *medium beam*										
42°	**L6523**	**432W LED**	●	●	45500	32000	●	3000	70	21,70
	L6524	**432W LED**	●	●	49000	34000	●	4000	70	21,70
	L6525	**432W LED**	●	●	49000	34000	●	5000	70	21,70
fascio diffondente > *wide beam*										
67°	**L6526**	**432W LED**	●	●	45500	29000	●	3000	70	21,70
	L6527	**432W LED**	●	●	49000	31000	●	4000	70	21,70
	L6528	**432W LED**	●	●	49000	31000	●	5000	70	21,70
fascio molto diffondente > *ultra wide beam*										
103°	**L6530**	**432W LED**	●	●	45500	31000	●	3000	70	21,70
	L6531	**432W LED**	●	●	49000	33200	●	4000	70	21,70
	L6532	**432W LED**	●	●	49000	33200	●	5000	70	21,70



LED

Driver LED incluso.
LED driver included.

IP65 IK09

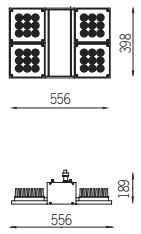
installazione a sospensione • 4 apparecchi > *suspended-mount • 4 light fittings*

16 21



Apparecchio completo di attacco con golfare; catena non inclusa.
Supplied with eyenut fixation point; suspension chain not included.

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*										
20°	**L6000**	**288W LED**	●	●	30500	22000	●	3000	70	17,00
	L6001	**288W LED**	●	●	32600	23500	●	4000	70	17,00
	L6002	**288W LED**	●	●	32600	23500	●	5000	70	17,00
fascio medio > *medium beam*										
42°	**L6003**	**288W LED**	●	●	30500	21500	●	3000	70	17,00
	L6004	**288W LED**	●	●	32600	23000	●	4000	70	17,00
	L6005	**288W LED**	●	●	32600	23000	●	5000	70	17,00
fascio diffondente > *wide beam*										
67°	**L6006**	**288W LED**	●	●	30500	19000	●	3000	70	17,00
	L6007	**288W LED**	●	●	32600	21000	●	4000	70	17,00
	L6008	**288W LED**	●	●	32600	21000	●	5000	70	17,00
fascio molto diffondente > *ultra wide beam*										
103°	**L6010**	**288W LED**	●	●	30500	20700	●	3000	70	17,00
	L6011	**288W LED**	●	●	32600	22100	●	4000	70	17,00
	L6012	**288W LED**	●	●	32600	22100	●	5000	70	17,00



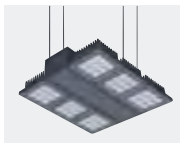
LED

Driver LED incluso.
LED driver included.

IP65 IK09

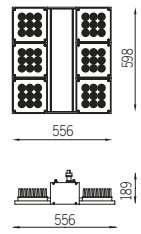
installazione a sospensione • 6 apparecchi > *suspended-mount • 6 light fittings*

16 21



Apparecchio completo di attacco con golfare; catena non inclusa.
Supplied with eyenut fixation point; suspension chain not included.

Code	WATT	CEI	DALI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*										
20°	**L6020**	**432W LED**	●	●	45500	33000	●	3000	70	21,70
	L6021	**432W LED**	●	●	49000	35500	●	4000	70	21,70
	L6022	**432W LED**	●	●	49000	35500	●	5000	70	21,70
fascio medio > *medium beam*										
42°	**L6023**	**432W LED**	●	●	45500	32000	●	3000	70	21,70
	L6024	**432W LED**	●	●	49000	34000	●	4000	70	21,70
	L6025	**432W LED**	●	●	49000	34000	●	5000	70	21,70
fascio diffondente > *wide beam*										
67°	**L6026**	**432W LED**	●	●	45500	29000	●	3000	70	21,70
	L6027	**432W LED**	●	●	49000	31000	●	4000	70	21,70
	L6028	**432W LED**	●	●	49000	31000	●	5000	70	21,70
fascio molto diffondente > *ultra wide beam*										
103°	**L6030**	**432W LED**	●	●	45500	31000	●	3000	70	21,70
	L6031	**432W LED**	●	●	49000	33200	●	4000	70	21,70
	L6032	**432W LED**	●	●	49000	33200	●	5000	70	21,70



LED

Driver LED incluso.
LED driver included.

IP65 IK09

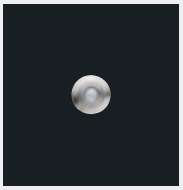
APPARECCHI A PARETE
WALL-MOUNTED LUMINAIRES



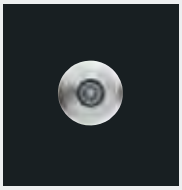
208
NAPO



210
TULA



211
KLEIN25



212
KLEIN55



214
THUNDER65



32
RIGO30
A PARETE
WALL MOUNTING



52
RIGO50
A PARETE
WALL MOUNTING



63
RIGO GCO50
A PARETE
WALL MOUNTING



65
RIGO GCO50
A PARETE
ORIENTABILE
ADJUSTABLE WALL MOUNTING



NAPO

Apparecchio
Corpo in alluminio satinato o verniciato.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Guarnizioni in gomma siliconica.
Schermo in PMMA opale.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione ad incasso.
Pressacavo M16 in tecnopolimero.
Completo di controcassa in tecnopolimero (07299).
Fornito completo di cavo d'alimentazione (3m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Per installazione su pareti in cartongesso, legno o metallo con spessore da 1 a 20mm utilizzare gli apparecchi ad incasso ad alta protezione, vedi pag. 220

Luminaire
Brushed or painted aluminium body.
Polyester powder paint resistant to UV rays.
Silicone rubber gaskets.
Opal PMMA screen.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Installation
Recessed installation.
M16 engineering plastic cable gland.
Supplied with recessed installation box made of engineering plastic (07299).
Supplied with power cable (3m).

These fittings are suitable for the modern control systems. For the various possibilities, please see ection "Controlling the light".
For installation on plasterboard, wood or metal plates use high protection degree recessed fixtures, see p. 220

Accessori, vedi pag. 209.
Accessories, see page 209.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

bordo a filo parete > *counter-ring flush with wall*

11 ○



Completo di controcassa in tecnopolimero (07299).
Supplied with recessed installation box made of engineering plastic (07299).

fascio diffondente > *wide beam*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7300	0,7W LED - 230Vac	○	⏚	●	●	●	2700	80	0,27
Q7301	0,7W LED - 230Vac	○	⏚	●	●	●	3000	80	0,27
Q7302	0,7W LED - 230Vac	○	⏚	●	●	●	4000	80	0,27
Q7303	0,7W LED - 230Vac	○	⏚	●	●	●	5000	80	0,27

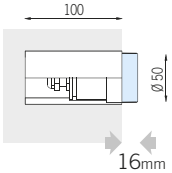
80°

LED 230Vac

Non necessitano di driver LED.
Driver LED not needed.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP66 IK07



con cornice > *with ring*

11 ○ 33 ●



Completo di controcassa in tecnopolimero (07299).
Supplied with recessed installation box made of engineering plastic (07299).

fascio diffondente > *wide beam*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7320	0,7W LED - 230Vac	○	⏚	●	●	●	2700	80	0,30
Q7320-33	0,7W LED - 230Vac	○	⏚	●	●	●	2700	80	0,30
Q7321	0,7W LED - 230Vac	○	⏚	●	●	●	3000	80	0,30
Q7321-33	0,7W LED - 230Vac	○	⏚	●	●	●	3000	80	0,30
Q7322	0,7W LED - 230Vac	○	⏚	●	●	●	4000	80	0,30
Q7322-33	0,7W LED - 230Vac	○	⏚	●	●	●	4000	80	0,30
Q7323	0,7W LED - 230Vac	○	⏚	●	●	●	5000	80	0,30
Q7323-33	0,7W LED - 230Vac	○	⏚	●	●	●	4000	80	0,30

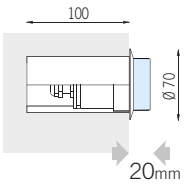
80°

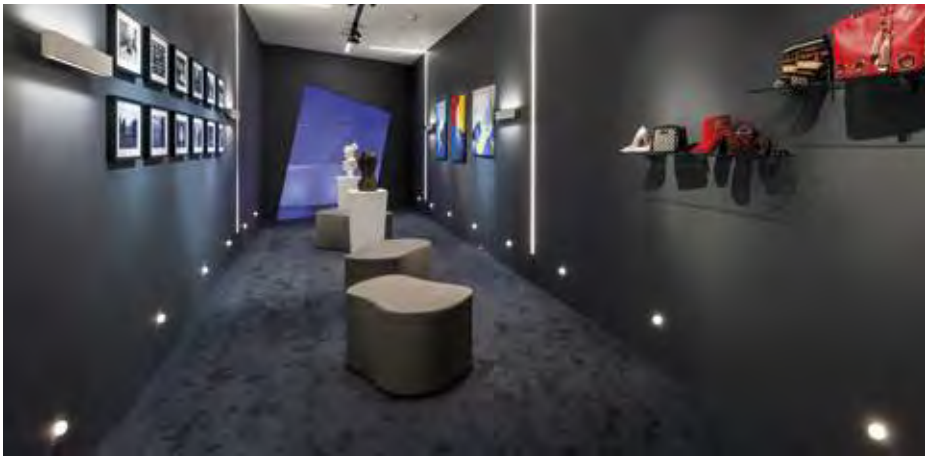
LED 230Vac

Non necessitano di driver.
Does not need any driver.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP66 IK07





bordo a filo parete > *counter-ring flush with wall*

11

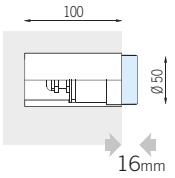


Completo di controcassa in tecnopolimero (07299).
Supplied with recessed installation box made of engineering plastic (07299).

fascio diffondente > *wide beam*



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7310	**0,7W LED**	○	⏚	●	●	●	2700	80	0,27
Q7311	**0,7W LED**	○	⏚	●	●	●	3000	80	0,27
Q7312	**0,7W LED**	○	⏚	●	●	●	4000	80	0,27
Q7313	**0,7W LED**	○	⏚	●	●	●	5000	80	0,27



LED 24Volt

Driver LED da ordinare separatamente, vedi pag.209.
LED driver to be ordered separately, see page 209.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP66 IK07

con cornice > *with ring*

11 33

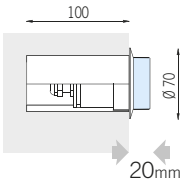


Completo di controcassa in tecnopolimero (07299).
Supplied with recessed installation box made of engineering plastic (07299).

fascio diffondente > *wide beam*



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7330	**0,7W LED**	○	⏚	●	●	●	2700	80	0,30
Q7330-33	**0,7W LED**	○	⏚	●	●	●	2700	80	0,30
Q7331	**0,7W LED**	○	⏚	●	●	●	3000	80	0,30
Q7331-33	**0,7W LED**	○	⏚	●	●	●	3000	80	0,30
Q7332	**0,7W LED**	○	⏚	●	●	●	4000	80	0,30
Q7332-33	**0,7W LED**	○	⏚	●	●	●	4000	80	0,30
Q7333	**0,7W LED**	○	⏚	●	●	●	5000	80	0,30
Q7333-33	**0,7W LED**	○	⏚	●	●	●	5000	80	0,30



LED 24Volt

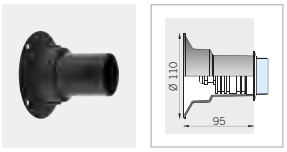
Driver LED da ordinare separatamente, vedi pag. 209.
LED driver to be ordered separately, see page 209.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP66 IK07

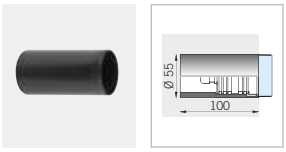
accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa.
L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di cassetta (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance.
The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
07293	●	0,08

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.



Code		Kg
07299	●	0,06

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.

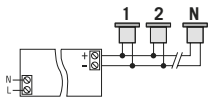
driver LED a tensione costante: 24 Volt > *constant voltage LED driver: 24 Volt*

Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*							
			Q7310	**Q7311**	**Q7312**	**Q7313**	**Q7330**	**Q7331**	**Q7332**	**Q7333**
DRIVER IP20										
07950 CEI	24 Volt	8	10	10	10	10	10	10	10	10
07952 CEI	24 Volt	16	20	20	20	20	20	20	20	20
07952 DALI	24 Volt	16	20	20	20	20	20	20	20	20
07952 DIMM	24 Volt	20	25	25	25	25	25	25	25	25

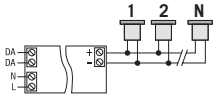
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



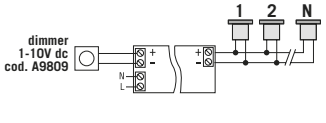
Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07950 CEI	24	8	●			0,11
07952 CEI	24	16	●			0,11



Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DALI	24	16		●		0,11



Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DIMM	24	20			●	0,11





TULA

Apparecchio
Corpo in alluminio pressofuso.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Schermo in policarbonato opale.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 142lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.

Installazione
Installazione a parete.
Passacavo stagno per entrata singola del cavo di alimentazione.

Altri colori LED disponibili su richiesta.

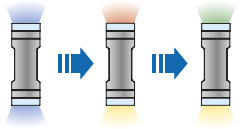
Luminaire
Die-cast aluminium body.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Opal polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 142lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.

Installation
Wall mounted.
Waterproof grommet for single cable entry.

Different LED colours available upon request.

A richiesta apparecchi con LED a colori misti.
Fittings with different colours LED on request.





Vetro per versione con fascio ellittico 7°x66°.
Glass for 7°x66° elliptical narrow beam.



Schermo a filo per evitare l'accumulo di polvere.
Flush smooth screen to avoid dust on the surface.

unidirezionale > *one-way illumination*

11 ○ 31 ●



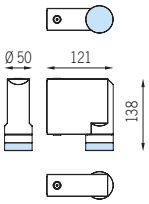
Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente > *wide beam*										
P7210-11	4W LED	●	⏚	520	200	●		3000	70	0,70
P7210-31	4W LED	●	⏚	520	200	●		3000	70	0,70
P7211-11	4W LED	●	⏚	560	210	●		4000	70	0,70
P7211-31	4W LED	●	⏚	560	210	●		4000	70	0,70
P7212-11	4W LED	●	⏚	560	210	●		5000	70	0,70
P7212-31	4W LED	●	⏚	560	210	●		5000	70	0,70

80°

LED

Driver LED incluso.
LED driver included.

IP66 IK07



bidirezionale > *two-way illumination*

11 ○



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante ellittico + fascio diffondente > *elliptical narrow beam + wide beam*										
P7250	4W + 3W LED	●	⏚	520+360	200+80	●		3000	70+80	0,81
P7251	4W + 3W LED	●	⏚	560+390	210+90	●		4000	70+80	0,81
P7252	4W + 3W LED	●	⏚	560+390	210+90	●		5000	70+80	0,81
fascio concentrante ellittico + fascio diffondente > *elliptical narrow beam + wide beam*										
P7256	4W + 3W LED	●	⏚	520+360	200+80	●		3000	70+80	0,81
P7257	4W + 3W LED	●	⏚	560+390	210+90	●		4000	70+80	0,81
P7258	4W + 3W LED	●	⏚	560-390	210+90	●		5000	70+80	0,81

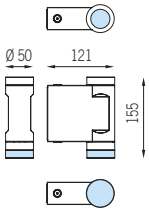
7° x 66° / 15° x 68°

80°

LED

Driver LED incluso.
LED driver included.

IP66 IK07



bidirezionale > *two-way illumination*

11 ○



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente > *wide beam*										
P7253	4W + 4W LED	●	⏚	2x 520	2x 200	●		3000	70	0,80
P7254	4W + 4W LED	●	⏚	2x 560	2x 210	●		4000	70	0,80
P7255	4W + 4W LED	●	⏚	2x 560	2x 210	●		5000	70	0,80

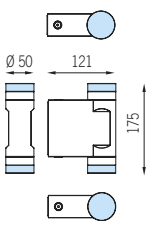
80°

80°

LED

Driver LED incluso.
LED driver included.

IP66 IK07



KLEIN25





Completo di controcassa da incasso in materiale termoplastico da alta resistenza meccanica (07298).
Complete with thermoplastic material with high mechanical resistance recessed installation box (07298).

Apparecchio
Corpo e cornice in alluminio satinato.
Guarnizioni in gomma siliconica.
Schermo in PMMA trasparente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 131lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Serracavo per entrata singola dei cavi d'alimentazione.
Fornito completo di cavo d'alimentazione (2m).
Completo di controcassa in tecnopolimero (07298)

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Brushed aluminium body and trim.
Silicone rubber gaskets.
Clear PMMA screen.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 131lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Cable clamp for single cable entry
Supplied with power cable (2m).
Supplied with recessed installation box made of engineering plastic (07298)

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

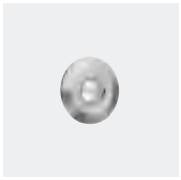
Accessori, vedi pag. 211-213.
Accessories, see page 211-213.

PER INSTALLAZIONI SU PARETI IN CARTONGESSO, LEGNO O METALLO CON SPESSORE DA 5 A 20mm UTILIZZARE GLI APPARECCHI SERIE KLEIN, VEDI PAGINA 182.
FOR INSTALLATION ON PLASTERBOARD, WOOD OR METAL (THICKNESS 1-20mm). USE KLEIN SERIES, SEE PAG 182.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

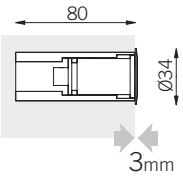
Controcassa in tecnopolimero. > *Recessed installation box made of engineering plastic.*

11 ○ 33 ●



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
K7010	**1W LED**	●		●	●	●	3000	80	0,12
K7011	**1W LED**	●		●	●	●	4000	80	0,12
K7012	**1W LED**	●		●	●	●	5000	80	0,12
fascio ellittico > *elliptical beam*									
K7016	**1W LED**	●		●	●	●	3000	80	0,12
K7017	**1W LED**	●		●	●	●	4000	80	0,12
K7018	**1W LED**	●		●	●	●	5000	80	0,12





LED 350mA

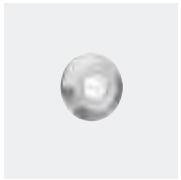
Driver LED da ordinare separatamente, vedi pag. 213.
LED driver to be ordered separately, see page 213.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP20 IP54 IK10

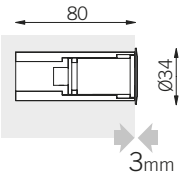
schermo opale > *opal screen*

11 ○ 33 ●



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*									
K7025	**1W LED**	●		●	●	●	3000	80	0,12
K7026	**1W LED**	●		●	●	●	4000	80	0,12
K7027	**1W LED**	●		●	●	●	5000	80	0,12





LED 350mA

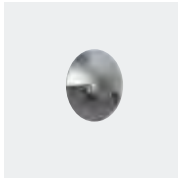
Driver LED da ordinare separatamente, vedi pag. 213.
LED driver to be ordered separately, see page 213.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

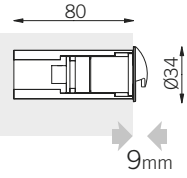
IP20 IP54 IK10

unidirezionale > *one-way illumination*

11 ○ 33 ●



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio asimmetrico > *asymmetrical beam*									
K7070	**2W LED**	●		220	25	●	3000	80	0,37
K7071	**2W LED**	●		240	30	●	4000	80	0,37
K7072	**2W LED**	●		240	30	●	5000	80	0,37



LED 700mA

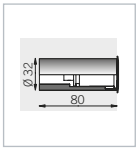
Driver LED da ordinare separatamente, vedi pag. 213.
LED driver to be ordered separately, see page 213.

IP20 IP54 IK10

accessori KLEIN 25 > *KLEIN 25 accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da incasso.
L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance.
The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).

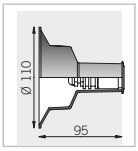




Code		Kg
07298	●	0,02

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.





Code		Kg
07290	●	0,06

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.

KLEIN55



Completo di controcassa da incasso in materiale termoplastico da alta resistenza meccanica (07299).
Complete with thermoplastic material with high mechanical resistance recessed installation box (07299).

Apparecchio
Corpo e cornice in alluminio satinato.
Guarnizioni in gomma siliconica.
Schermo in vetro temperato resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
LED con efficienza nominale sino a 142lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Installazione
Installazione ad incasso.
Serracavo per entrata singola dei cavi d'alimentazione.
Fornito completo di cavo d'alimentazione (2m).
Completo di controcassa in tecnopolimero (07299)

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Brushed aluminium body and trim.
Silicone rubber gaskets.
Thermal-shock resistant tempered safety glass.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
Nominal LED efficacy up to 142lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
Installation
Recessed installation.
Cable clamp for single cable entry
Supplied with power cable (2m).
Supplied with recessed installation box made of engineering plastic (07299)

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 212-213.
Accessories, see page 212-213.

PER INSTALLAZIONI SU PARETI IN CARTONGESSO, LEGNO O METALLO CON SPESSORE DA 5 A 20mm UTILIZZARE GLI APPARECCHI SERIE KLEIN, VEDI PAGINA 182.
FOR INSTALLATION ON PLASTERBOARD, WOOD OR METAL (THICKNESS 1-20mm), USE KLEIN SERIES, SEE PAG 182.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

schermo trasparente > *transparent screen*

11 ○ 33 ●



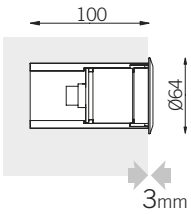
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
K7040	**4W LED**	●		520	370	●	3000	70	0,22
K7041	**4W LED**	●		560	390	●	4000	70	0,22
K7042	**4W LED**	●		560	390	●	5000	70	0.22
fascio ellittico > *elliptical beam*									
K7046	**4W LED**	●		520	340	●	3000	70	0,22
K7047	**4W LED**	●		560	370	●	4000	70	0,22
K7048	**4W LED**	●		560	370	●	5000	70	0,22

25° 43° x 26°

LED 350mA

Driver LED da ordinare separatamente, vedi pag. 213.
LED driver to be ordered separately, see page 213.

IP20 IP54 IK08



schermo opale > *opal screen*

11 ○ 33 ●



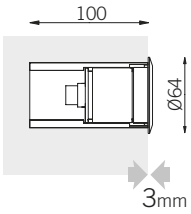
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*									
K7050	**4W LED**	●		520	230	●	3000	70	0,22
K7051	**4W LED**	●		560	250	●	4000	70	0,22
K7052	**4W LED**	●		560	250	●	5000	70	0.22

113°

LED 350mA

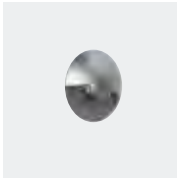
Driver LED da ordinare separatamente, vedi pag. 213.
LED driver to be ordered separately, see page 213.

IP20 IP54 IK08



unidirezionale > *one-way illumination*

11 ○ 33 ●



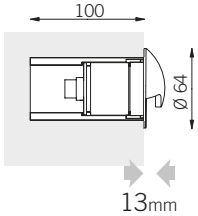
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio asimmetrico > *asymmetrical beam*									
K7060	**4W LED**	●		520	65	●	3000	70	0,64
K7061	**4W LED**	●		560	70	●	4000	70	0,64
K7062	**4W LED**	●		560	70	●	5000	70	0,64



LED 700mA

Driver LED da ordinare separatamente, vedi pag. 213.
LED driver to be ordered separately, see page 213.

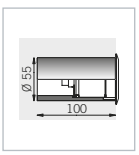
IP20 IP54 IK10



accessori KLEIN 55 > *KLEIN 55 accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da incasso.
L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance.
The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).

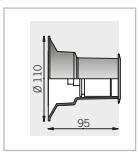




Code		Kg
07299	●	0,06

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.





Code		Kg
07293	●	0,08

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.

driver LED a corrente costante: 350mA e 700mA > *constant current LED driver: 350mA and 700mA*

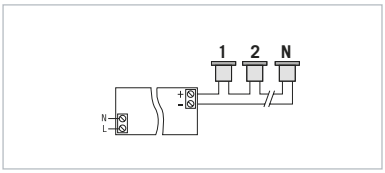
Numero massimo di apparecchi collegabili.
Maximum number of fittings which can be connected.

Code	mA	WATT	KLEIN 25			KLEIN 25			KLEIN 55					
			K7010	K7011	K7012	K7070	K7071	K7072	K7040	K7041	K7042	K7043	K7044	K7045
			K7016	K7017	K7018				K7046	K7047	K7048	K7050	K7051	K7052
			K7025	K7026	K7027				K7060	K7061	K7062			
DRIVER IP20														
H7951 CEI	350	20	18	18	18				4	4	4	4	4	4
H7954 CEI	350	25	23	23	23				5	5	5	5	5	5
H7952 DALI	350	15	13	13	13				3	3	3	3	3	3
H7955 DALI	350	40	36	36	36				9	9	9	9	9	9
H7952 DIMM	350	15	13	13	13				3	3	3	3	3	3
H7955 DIMM	350	40	36	36	36				9	9	9	9	9	9
H7958 CEI	700	16				6	6	6						
H7954 CEI	700	50				18	18	18						
H7952 DALI	700	32				12	12	12						
H7954 DALI	700	50				18	18	18						
H7952 DIMM	700	25				8	8	8						
H7954 DIMM	700	50				18	18	18						

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

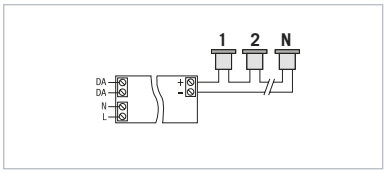


Code	mA	WATT	CEI	Kg
DRIVER IP20				
H7951 CEI	350	20	●	0,11
H7954 CEI	350-700	25-50	●	0,15
H7958 CEI	700	16	●	0,11





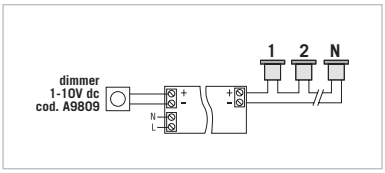
Code	mA	WATT	DALI	Kg
DRIVER IP20				
H7952 DALI	350-700	15-32	●	0,13
H7954 DALI	700	50	●	0,15
H7955 DALI	350	40	●	0,15



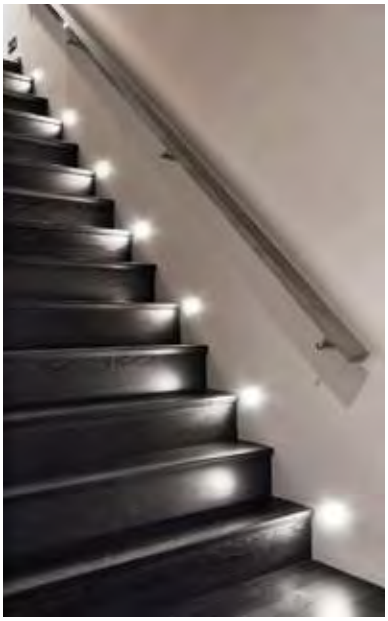
Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

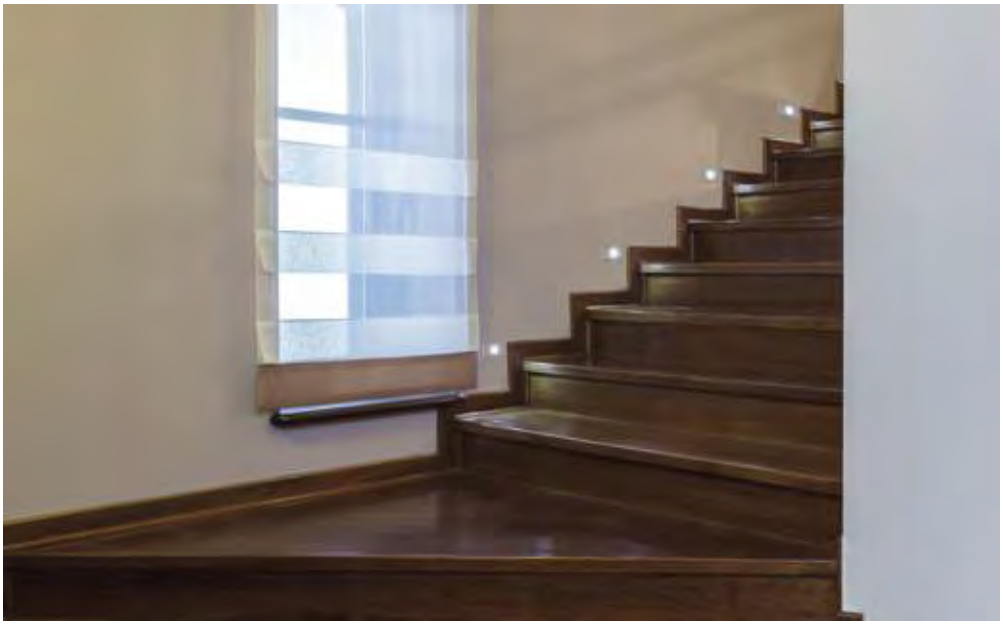


Code	mA	WATT	DIMM	Kg
DRIVER IP20				
H7952 DIMM	350-700	15-25	●	0,11
H7954 DIMM	700	50	●	0,15
H7955 DIMM	350	40	●	0,21



Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.







THUNDER65

Apparecchio
Corpo in tecnopolimero rinforzato in fibra di vetro, infrangibile.
Cornice in alluminio pressofuso o acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Schermo in policarbonato opale stabilizzato ai raggi UV.
Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione ad incasso.
Passacavo stagno per entrata singola del cavo di alimentazione.
Fornito completo di cavo d'alimentazione (3m).
Completo di controcassa in tecnopolimero.

Altri colori LED disponibili su richiesta.

Luminaire
Shatterproof body made of fiber glass reinforced engineeringplastic.
Die-cast aluminium or AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
UV rays stabilized, 850°C glow wire test resistant, V0 selfextinguishing opal polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Installation
Recessed installation.
Waterproof grommet for single cable entry.
Supplied with power cable (3m).
Recessed installation box made of engineering plastic.

Different LED colours available upon request.

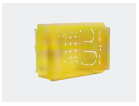
cornice in alluminio pressofuso > *die-cast aluminium frame* — 11 ○ 16 ● 21 ● 23 ● 33 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*									
Q8001-XX *	**0,7W LED**	○		●	●	●	3000	80	0,17
Q8001-33 *	**0,7W LED**	○		●	●	●	3000	80	0,17
Q8002-XX *	**0,7W LED**	○		●	●	●	4000	80	0,17
Q8002-33 *	**0,7W LED**	○		●	●	●	4000	80	0,17
Q7530-XX	**0,7W LED - 230Vac**	○		●	●	●	3000	80	0,17
Q7530-33	**0,7W LED - 230Vac**	○		●	●	●	3000	80	0,17
Q7531-XX	**0,7W LED - 230Vac**	○		●	●	●	4000	80	0,17
Q7531-33	**0,7W LED - 230Vac**	○		●	●	●	4000	80	0,17


114°


Controcassa da ordinare a parte (Q7799).
Recessed installation box to be ordered separately (Q7799).

Code		Kg
Q7799	**on request**	0,03

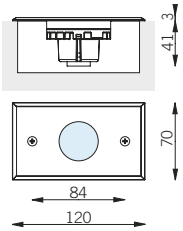


LED 24Vdc — LED 230Vac

* **Driver LED da ordinare separatamente, vedi pag. 214.**
LED driver to be ordered separately, see page 214.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP54 — F — IK07



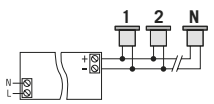
driver LED a tensione costante: 24 Volt > *constant voltage LED driver: 24 Volt*

Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.* Q8001	Q8002
DRIVER IP20				
07950 CEI	24 Volt	8	10	10
07952 CEI	24 Volt	16	20	20
07952 DALI	24 Volt	16	20	20
07952 DIMM	24 Volt	20	25	25

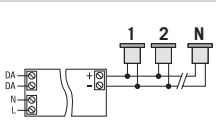
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



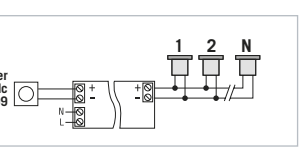
Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07950 CEI	24	8	●			0,11
07952 CEI	24	16	●			0,11



Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DALI	24	16		●		0,11



Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DIMM	24	20			●	0,11



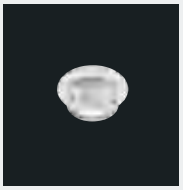
INCASSI ALTA PROTEZIONE
HIGH PROTECTION DEGREE RECESSED LUMINAIRES



216
NADIR-IN



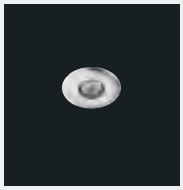
218
RAYLINEA



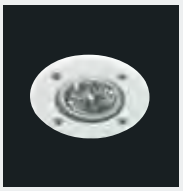
220
NAPO



222
RAY25



223
RAY55



224
RAYSHORT 110



226
RAY110



228
RAYSHORT 180



NADIR-IN

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
Driver protetto alle sovra-tensioni di rete.
Riflettori in policarbonato metallizzato ad alto vuoto.
Per versioni RGB: lenti in PMMA di qualità ottica con alta resistenza a radiazioni UV e temperature elevate.
Schermo in policarbonato trasparente stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 127lumen/Watt (4000K - 500mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.

Installazione
Installazione ad incasso.
Cassetta di cablaggio in alluminio pressofuso (EN 47100).
Fissaggio tramite staffe in acciaio zincato.
Fornito completo di cavo con connettore presa-spina IP66 con ghiera di bloccaggio per cavi da 9 a 12mm (0,7m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
Apparecchi installabili anche su pareti in cartongesso, legno o metallo con spessore da 1mm a 20mm.

Luminaire
Die-cast aluminium body (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Driver protected against voltage surges.
Reflector made of engineering plastic metalized in high-vacuum.
For RGB versions: lenses are manufactured with optical grade PMMA with high resistance to UV and high temperatures.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing clear polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 127lumen/Watt (4000K - 500mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.

Installation
Recessed installation.
Die-cast aluminium control gear box (EN 47100).
Galvanized steel brackets.
Supplied with power cable ended by IP66 socket-plug connector with locking ring for cables of diameter 9-12mm (0,7m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
Fixtures suitable for installation on plasterboard, wood or metal ceilings of thickness ranging between 1mm and 20mm.

Accessori, vedi pag. 217.
Accessories, see page 217.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

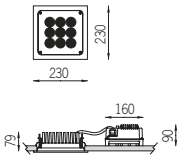


con schermo trasparente > *with clear screen*

11 ○ 16 ● 21 ●

Code	WATT	DALI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*										
H3000	**54W LED**	●			5850	4300	●	3000	70	5,50
H3001	**54W LED**	●			6250	4600	●	4000	70	5,50
H3002	**54W LED**	●			6250	4600	●	5000	70	5,50
fascio medio > *medium beam*										
H3003	**54W LED**	●			5850	4100	●	3000	70	5,50
H3004	**54W LED**	●			6250	4400	●	4000	70	5,50
H3005	**54W LED**	●			6250	4400	●	5000	70	5,50
Z7362	**31,5W LED**		●				●			5,50
fascio diffondente > *wide beam*										
H3006	**54W LED**	●			5850	3700	●	3000	70	5,50
H3007	**54W LED**	●			6250	3950	●	4000	70	5,50
H3008	**54W LED**	●			6250	3950	●	5000	70	5,50
fascio molto diffondente > *ultra-wide beam*										
H3010	**54W LED**	●			5850	4000	●	3000	70	5,50
H3011	**54W LED**	●			6250	4250	●	4000	70	5,50
H3012	**54W LED**	●			6250	4250	●	5000	70	5,50





LED

Driver LED incluso.
LED driver included.

200mm IP65 IK09 V0

con schermo trasparente > *with clear screen*

11 ○ 16 ● 21 ●



Code	WATT	DALI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
wallwasher										
H3013	**54W LED**	●			5850	3600	●	3000	70	5,50
H3014	**54W LED**	●			6250	3750	●	4000	70	5,50
H3015	**54W LED**	●			6250	3750	●	5000	70	5,50
fascio asimmetrico > *asymmetrical beam*										
H3016	**54W LED**	●			5850	3400	●	3000	70	5,50
H3017	**54W LED**	●			6250	3650	●	4000	70	5,50
H3018	**54W LED**	●			6250	3650	●	5000	70	5,50

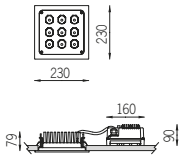
Imax = 20°

Imax = 45°

LED

Driver LED incluso.
LED driver included.

200mm IP65 IK09 V0



con schermo opale > *with opal screen*

11 ○ 16 ● 21 ●



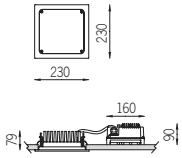
Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio molto diffondente > *ultra-wide beam*											
H3025	**25W LED**	●	●	●		3100	1600	●	3000	80	5,50
H3026	**25W LED**	●	●	●		3100	1600	●	4000	80	5,50
H3027	**25W LED**	●	●	●		3100	1600	●	5000	80	5,50

110°

LED

Driver LED incluso.
LED driver included.

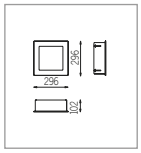
200mm IP65 IK09 V0



accessori > *accessories*

11 ○ 16 ● 21 ●

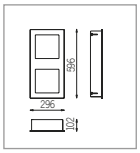




Code		Kg
H3020	●	1,40

Controcassa 1 posto per installazioni in controsoffitti.
1 slot fittings for installation in false ceiling.

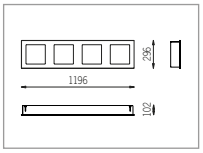




Code		Kg
H3021	●	1,90

Controcassa 2 posti per installazioni in controsoffitti.
2 slots fittings for installation in false ceiling.

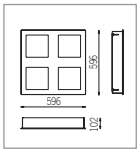




Code		Kg
H3022	●	4,60

Controcassa 4 posti per installazioni in controsoffitti.
4 slots fittings for installation in false ceiling.





Code		Kg
H3023	●	3,50

Controcassa 2+2 posti per installazioni in controsoffitti.
2+2 slots fittings for installation in false ceiling.

accessori > *accessories*



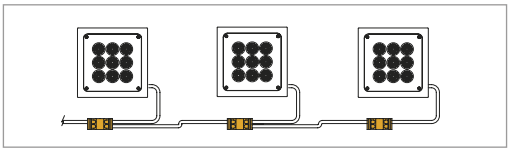
Code		Kg
H3029	●	0,10

Fune per sospendere la cassetta d'alimentazione.
Suspension wire for gearbox.

DMX

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".





Code		Kg
07932	●	0,05

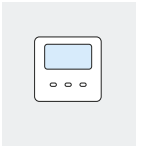
Scatola di connessione IP68.
Junction box IP68.



Code		Kg
Z7790-23	on request	0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.



Code		Kg
Z7790-21	●	0,75

DMX Controller

La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).





RAYLINEA

Apparecchio
Corpo in alluminio estruso.
Testate in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 3 ore.
A richiesta cablaggio emergenza con autotest.
Lenti LED in PMMA.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 8mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 110lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro la rottura del singolo LED.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Doppio pressacavo M16 per collegamento in cascata.
Fissaggio tramite staffe in acciaio zincato.
Fornito completo di cavo d'alimentazione (0,7m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
Apparecchi installabili anche su pareti in cartongesso, legno o metallo con spessore da 1mm a 20mm.

Luminaire
Extruded aluminium body.
Die-cast aluminium caps (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Available on request: equipment wired for emergency lamp always lit - 3 hours autonomy.
Available on request: emergency wiring with autotest.
PMMA lenses for LEDs.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Screen made of 8mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 110lumen/Watt 4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against single LED default.
Available with conventional lamps.

Installation
Recessed installation.
Double M16 cable gland for through wiring.
Galvanized steel brackets.
Supplied with power cable (0,7m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
Fixtures suitable for installation on plasterboard, wood or metal ceilings of thickness ranging between 1mm and 20mm.

Accessori, vedi pag. 219.
Accessories, see page 219.

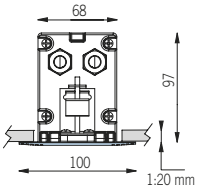
Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.





LED 11 ○ 21 ●

Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	L
fascio concentrante > *narrow beam*															
13°															
H7330	18W LED	●	●	●	●			⏚	2000	1450	●	3000	80	3,20	646
H7331	18W LED	●	●	●	●			⏚	2150	1550	●	4000	80	3,20	646
H7332	18W LED	●	●	●	●			⏚	2150	1550	●	5000	80	3,20	646
H7333	36W LED	●	●	●	●	●	●	⏚	4000	2900	●	3000	80	5,80	1246
H7334	36W LED	●	●	●	●	●	●	⏚	4300	3100	●	4000	80	5,80	1246
H7335	36W LED	●	●	●	●	●	●	⏚	4300	3100	●	5000	80	5,80	1246
fascio medio > *medium beam*															
28°															
H7350	18W LED	●	●	●	●			⏚	2000	1400	●	3000	80	3,20	646
H7351	18W LED	●	●	●	●			⏚	2150	1500	●	4000	80	3,20	646
H7352	18W LED	●	●	●	●			⏚	2150	1500	●	5000	80	3,20	646
H7353	36W LED	●	●	●	●	●	●	⏚	4000	2750	●	3000	80	5,80	1246
H7354	36W LED	●	●	●	●	●	●	⏚	4300	2950	●	4000	80	5,80	1246
H7355	36W LED	●	●	●	●	●	●	⏚	4300	2950	●	5000	80	5,80	1246
fascio diffondente > *wide beam*															
46°															
H7360	18W LED	●	●	●	●			⏚	2000	1200	●	3000	80	3,20	646
H7361	18W LED	●	●	●	●			⏚	2150	1290	●	4000	80	3,20	646
H7362	18W LED	●	●	●	●			⏚	2150	1290	●	5000	80	3,20	646
H7363	36W LED	●	●	●	●	●	●	⏚	4000	2400	●	3000	80	5,80	1246
H7364	36W LED	●	●	●	●	●	●	⏚	4300	2600	●	4000	80	5,80	1246
H7365	36W LED	●	●	●	●	●	●	⏚	4300	2600	●	5000	80	5,80	1246
fascio molto diffondente > *ultra wide beam*															
135°x140°															
H7380	18W LED	●	●	●	●			⏚	2000	1150	●	3000	80	3,20	646
H7381	18W LED	●	●	●	●			⏚	2150	1250	●	4000	80	3,20	646
H7382	18W LED	●	●	●	●			⏚	2150	1250	●	5000	80	3,20	646
H7383	36W LED	●	●	●	●	●	●	⏚	4000	2350	●	3000	80	5,80	1246
H7384	36W LED	●	●	●	●	●	●	⏚	4300	2500	●	4000	80	5,80	1246
H7385	36W LED	●	●	●	●	●	●	⏚	4300	2500	●	5000	80	5,80	1246
fascio ellittico > *elliptical beam*															
9° x 47°															
H7340	18W LED	●	●	●	●			⏚	2000	1400	●	3000	80	3,20	646
H7341	18W LED	●	●	●	●			⏚	2150	1500	●	4000	80	3,20	646
H7342	18W LED	●	●	●	●			⏚	2150	1500	●	5000	80	3,20	646
H7343	36W LED	●	●	●	●	●	●	⏚	4000	2750	●	3000	80	5,80	1246
H7344	36W LED	●	●	●	●	●	●	⏚	4300	2950	●	4000	80	5,80	1246
H7345	36W LED	●	●	●	●	●	●	⏚	4300	2950	●	5000	80	5,80	1246



Watt	
18W LED	85x640
36W LED	85x1240

LED

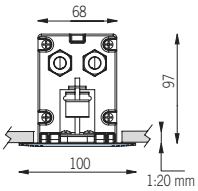
11 ○ 21 ●



wallwasher

Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	L
H7370	18W LED	●	●	●	●				2000	1200	●	3000	80	3,20	646
H7371	18W LED	●	●	●	●				2150	1290	●	4000	80	3,20	646
H7372	18W LED	●	●	●	●				2150	1290	●	5000	80	3,20	646
H7373	36W LED	●	●	●	●	●	●		4000	2400	●	3000	80	5,80	1246
H7374	36W LED	●	●	●	●	●	●		4300	2600	●	4000	80	5,80	1246
H7375	36W LED	●	●	●	●	●	●		4300	2600	●	5000	80	5,80	1246

Imax = 20°



Watt	
18W LED	85x640
36W LED	85x1240

Code	WATT	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	L
fascio medio > *medium beam*										
Z7101	20W LED RGB	●				●			3,20	646
Z7102	40W LED RGB	●				●			5,80	1246
fascio largo > *wide beam*										
Z7103	20W LED RGB	●				●			3,20	646
Z7104	40W LED RGB	●				●			5,80	1246
fascio ellittico > *elliptical beam*										
Z7105	20W LED RGB	●				●			3,20	646
Z7106	40W LED RGB	●				●			5,80	1246

30°

70°

20°x50°

Watt	
20W LED RGB	85x640
40W LED RGB	85x1240

LED

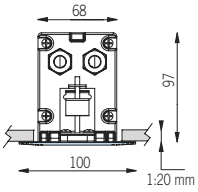
IP67 IK10

11 ○ 21 ●



Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg	L
fascio simmetrico > *symmetrical beam*														
H7300	1x 14W FD G5	●	●	●					1350	●	4000	80	2,90	646
H7302	1x 28W FD G5	●	●	●	●	●	●		2900	●	4000	80	5,45	1246
H7303	1x 35W FD G5	●	●	●	●	●	●		3650	●	4000	80	6,76	1546
H7310	1x 24W FD G5	●	●	●					1750	●	4000	80	2,90	646
H7312	1x 54W FD G5	●	●	●	●	●	●		5000	●	4000	80	5,45	1246
H7313	1x 80W FD G5	●	●	●	●	●	●		7000	●	4000	80	6,76	1546
fascio asimmetrico > *asymmetrical beam*														
H7306	1x 14W FD G5	●	●	●					1350	●	4000	80	2,90	646
H7308	1x 28W FD G5	●	●	●	●	●	●		2900	●	4000	80	5,45	1246
H7309	1x 35W FD G5	●	●	●	●	●	●		3650	●	4000	80	6,76	1546
H7316	1x 24W FD G5	●	●	●					1750	●	4000	80	2,90	646
H7318	1x 54W FD G5	●	●	●	●	●	●		5000	●	4000	80	5,45	1246
H7319	1x 80W FD G5	●	●	●	●	●	●		7000	●	4000	80	6,76	1546

Imax 24°



Watt	
1x14	85x640
1x24	85x640
1x28	85x1240
1x54	85x1240
1x35	85x1540
1x80	85x1540

G5 **FD**

IP67 IK10

accessori > *accessories*



11 ○ Bianco/*White*
13 ● Rosso/*Red*
14 ● Giallo/*Yellow*
17 ● Blu/*Blue*

L'inserimento dei filtri colorati esclude la possibilità di utilizzare le griglie frangiluce.
If coloured filters are installed, louvred lightscreens cannot be used.

14W - 24W

Code		Kg
07386-11	●	0,10
07386-13	●	0,10
07386-14	●	0,10
07386-17	●	0,10

28W - 54W

Code		Kg
07388-11	●	0,20
07388-13	●	0,20
07388-14	●	0,20
07388-17	●	0,20

35W - 80W

Code		Kg
07389-11	●	0,25
07389-13	●	0,25
07389-14	●	0,25
07389-17	●	0,25

ADATTO PER CODICI
SUITABLE FOR CODE
H7300 ÷ H7319

07928



07929

L'inserimento delle griglie frangiluce esclude la possibilità di utilizzare i filtri colorati.
If louvred lightscreens are installed, coloured filters cannot be used.

Code		Kg
07928-12	●	0,03
07929-12	●	0,03

14W 2pz - 28W 4pz - 35W 5pz
24W 2pz - 54W 4pz - 80W 5pz

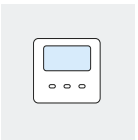
Frangiluce antiabbagliamento in tecnopolimero.
Technopolymer glare-control louvre.

ADATTO PER CODICI
SUITABLE FOR CODE
H7300 ÷ H7319



Scatola di connessione IP68.
Junction box IP68.

Code		Kg
07932	●	0,05



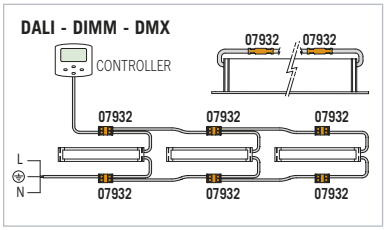
Code		Kg
Z7790-21	●	0,75

DMX Controller



Code		Kg
Z7790-23	on request	0,50

DMX Controller



DMX

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.



NAPO

Apparecchio
Corpo in alluminio satinato o verniciato.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Schermo in PMMA opale.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Pressacavo M16 in tecnopolimero.
Fissaggio con molle in acciaio inossidabile.
Fornito completo di cavo d'alimentazione (2m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Apparecchi installabili anche su pareti in cartongesso, legno o metallo con spessore da 1mm a 20mm.

Luminaire
Brushed or painted aluminium body.
Polyester powder paint resistant to UV rays.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Opal PMMA screen.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
M16 engineering plastic cable gland.
Stainless steel spring clips.
Supplied with power cable (2m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Fixtures suitable for installation on plasterboard, wood or metal ceilings of thickness ranging between 1mm and 20mm.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



con cornice > *with ring*

11 ○ 16 ● 33 ●

fascio diffondente > *wide beam*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
H2320	4W LED - 230Vac	●	⏚	●	●	●		2700	80	0,22
H2320-33	4W LED - 230Vac	●	⏚	●	●	●		2700	80	0,22
H2321	4W LED - 230Vac	●	⏚	●	●	●		3000	80	0,22
H2321-33	4W LED - 230Vac	●	⏚	●	●	●		3000	80	0,22
H2322	4W LED - 230Vac	●	⏚	●	●	●		4000	80	0,22
H2322-33	4W LED - 230Vac	●	⏚	●	●	●		4000	80	0,22
H2323	4W LED - 230Vac	●	⏚	●	●	●		5000	80	0,22
H2323-33	4W LED - 230Vac	●	⏚	●	●	●		5000	80	0,22

80°

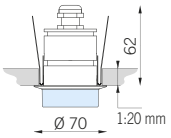
LED 230Vac

Non necessitano di driver LED.
Driver LED not needed.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

Ø60mm

IP66 IK07





con cornice > *with ring*

11 ○ 16 ● 33 ●

fascio diffondente > *wide beam*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
H2330	4W LED	●	⏚	●	●	●		2700	80	0,22
H2330-33	4W LED	●	⏚	●	●	●		2700	80	0,22
H2331	4W LED	●	⏚	●	●	●		3000	80	0,22
H2331-33	4W LED	●	⏚	●	●	●		3000	80	0,22
H2332	4W LED	●	⏚	●	●	●		4000	80	0,22
H2332-33	4W LED	●	⏚	●	●	●		4000	80	0,22
H2333	4W LED	●	⏚	●	●	●		5000	80	0,22
H2333-33	4W LED	●	⏚	●	●	●		5000	80	0,22

80°

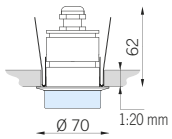
LED 24Volt

Driver LED da ordinare separatamente, vedi pag. 221.
LED driver to be ordered separately, see page 221.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

Ø60mm

IP66 IK07





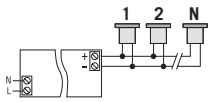
driver LED a tensione costante: 24 Volt > *constant voltage LED driver: 24 Volt*

Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*			
			H2330	**H2331**	**H2332**	**H2333**
DRIVER IP20						
07950 CEI	24 Volt	8	2	2	2	2
07952 CEI	24 Volt	16	3	3	3	3
07952 DALI	24 Volt	16	3	3	3	3
07952 DIMM	24 Volt	20	3	3	3	3
DRIVER IP67						
07953 CEI	24 Volt	60	14	14	14	14

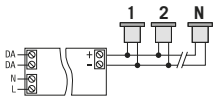
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



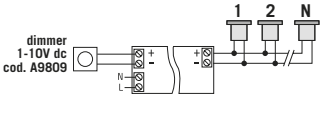
Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07950 CEI	24	8	●			0,11
07952 CEI	24	16	●			0,11

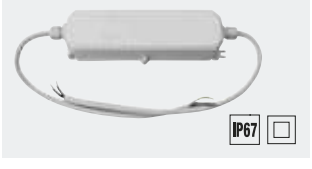


Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DALI	24	16		●		0,11



Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DIMM	24	20			●	0,11





Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP67						
07953 CEI	24	60	●			0,50



RAY25

Apparecchio
Corpo e cornice in acciaio inox AISI 316L.
Guarnizioni in gomma siliconica.
Lenti LED in PMMA.
Schermo in PMMA trasparente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 105lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Pressacavo M12 in acciaio inox AISI 316L.
Fissaggio con molle a filo in acciaio inossidabile.
Fornito completo di cavo d'alimentazione (2m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
Apparecchi installabili anche su pareti in cartongesso, legno o metallo con spessore da 1mm a 20mm.

Luminaire
AISI 316L stainless steel body and trim.
Silicone rubber gaskets.
PMMA lenses for LEDs.
Clear PMMA screen.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 105lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
M12 AISI 316L stainless steel cable gland.
Stainless steel springs.
Supplied with power cable (2m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
Fixtures suitable for installation on plasterboard, wood or metal ceilings of thickness ranging between 1mm and 20mm.

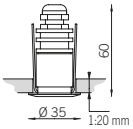
Accessori, vedi pag. 230-231-232.
Accessories, see page 230-231-232

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire* 30

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±Y	K	CRI	Kg
fascio concentrante > *narrow beam*										
22° H2370	2W LED	●		220	180	●		3000	80	0,30
H2372	2W LED	●		240	200	●		4000	80	0,30
H2376	2W LED	●		240	200	●		5000	80	0,30
fascio medio > *medium beam*										
41° H2371	2W LED	●		220	150	●		3000	80	0,30
H2373	2W LED	●		240	170	●		4000	80	0,30
H2377	2W LED	●		240	170	●		5000	80	0,30
fascio ellittico > *elliptical beam*										
43° x 26° H2374	2W LED	●		220	160	●		3000	80	0,30
H2375	2W LED	●		240	180	●		4000	80	0,30
H2378	2W LED	●		240	180	●		5000	80	0,30



LED 700mA

Driver LED da ordinare separatamente, vedi pag. 230-231.
LED driver to be ordered separately, see page 230-231.

Ø27mm IP68 IK10





RAY55

Apparecchio
Corpo e cornice in acciaio inox AISI 316L.
Guarnizioni in gomma siliconica.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 123lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Pressacavo M16 in acciaio inox AISI 316L.
Fissaggio con molle in acciaio inossidabile.
Fornito completo di cavo d'alimentazione (2m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
Apparecchi installabili anche su pareti in cartongesso, legno o metallo con spessore da 1mm a 20mm.

Luminaire
AISI 316L stainless steel body and trim.
Silicone rubber gaskets.
PMMA lenses for LEDs.
Screen made of 5mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 123lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
M16 AISI 316L stainless steel cable gland.
Stainless steel spring clips.
Supplied with power cable (2m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
Fixtures suitable for installation on plasterboard, wood or metal ceilings of thickness ranging between 1mm and 20mm.

Accessori, vedi pag. 230-231-232.
Accessories, see page 230-231-232

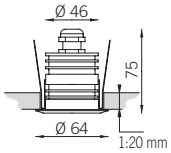
Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire* 30

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*										
H2390	4W LED	●		520	370	●		3000	70	0,75
H2396	4W LED	●		560	390	●		4000	70	0,75
H2392	4W LED	●		560	390	●		5000	70	0,75
fascio medio > *medium beam*										
H2391	4W LED	●		520	310	●		3000	70	0,75
H2397	4W LED	●		560	320	●		4000	70	0,75
H2393	4W LED	●		560	320	●		5000	70	0,75
Z7303	3W LED RGB	●				●				0,75
fascio ellittico > *elliptical beam*										
H2394	4W LED	●		520	340	●		3000	70	0,75
H2398	4W LED	●		560	370	●		4000	70	0,75
H2395	4W LED	●		560	370	●		5000	70	0,75

25° 47° 43° x 26°



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 230-231-232.
LED driver to be ordered separately, see page 230-231-232.

Ø54mm IP68 IK08





RAYSHORT 110

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.
Controanello in acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
A richiesta: cablaggio per una lampada di emergenza sempre accesa - autonomia 1-3 ore.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 8mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
LED con efficienza nominale sino a 116lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione ad incasso.
Doppio pressacavo M16 per collegamento in cascata.
Fissaggio tramite staffe in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo.
Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
Apparecchi installabili anche su pareti in cartongesso, legno o metallo con spessore da 1mm a 20mm.

Luminaire
Die-cast aluminium body (EN 47100).
Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim.
AISI 316L stainless steel counter-ring.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Available on request: equipment wired for emergency lamp always lit - 1-3 hours autonomy.
PMMA lenses for LEDs.
Screen made of 8mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
Nominal LED efficacy up to 116lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Installation
Recessed installation.
Double M16 cable gland for through wiring.
Galvanized steel brackets.

These fittings are suitable for the modern control systems. For the
various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
Fixtures suitable for installation on plasterboard, wood or metal ceilings of thickness ranging between 1mm and 20mm.

Accessori, vedi pag. 230-231-232.
Accessories, see page 230-231-232

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



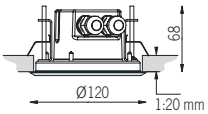
(*) a richiesta versione con cablaggio emergenza - autonomia 1 ora o 3 ore.
Available on request: emergency wiring version - 1 or 3 hours autonomy

cornice in alluminio pressofuso > *die-cast aluminium frame*

11 ○ 21 ●

Code	WATT	SC	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
H2510	4W LED	●	(*)		490	380	●		3000	80	0,57
H2511	4W LED	●	(*)		530	410	●		4000	80	0,57
H2512	4W LED	●	(*)		530	410	●		5000	80	0,57
fascio medio > *medium beam*											
H2513	4W LED	●	(*)		490	370	●		3000	80	0,57
H2514	4W LED	●	(*)		530	400	●		4000	80	0,57
H2515	4W LED	●	(*)		530	400	●		5000	80	0,57

11° 30°



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 230-231-232.
LED driver to be ordered separately, see page 230-231-232.

Ø110mm IP68 IK09

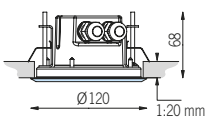


cornice in alluminio pressofuso > *die-cast aluminium frame*

11 ○ 21 ●

Code	WATT	SC	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente > *wide beam*											
H2517	4W LED - 230Vac	●			320	100	●		3000	80	0,60
H2518	4W LED - 230Vac	●			330	100	●		4000	80	0,60

110°



4W LED 230Vac

Non necessitano di driver LED.
Driver LED not needed.

Ø110mm IP68 IK09

cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*

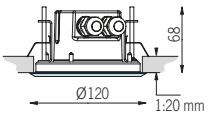
30



(*) a richiesta versione con cablaggio emergenza - autonomia 1 ora o 3 ore.
Available on request: emergency wiring version - 1 or 3 hours autonomy

Code	WATT	SC	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
H2520	4W LED	●	(*)		490	380	●		3000	80	0,70
H2521	4W LED	●	(*)		530	410	●		4000	80	0,70
H2522	4W LED	●	(*)		530	410	●		5000	80	0,70
fascio medio > *medium beam*											
H2523	4W LED	●	(*)		490	370	●		3000	80	0,70
H2524	4W LED	●	(*)		530	400	●		4000	80	0,70
H2525	4W LED	●	(*)		530	400	●		5000	80	0,70

11° 30°



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 230-231-232.
LED driver to be ordered separately, see page 230-231-232.

Ø110mm IP68 IK09

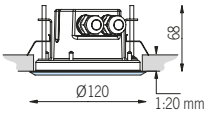
cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*

30



Code	WATT	SC	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente > *wide beam*											
H2527	4W LED - 230Vac	●			320	100	●		3000	80	0,73
H2528	4W LED - 230Vac	●			330	100	●		4000	80	0,73

110°



4W LED 230Vac

Non necessitano di driver LED.
Driver LED not needed.

Ø110mm IP68 IK09

cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*

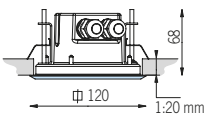
30



(*) a richiesta versione con cablaggio emergenza - autonomia 1 ora o 3 ore.
Available on request: emergency wiring version - 1 or 3 hours autonomy

Code	WATT	SC	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
H2530	4W LED	●	(*)		490	380	●		3000	80	0,75
H2531	4W LED	●	(*)		530	410	●		4000	80	0,75
H2532	4W LED	●	(*)		530	410	●		5000	80	0,75
fascio medio > *medium beam*											
H2533	4W LED	●	(*)		490	370	●		3000	80	0,75
H2534	4W LED	●	(*)		530	400	●		4000	80	0,75
H2535	4W LED	●	(*)		530	400	●		5000	80	0,75

11° 30°



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 230-231-232.
LED driver to be ordered separately, see page 230-231-232.

Ø110mm IP68 IK09

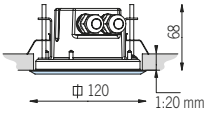
cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*

30



Code	WATT	SC	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente > *wide beam*											
H2537	4W LED - 230Vac	●			320	100	●		3000	80	0,78
H2538	4W LED - 230Vac	●			330	100	●		4000	80	0,78

110°



4W LED 230Vac

Non necessitano di driver LED.
Driver LED not needed.

Ø110mm IP68 IK09



RAY110

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.
Controanello in acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 8mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 110lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Doppio pressacavo M16 per collegamento in cascata.
Fissaggio tramite staffe in acciaio zincato.
Completo di cavo (0,7mm).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
Apparecchi installabili anche su pareti in cartongesso, legno o metallo con spessore da 1mm a 20mm.

Luminaire
Die-cast aluminium body (EN 47100).
Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim.
AISI 316L stainless steel counter-ring.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Screen made of 8mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 110lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
Double M16 cable gland for through wiring.
Galvanized steel brackets.
Supplied with power cable (0,7mm).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
Fixtures suitable for installation on plasterboard, wood or metal ceilings of thickness ranging between 1mm and 20mm.

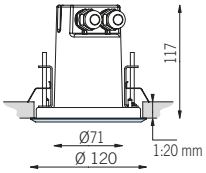
Accessori, vedi pag. 230-231-232.
Accessories, see page *230-231-232*

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

cornice in alluminio pressofuso > *die-cast aluminium frame* — 11 ○ 21 ●



(*) a richiesta versione con cablaggio emergenza - autonomia 1 ora o 3 ore.
Available on request: emergency wiring version - 1 or 3 hours autonomy



Code	WATT	SC	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±Y	K	CRI	Kg
fascio concentrante > *narrow beam*											
11° **H2400**	**6W LED**	●	(*)		670	520	●		3000	80	0,98
H2401	**6W LED**	●	(*)		720	560	●		4000	80	0,98
H2404	**6W LED**	●	(*)		720	560	●		5000	80	0,98
Z7306	**3W LED RGB**	●					●				0,98
fascio medio > *medium beam*											
30° **H2402**	**6W LED**	●	(*)		670	510	●		3000	80	0,98
H2403	**6W LED**	●	(*)		720	550	●		4000	80	0,98
H2405	**6W LED**	●	(*)		720	550	●		5000	80	0,98
Z7307	**3W LED RGB**	●					●				0,98
fascio orientabile > *adjustable beam*											
11° **H2434**	**4W LED**	●	(*)		490	380	●	20	3000	80	1,08
H2435	**4W LED**	●	(*)		530	410	●	20	4000	80	1,08
H2436	**4W LED**	●	(*)		530	410	●	20	5000	80	1,08

LED 500mA — **LED 4W LED RGB 3W 350mA**

Driver LED da ordinare separatamente, vedi pag. 230-231-232.
LED driver to be ordered separately, see page 230-231-232.

Ø110mm — IP68 — IK09



fascio diffondente > *wide beam*

66° **H2490** 1x GU10 ● — 0,67

GU10 **7W LED 230Vac** — GU10 **35W HAG 230Volt**

Non necessitano di driver LED.
Driver LED not needed.

Ø110mm — IP68 — IK09



fascio diffondente > *wide beam*

66° **H2418** 1x GU10 ● — 0,67

GU10 **7W LED 230Vac** — GU10 **35W HAG 230Volt**

Non necessitano di driver LED.
Driver LED not needed.

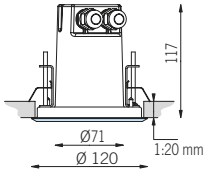
Ø110mm — IP68 — IK09

cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*

30



(*) a richiesta versione con cablaggio emergenza - autonomia 1 ora o 3 ore.
Available on request: emergency wiring version - 1 or 3 hours autonomy



Code	WATT	SC	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
11° **H2406**	**6W LED**	●	(*)		670	520	●		3000	80	1,17
H2407	**6W LED**	●	(*)		720	560	●		4000	80	1,17
H2410	**6W LED**	●	(*)		720	560	●		5000	80	1,17
Z7309	**3W LED RGB**	●					●				1,17
fascio medio > *medium beam*											
30° **H2408**	**6W LED**	●	(*)		670	510	●		3000	80	1,17
H2409	**6W LED**	●	(*)		720	550	●		4000	80	1,17
H2411	**6W LED**	●	(*)		720	550	●		5000	80	1,17
Z7310	**3W LED RGB**	●					●				1,17
fascio orientabile > *adjustable beam*											
11° **H2457**	**4W LED**	●	(*)		490	380	●	20	3000	80	1,27
H2458	**4W LED**	●	(*)		530	410	●	20	4000	80	1,27
H2459	**4W LED**	●	(*)		530	410	●	20	5000	80	1,27

LED 500mA — **LED 4W LED RGB 3W 350mA**

Driver LED da ordinare separatamente, vedi pag. 230-231-232.
LED driver to be ordered separately, see page 230-231-232.

Ø110mm — IP68 — IK09



fascio diffondente > *wide beam*											
66° **H2492**	1x GU10	●									0,86

GU10 **7W LED 230Vac** — GU10 **35W HAG 230Volt**

Non necessitano di driver LED.
Driver LED not needed.

Ø110mm — IP68 — IK09



fascio diffondente > *wide beam*											
66° **H2432**	1x GU10	●									0,86

GU10 **7W LED 230Vac** — GU10 **35W HAG 230Volt**

Non necessitano di driver LED.
Driver LED not needed.

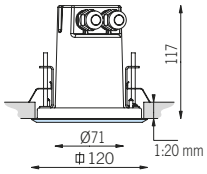
Ø110mm — IP68 — IK09

cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*

30



(*) a richiesta versione con cablaggio emergenza - autonomia 1 ora o 3 ore.
Available on request: emergency wiring version - 1 or 3 hours autonomy



Code	WATT	SC	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
11° **H2412**	**6W LED**	●	(*)		670	520	●		3000	80	1,21
H2413	**6W LED**	●	(*)		720	560	●		4000	80	1,21
H2416	**6W LED**	●	(*)		720	560	●		5000	80	1,21
Z7312	**3W LED RGB**	●					●				1,21
fascio medio > *medium beam*											
30° **H2414**	**6W LED**	●	(*)		670	510	●		3000	80	1,21
H2415	**6W LED**	●	(*)		720	550	●		4000	80	1,21
H2417	**6W LED**	●	(*)		720	550	●		5000	80	1,21
Z7313	**3W LED RGB**	●					●				1,21
fascio orientabile > *adjustable beam*											
11° **H2460**	**4W LED**	●	(*)		490	380	●	20	3000	80	1,31
H2461	**4W LED**	●	(*)		530	410	●	20	4000	80	1,31
H2462	**4W LED**	●	(*)		530	410	●	20	5000	80	1,31

LED 500mA — **LED 4W LED RGB 3W 350mA**

Driver LED da ordinare separatamente, vedi pag. 230-231-232.
LED driver to be ordered separately, see page 230-231-232.

Ø110mm — IP68 — IK09



fascio diffondente > *wide beam*											
66° **H2494**	1x GU10	●									0,90

GU10 **7W LED 230Vac** — GU10 **35W HAG 230Volt**

Non necessitano di driver LED.
Driver LED not needed.

Ø110mm — IP68 — IK09



fascio diffondente > *wide beam*											
66° **H2433**	1x GU10	●									0,90

GU10 **7W LED 230Vac** — GU10 **35W HAG 230Volt**

Non necessitano di driver LED.
Driver LED not needed.

Ø110mm — IP68 — IK09



RAYSHORT 180

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.
Controanello in acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 110lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Pressacavo PG11 in tecnopolimero.
Fissaggio tramite staffe in acciaio zincato
Completo di cavo (0,7m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
Apparecchi installabili anche su pareti in cartongesso, legno o metallo con spessore da 1mm a 20mm.

Luminaire
Die-cast aluminium body (EN 47100).
Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim.
AISI 316L stainless steel counter-ring.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Screen made of 5mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 110lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
PG11 engineering plastic cable gland.
Galvanized steel brackets.
Supplied with power cable (0,7m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
Fixtures suitable for installation on plasterboard, wood or metal ceilings of thickness ranging between 1mm and 20mm.

Accessori, vedi pag. 230-231-232.
Accessories, see page 230-231-232.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



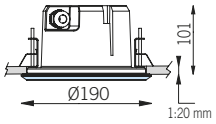
cornice in alluminio pressofuso > *die-cast aluminium frame*

11 ○ 16 ● 21 ●

Code	WATT	SC	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±Y	K	CRI	Kg
fascio concentrante > *narrow beam*													
H2420	13W LED	●	●	●	●		1500	1050	●		3000	80	1,43
H2421	13W LED	●	●	●	●		1600	1150	●		4000	80	1,43
H2424	13W LED	●	●	●	●		1600	1150	●		5000	80	1,43
Z7315	9W LED RGB	●							●				1,43
fascio medio > *medium beam*													
H2422	13W LED	●	●	●	●		1500	1000	●		3000	80	1,43
H2423	13W LED	●	●	●	●		1600	1050	●		4000	80	1,43
H2425	13W LED	●	●	●	●		1600	1050	●		5000	80	1,43
Z7316	9W LED RGB	●							●				1,43

10°

30°



LED 500mA — LED RGB 350mA

Driver LED da ordinare separatamente, vedi pag. 230-231-232.
LED driver to be ordered separately, see page 230-231-232..

min Ø175mm max Ø180mm — IP67 — IK07

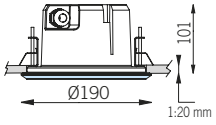


cornice in alluminio pressofuso > *die-cast aluminium frame*

11 ○ 16 ● 21 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±Y	K	CRI	Kg
fascio diffondente > *wide beam*										
H2470	10W LED -230Vac	●		1300	270	●		3000	80	2,20
H2471	10W LED -230Vac	●		1300	270	●		4000	80	2,20
H2472	10W LED -230Vac	●		1300	270	●		5000	80	2,20

107°



LED 230 Vac

Non necessita di driver.
Does not need any driver.

min Ø175mm max Ø180mm — IP67 — IK07

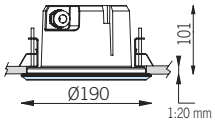


cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame* 30

Code	WATT	SC	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*													
H2426	**13W LED**	●	●	●	●		1500	1050	●		3000	80	1,77
H2427	**13W LED**	●	●	●	●		1600	1150	●		4000	80	1,77
H2430	**13W LED**	●	●	●	●		1600	1150	●		5000	80	1,77
Z7317	**9W LED RGB**	●							●				1,77
fascio medio > *medium beam*													
H2428	**13W LED**	●	●	●	●		1500	1050	●		3000	80	1,77
H2429	**13W LED**	●	●	●	●		1600	1150	●		4000	80	1,77
H2431	**13W LED**	●	●	●	●		1600	1150	●		5000	80	1,77
Z7318	**9W LED RGB**	●							●				1,77

10°

30°



LED 500mA — **LED RGB** 350mA

Driver LED da ordinare separatamente, vedi pag. 230-231-232.
LED driver to be ordered separately, see page 230-231-232.

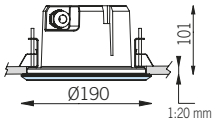
min Ø175mm max Ø180mm — IP67 — IK07



cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame* 30

Code	WATT	SC	C	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente > *wide beam*											
H2473	**10W LED -230Vac**	●			1300	270	●		3000	80	2,54
H2474	**10W LED -230Vac**	●			1300	270	●		4000	80	2,54
H2475	**10W LED -230Vac**	●			1300	270	●		5000	80	2,54

107°



LED 230 Vac

Driver LED incluso.
LED driver included.

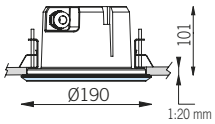
min Ø175mm max Ø180mm — IP67 — IK07



cornice in alluminio pressofuso > *die-cast aluminium frame* 11 ○ 16 ● 21 ●

Code	WATT	SC	C	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Kg
fascio diffondente > *wide beam*											
H2481**	1x **35W MT** G8,5	●			3400	●	●		4200	90	1,13
H2482**	1x **70W MT** G8,5	●			6800	●	●		4200	90	1,13
H2480	1x **10W FSQ** G24 d-1		●		600	●	●		4000	80	1,43

122°



MASTERCOLOUR G8,5 **35W MT** G8,5 **70W MT** — G24 d-1 **10W FSQ** **OSRAM** **SYLVANIA**

** **Alimentatore da ordinare separatamente, vedi pag. 232.**
** ***Control gear to be ordered separately, see page 232.***

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

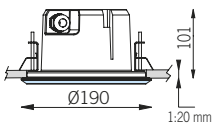
min Ø175mm max Ø180mm — IP67 — IK07



cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame* 30

Code	WATT	SC	C	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Kg
fascio diffondente > *wide beam*											
H2500**	1x **35W MT** G8,5	●			3400	●	●		4200	90	1,47
H2501**	1x **70W MT** G8,5	●			6800	●	●		4200	90	1,47
H2503	1x **10W FSQ** G24 d-1		●		600	●	●		4000	80	1,77

122°



MASTERCOLOUR G8,5 **35W MT** G8,5 **70W MT** — G24 **d-1 10W FSQ** **OSRAM** **SYLVANIA**

** **Alimentatore da ordinare separatamente, vedi pag. 232.**
** ***Control gear to be ordered separately, see page 232.***

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

min Ø175mm max Ø180mm — IP67 — IK07

driver LED a corrente costante: 350mA > *constant current LED driver: 350mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																	
			RAY 55									RAY SHORT 110								
			H2390	H2391	H2392	H2393	H2394	H2395	H2396	H2397	H2398	H2510	H2512	H2514	H2520	H2522	H2524	H2530	H2532	H2534
												H2511	H2513	H2515	H2521	H2523	H2525	H2531	H2533	H2535
DRIVER IP20																				
H7951 CEI	350	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
H7954 CEI	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
H7952 DALI	350	15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7955 DALI	350	40	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
H7952 DIMM	350	15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7955 DIMM	350	40	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
DRIVER IP67																				
H7961 CEI	350	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
H7961 DALI	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
H7961 DIMM	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

			RAY 110								
			H2434	H2435	H2436	H2457	H2458	H2459	H2460	H2461	H2462
DRIVER IP20											
H7951 CEI	350	20	4	4	4	4	4	4	4	4	4
H7954 CEI	350	25	5	5	5	5	5	5	5	5	5
H7952 DALI	350	15	3	3	3	3	3	3	3	3	3
H7955 DALI	350	40	9	9	9	9	9	9	9	9	9
H7952 DIMM	350	15	3	3	3	3	3	3	3	3	3
H7955 DIMM	350	40	9	9	9	9	9	9	9	9	9
DRIVER IP67											
H7961 CEI	350	20	4	4	4	4	4	4	4	4	4
H7961 DALI	350	25	5	5	5	5	5	5	5	5	5
H7961 DIMM	350	25	5	5	5	5	5	5	5	5	5

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

driver LED a corrente costante: 500mA > *constant current LED driver: 500mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																	
			RAY 110									RAY 180								
			H2400	H2402	H2404	H2406	H2408	H2410	H2412	H2414	H2416	H2420	H2422	H2424	H2426	H2428	H2430			
			H2401	H2403	H2405	H2407	H2409	H2411	H2413	H2415	H2417	H2421	H2423	H2425	H2427	H2429	H2431			
DRIVER IP20																				
H7957 CEI	500	20	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1			
H7954 CEI	500	35	5	5	5	5	5	5	5	5	5	2	2	2	2	2	2			
H7952 DALI	500	24	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1			
H7954 DALI	500	35	5	5	5	5	5	5	5	5	5	2	2	2	2	2	2			
H7952 DIMM	500	22	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1			
H7954 DIMM	500	35	5	5	5	5	5	5	5	5	5	2	2	2	2	2	2			
DRIVER IP67																				
H7962 CEI	500	20	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1			
H7962 DALI	500	35	5	5	5	5	5	5	5	5	5	2	2	2	2	2	2			
H7962 DIMM	500	35	5	5	5	5	5	5	5	5	5	2	2	2	2	2	2			

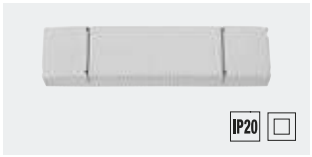
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

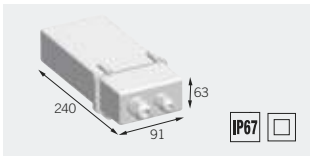
driver LED a corrente costante: 700mA > *constant current LED driver: 700mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*								
			RAY 25								
			H2370	H2371	H2372	H2373	H2374	H2375	H2376	H2377	H2378
DRIVER IP20											
H7958 CEI	700	16	6	6	6	6	6	6	6	6	6
H7954 CEI	700	50	18	18	18	18	18	18	18	18	18
H7952 DALI	700	32	12	12	12	12	12	12	12	12	12
H7954 DALI	700	50	18	18	18	18	18	18	18	18	18
H7952 DIMM	700	25	8	8	8	8	8	8	8	8	8
H7954 DIMM	700	50	18	18	18	18	18	18	18	18	18
DRIVER IP67											
H7963 CEI	700	16	8	8	8	8	8	8	8	8	8
H7963 DALI	700	50	18	18	18	18	18	18	18	18	18
H7963 DIMM	700	50	18	18	18	18	18	18	18	18	18

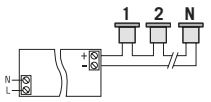
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

driver LED - CEI



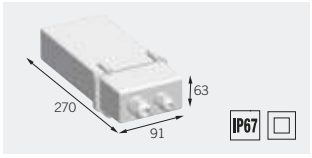


Code	mA	WATT	CEI				Kg
DRIVER IP20							
H7951 CEI	350	20	●				0,11
H7957 CEI	500	20	**23,40** ●				0,11
H7958 CEI	700	16	●				0,11
H7954 CEI	350	25	●				0,15
	500	35					
	700	50					
DRIVER IP67							
H7961 CEI	350	20	●				0,50
H7962 CEI	500	20	●				0,50
H7963 CEI	700	16	●				0,50

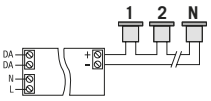


driver LED - DALI





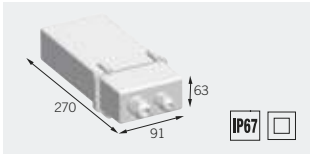
Code	mA	WATT	DALI				Kg
DRIVER IP20							
H7952 DALI	350	15	●				0,13
	500	24					
	700	32					
H7954 DALI	500	35	●				0,15
	700	50					
H7955 DALI	350	40	●				0,15
DRIVER IP67							
H7961 DALI	350	25	●				0,50
H7962 DALI	500	35	●				0,50
H7963 DALI	700	50	●				0,50



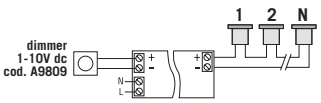
Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

driver LED - DIMM





Code	mA	WATT	DIMM				Kg
DRIVER IP20							
H7952 DIMM	350	15	●				0,11
	500	22					
	700	25					
H7954 DIMM	500	35	●				0,15
	700	50					
H7955 DIMM	350	40	●				0,21
DRIVER IP67							
H7961 DIMM	350	25	●				0,50
H7962 DIMM	500	35	●				0,50
H7963 DIMM	700	50	●				0,50

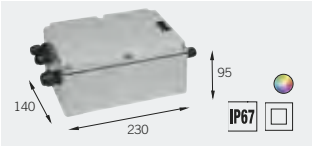


Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

driver LED **RGB** a corrente costante: 350mA > *constant current **RGB** LED driver: 350mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*												
			RAY 55	RAY 110								RAY SHORT 180			
			Z7303	Z7306	Z7307	Z7308	Z7309	Z7310	Z7311	Z7312	Z7313	Z7315	Z7316	Z7317	Z7318
Z7791-40 DMX	350	3x6	6	6	6	6	6	6	6	6	6	2	2	2	2

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	DMX	Kg
Z7791-40 DMX	350	3x6	●	1,00

Driver LED **RGB**



Code		Kg
Z7790-21	●	0,75

DMX Controller

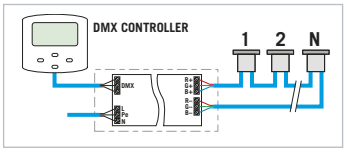
La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).



Code		Kg
Z7790-23	on request	0,50

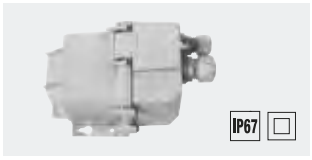
DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.



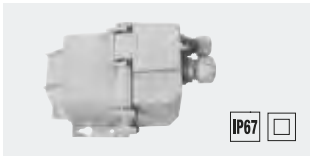
Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see page 15 "Controlling the light ".

RAY 180 alimentatore magnetico per lampade HID > *magnetic control gear for HID lamps*



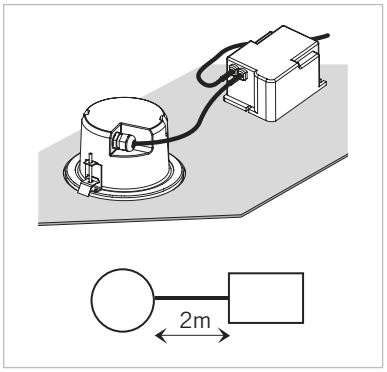
Code	WATT	CR	Kg
G2904 CR	35	●	1,40

Adatto per apparecchi codice:
Suitable for articles code:
H2481 - H2500



Code	WATT	CR	Kg
G2905 CR	70	●	1,50

Adatto per apparecchi codice:
Suitable for articles code:
H2482 - H2501



Massima distanza 2m.
Maximum distance 2m.

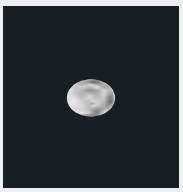
accessori > *accessories*



Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.

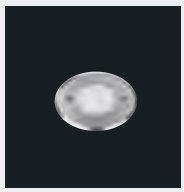
INCASSI A TERRA
RECESSED FLOOR LUMINAIRES



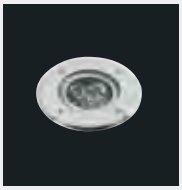
234
INGROUND25



236
INGROUND55



239
INGROUND65



241
INGROUNDSHORT110
245
INGROUND110



250
INGROUNDSHORT180
253
INGROUND180



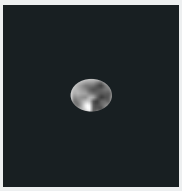
256
INGROUND260



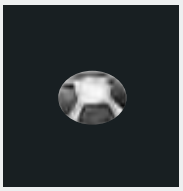
262
INGROUNDSHORT350
263
INGROUND350



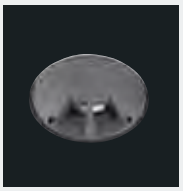
266
QUAD200



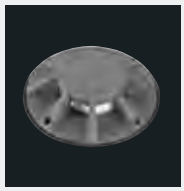
270
STONE25



272
STONE55



274
STONESHORT180
276
STONE180



278
STONE260



280
LINEA-IN



283
KRIO-IN



INGROUND25

Apparecchio
Corpo e cornice in acciaio inox AISI 316L.
Guarnizioni in gomma siliconica.
Schermo in PMMA trasparente.
Carico statico sopportabile: 1000Kg.
Apparecchio calpestabile.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.
Sorgente
LED con efficienza nominale sino a 131lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione ad incasso.
Pressacavo M12 in acciaio inox AISI 316L.
Completo di controcassa in tecnopolimero (07298 o 07290).
Fornito completo di cavo d'alimentazione (3m).
Controcassa in tecnopolimero o acciaio inox AISI 316L.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
APPARECCHI IN ACCIAIO INOX AISI 316L ADATTI ALLA SOMMERSIONE, PROFONDITA' 1m.

Luminaire
AISI 316L stainless steel body and trim.
Silicone rubber gaskets.
Clear PMMA screen.
1000Kg static load capacity.
Can be walked over.
It complies with standards EN 60598-1 and EN 60598-2-13.
Source
Nominal LED efficacy up to 131lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Installation
Recessed installation.
M12 AISI 316L stainless steel cable gland.
Supplied with recessed installation box made of engineering plastic (07298 or 07290).
Supplied with power cable (3m).
Recessed installation box made of engineering plastic or of AISI 316L stainless steel.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
AISI 316L STAINLESS STEEL FIXTURES SUITABLE FOR SUBMERGED INSTALLATIONS AT A MAXIMUM DEPTH OF 1m.

Accessori, vedi pag. 235.
Accessories, see page 235.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

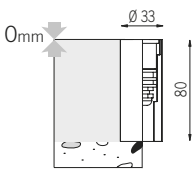
anello a filo terra > *front ring flush with ground*

30



Completo di controcassa da interrare in materiale termoplastico (07298).
Complete with thermoplastic material recessed installation box (07298).

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*											
22° **06770**	**2W LED**	●		220	180	●		3000	80	59	0,34
06771	**2W LED**	●		240	200	●		4000	80	59	0,34
06772	**2W LED**	●		240	200	●		5000	80	59	0,34
fascio medio > *medium beam*											
41° **06773**	**2W LED**	●		220	150	●		3000	80	59	0,34
06774	**2W LED**	●		240	170	●		4000	80	59	0,34
06775	**2W LED**	●		240	170	●		5000	80	59	0,34
06779 🔵	**2W LED**	●				●		BLUE		59	0,34
fascio ellittico > *elliptical beam*											
43° x 26° **06776**	**2W LED**	●		220	160	●		3000	80	59	0,34
06777	**2W LED**	●		240	180	●		4000	80	59	0,34
06778	**2W LED**	●		240	180	●		5000	80	59	0,34



LED 700mA

Driver LED da ordinare separatamente, vedi pag. 235.
LED driver to be ordered separately, see page 235.

IP68 IK10

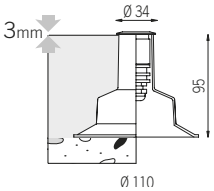
anello sopra terra > *above the ground ring*

30



Completo di controcassa da interrare in materiale termoplastico (07290).
Complete with thermoplastic material recessed installation box (07290).

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*											
22° **07246**	**2W LED**	●		220	180	●		3000	80	59	0,37
07247	**2W LED**	●		240	200	●		4000	80	59	0,37
07253	**2W LED**	●		240	200	●		5000	80	59	0,37
fascio medio > *medium beam*											
41° **07248**	**2W LED**	●		220	150	●		3000	80	59	0,37
07249	**2W LED**	●		240	170	●		4000	80	59	0,37
07254	**2W LED**	●		240	170	●		5000	80	59	0,37
07259 🔵	**2W LED**	●				●		BLUE		59	0,37
fascio ellittico > *elliptical beam*											
43° x 26° **07256**	**2W LED**	●		220	160	●		3000	80	59	0,37
07257	**2W LED**	●		240	180	●		4000	80	59	0,37
07255	**2W LED**	●		240	180	●		5000	80	59	0,37



LED 700mA

Driver LED da ordinare separatamente, vedi pag. 235.
LED driver to be ordered separately, see page 235.

IP68 IK10

accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare.
L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).

It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



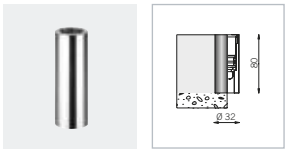
Code		Kg
07290		0,06

Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.



Code		Kg
07298		0,02

Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.



Code		Kg
07292		0,21

Controcassa da interrare in acciaio inox AISI 316L.
Stainless steel AISI 316L recessed installation box.



Code		Kg
07932		0,05

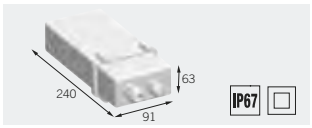
Scatola di connessione IP68.
Junction box IP68.

driver LED a corrente costante: 700mA > *constant current LED driver: 700mA*

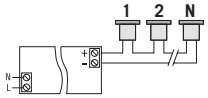
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																
			06770	**06771**	**06772**	**06773**	**06774**	**06775**	**06776**	**06777**	**06778**	**06779**	**07246**	**07247**	**07248**	**07249**	**07253**	**07254**	**07255**	**07256**
			07257	**07259**																
DRIVER IP20																				
H7958 CEI	700	16	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
H7954 CEI	700	50	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
H7952 DALI	700	32	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
H7954 DALI	700	50	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
H7952 DIMM	700	25	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
H7954 DIMM	700	50	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
DRIVER IP67																				
H7963 CEI	700	16	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
H7963 DALI	700	50	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
H7963 DIMM	700	50	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

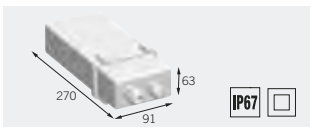




Code	mA	WATT	CEI	Kg
DRIVER IP20				
H7958 CEI	700	16	●	0,11
H7954 CEI	700	50	●	0,15
DRIVER IP67				
H7963 CEI	700	16	●	0,50

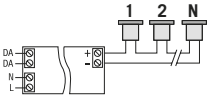




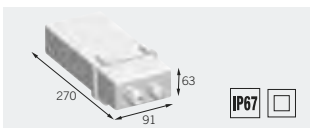


Code	mA	WATT	DALI	Kg
DRIVER IP20				
H7952 DALI	700	32	●	0,13
H7954 DALI	700	50	●	0,15
DRIVER IP67				
H7963 DALI	700	50	●	0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

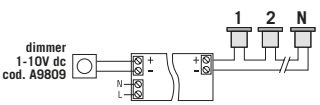






Code	mA	WATT	DIMM	Kg
DRIVER IP20				
H7952 DIMM	700	25	●	0,11
H7954 DIMM	700	50	●	0,15
DRIVER IP67				
H7963 DIMM	700	50	●	0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.





INGROUND55

Apparecchio
Corpo e cornice in acciaio inox AISI 316L.
Guarnizioni in gomma siliconica.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Carico statico sopportabile: 1000Kg.
Apparecchio calpestabile.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
LED con efficienza nominale sino a 142lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Pressacavo M16 in acciaio inox AISI 316L.
Completo di controcassa in tecnopolimero (O7293 o O7299).
Fornito completo di cavo d'alimentazione (3m).
Controcassa in tecnopolimero o acciaio inox AISI 316L.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
APPARECCHI IN ACCIAIO INOX AISI 316L ADATTI ALLA SOMMERSIONE, PROFONDITA' 1m.

Luminaire
AISI 316L stainless steel body and trim.
Silicone rubber gaskets.
Screen made of 5mm thermal-shock resistant tempered glass.
1000Kg static load capacity.
Can be walked over.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
Nominal LED efficacy up to 142lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
M16 AISI 316L stainless steel cable gland.
Supplied with recessed installation box made of engineering plastic (O7293 or O7299).
Supplied with power cable (3m).
Recessed installation box made of engineering plastic or of AISI 316L stainless steel.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
AISI 316L STAINLESS STEEL FIXTURES SUITABLE FOR SUBMERGED INSTALLATIONS AT A MAXIMUM DEPTH OF 1m.

Accessori, vedi pag. 237-238.
Accessories, see page 237-238.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



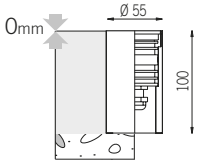
Completo di controcassa da interrare in materiale termoplastico (07299).
Complete with thermoplastic material recessed installation box (07299).

anello a filo terra > *front ring flush with ground*

30

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*											
06760	**4W LED**	●		520	370	●		3000	70	55	0,74
06761	**4W LED**	●		560	390	●		4000	70	55	0,74
06762	**4W LED**	●		560	390	●		5000	70	55	0,74
fascio medio > *medium beam*											
06763	**4W LED**	●		520	310	●		3000	70	55	0,74
06764	**4W LED**	●		560	320	●		4000	70	55	0,74
06765	**4W LED**	●		560	320	●		5000	70	55	0,74
Z7784	**3W LED RGB**	●								55	0,74
fascio ellittico > *elliptical beam*											
06766	**4W LED**	●		520	340	●		3000	70	55	0,74
06767	**4W LED**	●		560	370	●		4000	70	55	0,74
06768	**4W LED**	●		560	370	●		5000	70	55	0,74

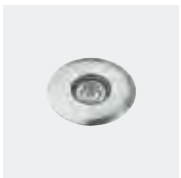
25° · 47° · 43° x 26°



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 237-238.
LED driver to be ordered separately, see page 237-238.

IP68 · IK08 · 1000 Kg



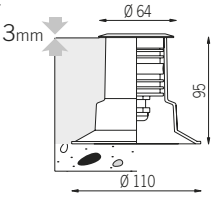
Completo di controcassa da interrare in materiale termoplastico (07293).
Complete with thermoplastic material recessed installation box (07293).

anello sopra terra > *above the ground ring*

30

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*											
07272	**4W LED**	●		520	370	●		3000	70	55	0,67
07273	**4W LED**	●		560	390	●		4000	70	55	0,67
07263	**4W LED**	●		560	390	●		5000	70	55	0,67
fascio medio > *medium beam*											
07274	**4W LED**	●		520	310	●		3000	70	55	0,67
07275	**4W LED**	●		560	320	●		4000	70	55	0,67
07264	**4W LED**	●		560	320	●		5000	70	55	0,67
Z7783	**3W LED RGB**	●								55	0,67
fascio ellittico > *elliptical beam*											
07276	**4W LED**	●		520	340	●		3000	70	55	0,67
07277	**4W LED**	●		560	370	●		4000	70	55	0,67
07265	**4W LED**	●		560	370	●		5000	70	55	0,67

25° · 47° · 43° x 26°



LED 350mA

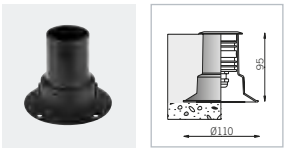
Driver LED da ordinare separatamente, vedi pag. 237-238.
LED driver to be ordered separately, see page 237-238.

IP68 · IK08 · 1000 Kg

accessori > *accessories*

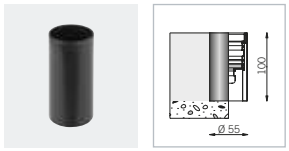
Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare.
L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).

It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



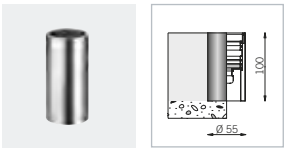
Code		Kg
07293		0,08

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.



Code		Kg
07299		0,06

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.



Code		Kg
07295		0,60

Controcassa in acciaio inox AISI 316L.
Stainless steel AISI 316L recessed installation box.



Code		Kg
07932		0,05

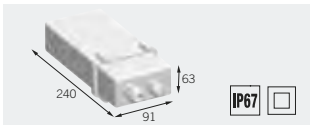
Scatola di connessione IP68.
Junction box IP68.

driver LED a corrente costante: 350mA > *constant current LED driver: 350mA*

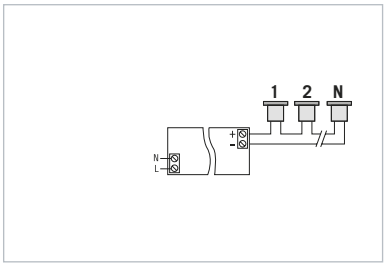
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																
			06760	**06761**	**06762**	**06763**	**06764**	**06765**	**06766**	**06767**	**06768**	**07263**	**07264**	**07265**	**07272**	**07273**	**07274**	**07275**	**07276**	**07277**
DRIVER IP20																				
H7951 CEI	350	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
H7954 CEI	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
H7952 DALI	350	15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7955 DALI	350	40	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
H7952 DIMM	350	15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7955 DIMM	350	40	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
DRIVER IP67																				
H7961 CEI	350	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
H7961 DALI	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
H7961 DIMM	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

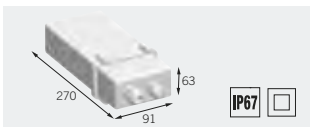




Code	mA	WATT	CEI	Kg
DRIVER IP20				
H7951 CEI	350	20	●	0,11
H7954 CEI	350	25	●	0,15
DRIVER IP67				
H7961 CEI	350	20	●	0,50

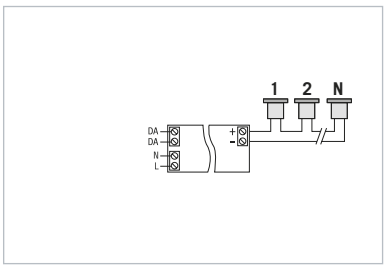




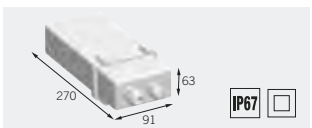


Code	mA	WATT	DALI	Kg
DRIVER IP20				
H7952 DALI	350	15	●	0,13
H7955 DALI	350	40	●	0,15
DRIVER IP67				
H7961 DALI	350	25	●	0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.

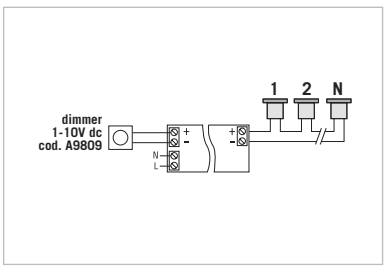






Code	mA	WATT	DIMM	Kg
DRIVER IP20				
H7952 DIMM	350	15	●	0,11
H7955 DIMM	350	40	●	0,21
DRIVER IP67				
H7961 DIMM	350	25	●	0,50

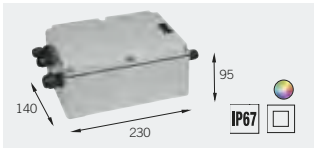
Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.



driver LED **RGB** a corrente costante: 350mA > *constant currente **RGB** LED driver: 350mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*	
			Z7783	**Z7784**
Z7791-40 DMX	350	3x6	6	6

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	DMX	Kg
Z7791-40 DMX	350	3x6	●	1,00

Driver LED **RGB**



Code		Kg
Z7790-21	●	0,75

DMX Controller

La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).

The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).

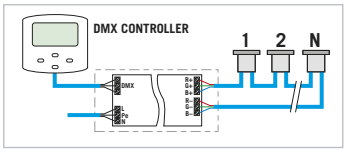


Code		Kg
Z7790-23	on request	0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.

The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.



Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.

Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".





INGROUND65

Apparecchio
Corpo in tecnopolimero rinforzato in fibra di vetro, infrangibile.
Cornice in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Schermo in policarbonato opale stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Carico statico sopportabile: 1000Kg.
Apparecchio calpestabile.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Pressacavo M16 in tecnopolimero.
Completo di controcassa in tecnopolimero (07349).
Fornito completo di cavo d'alimentazione (3m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
PER INSTALLAZIONI IN ZONE SOGGETTE A PASSAGGIO SI CONSIGLIA L'USO DI APPARECCHI CON CORNICE INOX.

Luminaire
Shatterproof body made of fiber glass reinforced engineering plastic.
Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing opal polycarbonate screen.
1000Kg static load capacity.
Can be walked over.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
LED life time: >50000h with L80.

Installation
Recessed installation.
M16 engineering plastic cable gland.
Supplied with recessed installation box made of engineering plastic (07349).
Supplied with power cable (3m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
FIXTURES WITH STAINLESS STEEL TRIM ARE SUGGESTED FOR WALK-OVER OR DRIVE-OVER APPLICATIONS.

Accessori, vedi pag. 240.
Accessories, see page 240.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

anello in alluminio pressofuso sopra terra > *die-cast aluminium above ground ring* — 16 21



fascio diffondente > *wide beam*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
07867	0,7W LED	●		●	●	●		3000		40	0,17
07868	0,7W LED	●		●	●	●		4000		40	0,17

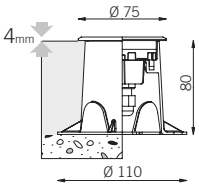
114°

LED 24 Vdc

Driver LED da ordinare separatamente, vedi pag. 240.
LED driver to be ordered separately, see page 240.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP68 IK07 Kg 1000



anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel above ground ring* — 30



fascio diffondente > *wide beam*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
07877	0,7W LED	●		●	●	●		3000		40	0,17
07878	0,7W LED	●		●	●	●		4000		40	0,17

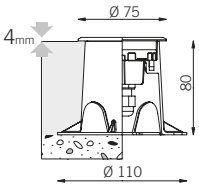
114°

LED 24 Vdc

Driver LED da ordinare separatamente, vedi pag. 240.
LED driver to be ordered separately, see page 240.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP68 IK07 Kg 1000



cornice in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel fabove ground rame* — 30



fascio diffondente > *wide beam*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
07897	0,7W LED	●		●	●	●		3000		40	0,17
07898	0,7W LED	●		●	●	●		4000		40	0,17

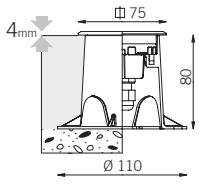
114°

LED 24 Vdc

Driver LED da ordinare separatamente, vedi pag. 240.
LED driver to be ordered separately, see page 240.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP68 IK07 Kg 1000



accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).

It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
07349	●	0,06

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.



Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.

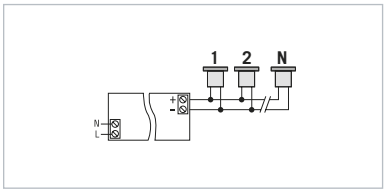
driver LED a tensione costante: 24 Volt > *constant voltage LED driver: 24 Volt*

Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*					
			07867	**07868**	**07877**	**07878**	**07897**	**07898**
DRIVER IP20								
07950 CEI	24 Volt	8	10	10	10	10	10	10
07952 CEI	24 Volt	16	20	20	20	20	20	20
DRIVER IP67								
07953 CEI	24 Volt	60	80	80	80	80	80	80

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07950 CEI	24	8	●			0,11
07952 CEI	24	16	●			0,11





Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP67						
07953 CEI	24	60	●			0,50



Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.



INGROUNDSHORT 110

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 8mm resistente agli shock termici.
Carico statico sopportabile: 2000Kg.
Apparecchio carrabile alla velocità massima di 20Km/h.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
LED con efficienza nominale sino a 131lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Doppio pressacavo M16 per collegamento in cascata.
Completo di controcassa in tecnopolimero (O7347,O7348).
Fornito completo di cavo d'alimentazione (0,7m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
PER INSTALLAZIONI IN ZONE SOGGETTE A PASSAGGIO SI CONSIGLIA L'USO DI APPARECCHI CON CORNICE INOX.
A RICHIESTA L'APPARECCHIO PUO' ESSERE FORNITO CON VETRO ANTISCIVOLO.

Luminaire
Die-cast aluminium body (EN 47100).
Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Screen made of 8mm thermal-shock resistant tempered glass.
2000Kg static load capacity.
Can be driven over at maximum speed 20Km/h.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
Nominal LED efficacy up to 131lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Double M16 cable gland for through wiring.
Supplied with recessed installation box made of engineering plastic (O7347,O7348).
Supplied with power cable (0,7m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
FIXTURES WITH STAINLESS STEEL TRIM ARE SUGGESTED FOR WALK-OVER OR DRIVE-OVER APPLICATIONS.
UPON REQUEST FIXTURES CAN BE SUPPLIED WITH ANTI-SLIP GLASS.

Accessori, vedi pag. 243-244.
Accessories, see page 243-244.

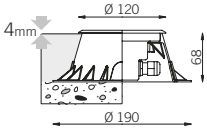
Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



Completo di controcassa da interrare in materiale termoplastico (O7347).
Complete with thermoplastic material recessed installation box (O7347).

anello in alluminio pressofuso sopra terra > *die-cast aluminium ring above ground* — 16 ● 21 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*											
11° **07100**	**4W LED**	●		490	380	●		3000	80	45	0,56
07101	**4W LED**	●		530	410	●		4000	80	45	0,56
07102	**4W LED**	●		530	410	●		5000	80	45	0,56
fascio medio > *medium beam*											
30° **07103**	**4W LED**	●		490	370	●		3000	80	45	0,56
07104	**4W LED**	●		530	400	●		4000	80	45	0,56
07105	**4W LED**	●		530	400	●		5000	80	45	0,56



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 243-244.
LED driver to be ordered separately, see page 243-244.

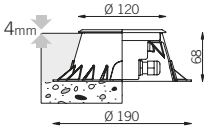
IP68 IK09 2000



Completo di controcassa da interrare in materiale termoplastico (O7347).
Complete with thermoplastic material recessed installation box (O7347).

anello in alluminio pressofuso sopra terra > *die-cast aluminium ring above ground* — 16 ● 21 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio diffondente > *wide beam*											
88° **07141***	**1,8W LED**	●		70	20	●		4000		40	0,59
fascio diffondente > *wide beam*											
110° **07107**	**4W LED-230Vac**	●		320	100	●		3000	80	45	0,59
07108	**4W LED-230Vac**	●		330	100	●		4200	80	45	0,59



LED 12 Volt — LED 230Vac

*** Driver LED da ordinare separatamente, vedi pag. 243-244..**
**** LED driver to be ordered separately, see page 243-244.***

IP68 IK09 2000

anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground*

30



Completo di controcassa da interrare in materiale termoplastico (07347).
Complete with thermoplastic material recessed installation box (07347).

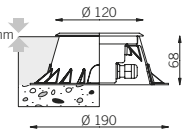
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > narrow beam											
07110	4W LED	●		490	380	●		3000	80	45	0,69
07111	4W LED	●		530	410	●		4000	80	45	0,69
07112	4W LED	●		530	410	●		5000	80	45	0,69
fascio medio > medium beam											
07113	4W LED	●		490	370	●		3000	80	45	0,69
07114	4W LED	●		530	400	●		4000	80	45	0,69
07115	4W LED	●		530	400	●		5000	80	45	0,69

11° 30°

LED 350mA

Driver LED da ordinare separatamente, vedi pag. 243-244.
LED driver to be ordered separately, see page 243-244.

IP68 IK09 2000



anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground*

30



Completo di controcassa da interrare in materiale termoplastico (07347).
Complete with thermoplastic material recessed installation box (07347).

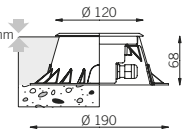
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio diffondente > wide beam											
07151*	1,8W LED	●		70	20	●		4000		40	0,72
fascio diffondente > wide beam											
07117	4W LED-230Vac	●		320	100	●		3000	80	45	0,72
07118	4W LED-230Vac	●		330	100	●		4200	80	45	0,72

88° 110°

LED 12 Volt LED 230Vac

*** Driver LED da ordinare separatamente, vedi pag. 243-244.**
**** LED driver to be ordered separately, see page 243-244.***

IP68 IK09 2000



anello e controanello in acciaio inox AISI 316L filo terra > *AISI 316L stainless steel ring and counter-ring flush with ground*

30



Completo di controcassa da interrare in materiale termoplastico (07348).
Complete with thermoplastic material recessed installation box (07348).

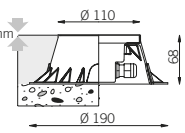
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > narrow beam											
07130	4W LED	●		490	380	●		3000	80	45	0,83
07131	4W LED	●		530	410	●		4000	80	45	0,83
07132	4W LED	●		530	410	●		5000	80	45	0,83
fascio medio > medium beam											
07133	4W LED	●		490	370	●		3000	80	45	0,83
07134	4W LED	●		530	400	●		4000	80	45	0,83
07135	4W LED	●		530	400	●		5000	80	45	0,83

11° 30°

LED 350mA

Driver LED da ordinare separatamente, vedi pag. 243-244.
LED driver to be ordered separately, see page 243-244.

IP68 IK09 2000



anello e controanello in acciaio inox AISI 316L filo terra > *AISI 316L stainless steel ring and counter-ring flush with ground*

30



Completo di controcassa da interrare in materiale termoplastico (07348).
Complete with thermoplastic material recessed installation box (07348).

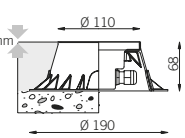
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio diffondente > wide beam											
07161*	1,8W LED	●		70	20	●		4000		40	0,86
fascio diffondente > wide beam											
07137	4W LED-230Vac	●		320	100	●		3000	80	45	0,86
07138	4W LED-230Vac	●		330	100	●		4200	80	45	0,86

88° 110°

LED 12 Volt LED 230Vac

*** Driver LED da ordinare separatamente, vedi pag. 243-244..**
**** LED driver to be ordered separately, see page 243-244.***

IP68 IK09 2000



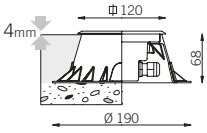
cornice in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel frame above ground*

30



Completo di controcassa da interrare in materiale termoplastico (07347).
Complete with thermoplastic material recessed installation box (07347).

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*											
11° **07120**	**4W LED**	●		490	380	●		3000	80	45	0,82
07121	**4W LED**	●		530	410	●		4000	80	45	0,82
07122	**4W LED**	●		530	410	●		5000	80	45	0,82
fascio medio > *medium beam*											
30° **07123**	**4W LED**	●		490	370	●		3000	80	45	0,82
07124	**4W LED**	●		530	400	●		4000	80	45	0,82
07125	**4W LED**	●		530	400	●		5000	80	45	0,82



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 243-244.
LED driver to be ordered separately, see page 243-244.

IP68 IK09 2000

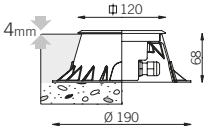
cornice in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel frame above ground*

30



Completo di controcassa da interrare in materiale termoplastico (07347).
Complete with thermoplastic material recessed installation box (07347).

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio diffondente > *wide beam*											
88° **07171***	**1,8W LED**	●		70	20	●		4000		40	0,85
fascio diffondente > *wide beam*											
110° **07127**	**4W LED-230Vac**	●		320	100	●		3000	80	45	0,85
07128	**4W LED-230Vac**	●		330	100	●		4200	80	45	0,85



LED 12 Volt — LED 230Vac

*** Driver LED da ordinare separatamente, vedi pag. 243-244..**
**** LED driver to be ordered separately, see page 243-244.***

IP68 IK09 2000

accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Adatto per apparecchi codice:
Suitable for articles code:
07100 ÷ 07128
07140 ÷ 07151
07170 ÷ 07171

Code		Kg
07347	●	0,14

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.



Adatto per apparecchi codice:
Suitable for articles code:
07130 ÷ 07138
07160 ÷ 07161

Code		Kg
07348	●	0,24

Controcassa in tecnopolimero ad alta resistenza meccanica e controanello in acciaio inox AISI 316L.
Recessed installation box made of engineering plastic with high mechanical resistance and AISI 316L stainless steel counter-ring.



Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.

driver LED a tensione costante: 12 Volt > *constant voltage LED driver: 12 Volt*

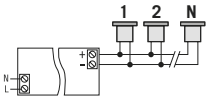
Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*			
			07141	**07151**	**07161**	**07171**
DRIVER IP20						
H7953 CEI	12 Volt	16	8	8	8	8
DRIVER IP67						
H7965 CEI	12 Volt	16	8	8	8	8

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*





Code		WATT	CEI	Kg
DRIVER IP20				
H7953 CEI	12 Volt	16	●	0,09
DRIVER IP67				
H7965 CEI	12 Volt	16	●	0,55

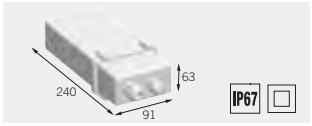


driver LED a corrente costante: 350mA > *constant current LED driver: 350mA*

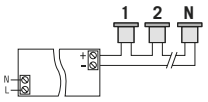
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																	
			07100	07101	07102	07103	07104	07105	07110	07111	07112	07113	07114	07115	07120	07121	07122	07123	07124	07125
			07130	07131	07132	07133	07134	07135												
DRIVER IP20																				
H7951 CEI	350	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
H7954 CEI	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
H7952 DALI	350	15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7955 DALI	350	40	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
H7952 DIMM	350	15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7955 DIMM	350	40	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
DRIVER IP67																				
H7961 CEI	350	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
H7961 DALI	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
H7961 DIMM	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

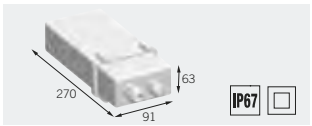




Code	mA	WATT	CEI				Kg
DRIVER IP20							
H7951 CEI	350	20	●				0,11
H7954 CEI	350	25	●				0,15
DRIVER IP67							
H7961 CEI	350	20	●				0,50

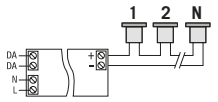




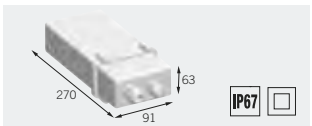


Code	mA	WATT	DALI				Kg
DRIVER IP20							
H7952 DALI	350	15	●				0,13
H7955 DALI	350	40	●				0,15
DRIVER IP67							
H7961 DALI	350	25	●				0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.

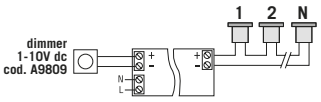






Code	mA	WATT	DIMM				Kg
DRIVER IP20							
H7952 DIMM	350	15	●				0,11
H7955 DIMM	350	40	●				0,21
DRIVER IP67							
H7961 DIMM	350	25	●				0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.





INGROUND110

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 8mm resistente agli shock termici.
Carico statico sopportabile: 2000Kg.
Apparecchio carrabile alla velocità massima di 20Km/h.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
LED con efficienza nominale sino a 126lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Doppio pressacavo M16 per collegamento in cascata.
Completo di controcassa in tecnopolimero (07496-07497).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
PER INSTALLAZIONI IN ZONE SOGGETTE A PASSAGGIO SI CONSIGLIA L'USO DI APPARECCHI CON CORNICE INOX.
A RICHIESTA L'APPARECCHIO PUO' ESSERE FORNITO CON VETRO ANTISCIVOLO.

Luminaire
Die-cast aluminium body (EN 47100).
Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Screen made of 8mm thermal-shock resistant tempered glass.
2000Kg static load capacity.
Can be driven over at maximum speed 20Km/h.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
Nominal LED efficacy up to 126lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
Double M16 cable gland for through wiring.
Supplied with recessed installation box made of engineering plastic (07496-07497).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
FIXTURES WITH STAINLESS STEEL TRIM ARE SUGGESTED FOR WALK-OVER OR DRIVE-OVER APPLICATIONS.
UPON REQUEST FIXTURES CAN BE SUPPLIED WITH ANTI-SLIP GLASS.

Accessori, vedi pag. 247-248-249.
Accessories, see page 247-248-249.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



anello in alluminio pressofuso sopra terra > *die-cast aluminium ring above ground*

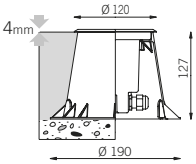
16 21

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*											
11°											
06820	**6W LED**	●		670	520	●		3000	80	45	0,80
06830	**6W LED**	●		720	560	●		4000	80	45	0,80
06840	**6W LED**	●		720	560	●		5000	80	45	0,80
Z7740	**3W LED RGB**	●				●				45	0,80
fascio medio > *medium beam*											
30°											
06821	**6W LED**	●		670	510	●		3000	80	45	0,80
06831	**6W LED**	●		720	550	●		4000	80	45	0,80
06841	**6W LED**	●		720	550	●		5000	80	45	0,80
Z7741	**3W LED RGB**	●				●				45	0,80
fascio orientabile > *adjustable beam*											
11°											
06808	**4W LED**	●		490	380	●	20	3000	80	45	0,90
06809	**4W LED**	●		530	410	●	20	4000	80	45	0,90
06810	**4W LED**	●		530	410	●	20	5000	80	45	0,90

6W LED 500mA | **LED RGB 350mA** | **4W LED 350mA**

Driver LED da ordinare separatamente, vedi pag. 248-249.
LED driver to be ordered separately, see page 248-249.

IP68 IK09 2000



Completo di controcassa da interrare in materiale termoplastico (07496).
Complete with thermoplastic material recessed installation box (07496).



fascio diffondente > *wide beam*

66°

07350	1x GU10	●	⏚		0,75

GU10 **7W LED 230Vac** | GU10 **35W HAG 230Volt**

IP68 IK09 2000

Completo di controcassa da interrare in materiale termoplastico (07496).
Complete with thermoplastic material recessed installation box (07496).



fascio diffondente > *wide beam*

07176	1x GU10	●	⏚		0,75

GU10 **7W LED 230Vac** | GU10 **35W HAG 230Volt**

IP68 IK09 2000

Completo di controcassa da interrare in materiale termoplastico (07496).
Complete with thermoplastic material recessed installation box (07496).

anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground*

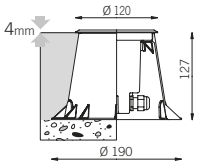


Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*											
11°											
06823	**6W LED**	●		670	520	●		3000	80	45	0,92
06833	**6W LED**	●		720	560	●		4000	80	45	0,92
06843	**6W LED**	●		720	560	●		5000	80	45	0,92
Z7742	**3W LED RGB**	●				●				45	0,92
fascio medio > *medium beam*											
30°											
06824	**6W LED**	●		670	510	●		3000	80	45	0,92
06834	**6W LED**	●		720	550	●		4000	80	45	0,92
06844	**6W LED**	●		720	550	●		5000	80	45	0,92
Z7743	**3W LED RGB**	●				●				45	0,92
fascio orientabile > *adjustable beam*											
11°											
06811	**4W LED**	●		490	380	●	20	3000	80	45	1,02
06812	**4W LED**	●		530	410	●	20	4000	80	45	1,02
06813	**4W LED**	●		530	410	●	20	5000	80	45	1,02

6W LED 500mA **LED RGB 350mA** **4W LED 350mA**

Driver LED da ordinare separatamente, vedi pag. 248-249.
LED driver to be ordered separately, see page 248-249.

IP68 IK09 2000



Completo di controcassa da interrare in materiale termoplastico (07496).
Complete with thermoplastic material recessed installation box (07496).

fascio diffondente > *wide beam*



66°

Code		SC	Class	Kg
07352	1x GU10	●	⏚	0,87

GU10 **7W LED 230Vac** GU10 **35W HAG 230Volt**

IP68 IK09 2000

Completo di controcassa da interrare in materiale termoplastico (07496).
Complete with thermoplastic material recessed installation box (07496).

fascio diffondente > *wide beam*



Code		SC	Class	Kg
07177	1x GU10	●	⏚	0,87

GU10 **7W LED 230Vac** GU10 **35W HAG 230Volt**

IP68 IK09 2000

Completo di controcassa da interrare in materiale termoplastico (07496).
Complete with thermoplastic material recessed installation box (07496).

anello e controanello in acciaio inox AISI 316L filo terra > *AISI 316L stainless steel ring and counter-ring flush with ground*

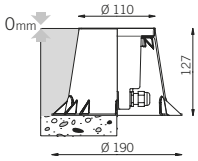


Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*											
11°											
06829	**6W LED**	●		670	520	●		3000	80	45	1,05
06839	**6W LED**	●		720	560	●		4000	80	45	1,05
06849	**6W LED**	●		720	560	●		5000	80	45	1,05
Z7746	**3W LED RGB**	●				●				45	1,05
fascio medio > *medium beam*											
30°											
06828	**6W LED**	●		670	510	●		3000	80	45	1,05
06838	**6W LED**	●		720	550	●		4000	80	45	1,05
06850	**6W LED**	●		720	550	●		5000	80	45	1,05
Z7747	**3W LED RGB**	●				●				45	1,05
fascio orientabile > *adjustable beam*											
11°											
06817	**4W LED**	●		490	380	●	20	3000	80	45	1,15
06818	**4W LED**	●		530	410	●	20	4000	80	45	1,15
06819	**4W LED**	●		530	410	●	20	5000	80	45	1,15

6W LED 500mA **LED RGB 350mA** **4W LED 350mA**

Driver LED da ordinare separatamente, vedi pag. 248-249.
LED driver to be ordered separately, see page 248-249.

IP68 IK09 2000



Completo di controcassa da interrare in materiale termoplastico (07497).
Complete with thermoplastic material recessed installation box (07497).

fascio diffondente > *wide beam*



66°

Code		SC	Class	Kg
07356	1x GU10	●	⏚	1,00

GU10 **7W LED 230Vac** GU10 **35W HAG 230Volt**

IP68 IK09 2000

Completo di controcassa da interrare in materiale termoplastico (07497).
Complete with thermoplastic material recessed installation box (07497).

fascio diffondente > *wide beam*



Code		SC	Class	Kg
07178	1x GU10	●	⏚	1,00

GU10 **7W LED 230Vac** GU10 **35W HAG 230Volt**

IP68 IK09 2000

Completo di controcassa da interrare in materiale termoplastico (07497).
Complete with thermoplastic material recessed installation box (07497).

cornice in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel frame above ground* 30

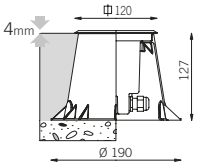


Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*											
11° **06826**	**6W LED**	●		670	520	●		3000	80	45	1,03
06836	**6W LED**	●		720	560	●		4000	80	45	1,03
06846	**6W LED**	●		720	560	●		5000	80	45	1,03
Z7744	**3W LED RGB**	●				●				45	1,03
fascio medio > *medium beam*											
30° **06827**	**6W LED**	●		670	510	●		3000	80	45	1,03
06837	**6W LED**	●		720	550	●		4000	80	45	1,03
06847	**6W LED**	●		720	550	●		5000	80	45	1,03
Z7745	**3W LED RGB**	●				●				45	1,03
fascio orientabile > *adjustable beam*											
11° **06814**	**4W LED**	●		490	380	●	20	3000	80	45	1,13
06815	**4W LED**	●		530	410	●	20	4000	80	45	1,13
06816	**4W LED**	●		530	410	●	20	5000	80	45	1,13

6W LED 500mA **LED RGB 350mA** **4W LED 350mA**

Driver LED da ordinare separatamente, vedi pag. 248-249.
LED driver to be ordered separately, see page 248-249.

IP68 IK09 2000



Completo di controcassa da interrare in materiale termoplastico (07496).
Complete with thermoplastic material recessed installation box (07496).



fascio diffondente > *wide beam*

66° **07354** 1x GU10 ● 0,98

GU10 **7W LED 230Vac** GU10 **35W HAG 230Volt**

IP68 IK09 2000

Completo di controcassa da interrare in materiale termoplastico (07496).
Complete with thermoplastic material recessed installation box (07496).



fascio diffondente > *wide beam*

07179 1x GU10 0,98

GU10 **7W LED 230Vac** GU10 **35W HAG 230Volt**

IP68 IK09 2000

Completo di controcassa da interrare in materiale termoplastico (07496).
Complete with thermoplastic material recessed installation box (07496).

accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
07496	●	0,19

Adatto per apparecchi codice:
Suitable for articles code:
06808 ÷ 06816
06820 - 06821 - 06823 - 06824 - 06826 - 06827
06830 - 06831 - 06833 - 06834 - 06836 - 06837
06840 - 06841 - 06843 - 06844 - 06846 - 06847
07176 - 07177 - 07179
07343 ÷ 07345
07350 - 07352 - 07354
Z7740 ÷ Z7745

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.



Code		Kg
07497	●	0,29

Adatto per apparecchi codice:
Suitable for articles code:
06828 - 06829
06838 - 06839
06849 - 06850
07178
07346
07356
Z7746 - Z7747

Controcassa in tecnopolimero ad alta resistenza meccanica e controanello in acciaio inox AISI 316L.
Recessed installation box made of engineering plastic with high mechanical resistance and AISI 316L stainless steel counter-ring.



Code		Kg
07932	●	0,05

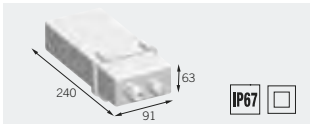
Scatola di connessione IP68.
Junction box IP68.

driver LED a corrente costante: 350mA e 500mA > *constant current LED driver: 350mA and 500mA*

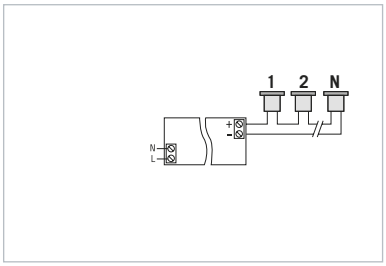
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																	
			06820	06821	06823	06824	06826	06827	06828	06829	06830	06831	06833	06834	06808	06809	06810	06811	06812	06813
			06836	06837	06838	06839	06840	06841	06843	06844	06846	06847	06849	06850	06814	06815	06816	06817	06818	06819
DRIVER IP20																				
H7951 CEI	350	20													4	4	4	4	4	4
H7954 CEI	350	25													5	5	5	5	5	5
H7952 DALI	350	15													3	3	3	3	3	3
H7955 DALI	350	40													9	9	9	9	9	9
H7952 DIMM	350	15													3	3	3	3	3	3
H7955 DIMM	350	40													9	9	9	9	9	9
H7957 CEI	500	20	3	3	3	3	3	3	3	3	3	3	3	3						
H7954 CEI	500	35	5	5	5	5	5	5	5	5	5	5	5	5						
H7952 DALI	500	25	4	4	4	4	4	4	4	4	4	4	4	4						
H7954 DALI	500	35	5	5	5	5	5	5	5	5	5	5	5	5						
H7952 DIMM	500	22	3	3	3	3	3	3	3	3	3	3	3	3						
H7954 DIMM	500	35	5	5	5	5	5	5	5	5	5	5	5	5						
DRIVER IP67																				
H7961 CEI	350	20													4	4	4	4	4	4
H7961 DALI	350	25													5	5	5	5	5	5
H7961 DIMM	350	25													5	5	5	5	5	5
H7962 CEI	500	20	3	3	3	3	3	3	3	3	3	3	3	3						
H7962 DALI	500	35	5	5	5	5	5	5	5	5	5	5	5	5						
H7962 DIMM	500	35	5	5	5	5	5	5	5	5	5	5	5	5						

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

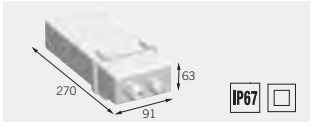




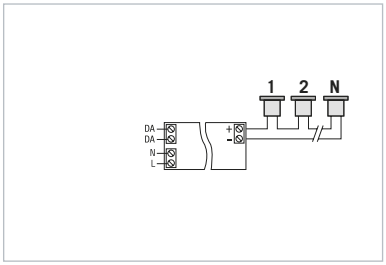
Code	mA	WATT	CEI	Kg
DRIVER IP20				
H7951 CEI	350	20	●	0,11
H7957 CEI	500	20	●	0,11
H7954 CEI	350-500	25-35	●	0,15
DRIVER IP67				
H7961 CEI	350	20	●	0,50
H7962 CEI	500	20	●	0,50





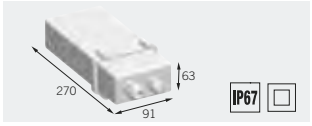


Code	mA	WATT	DALI	Kg
DRIVER IP20				
H7952 DALI	350-500	15-25	●	0,13
H7954 DALI	500	35	●	0,15
H7955 DALI	350	40	●	0,15
DRIVER IP67				
H7961 DALI	350	25	●	0,50
H7962 DALI	500	35	●	0,50

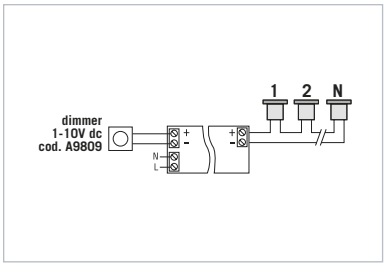


Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.





Code	mA	WATT	DIMM	Kg
DRIVER IP20				
H7952 DIMM	350-500	15-22	●	0,11
H7954 DIMM	500	35	●	0,15
H7955 DIMM	350	40	●	0,15
DRIVER IP67				
H7961 DIMM	350	25	●	0,50
H7962 DIMM	500	35	●	0,50

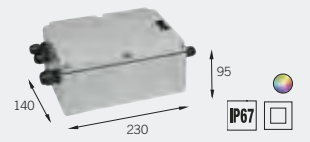


Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.

driver LED **RGB** a corrente costante: 350mA > *constant currente **RGB** LED driver: 350mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*							
			Z7740	**Z7741**	**Z7742**	**Z7743**	**Z7744**	**Z7745**	**Z7746**	**Z7747**
Z7791-40 DMX	350	3x6	6	6	6	6	6	6	6	6

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	DMX	Kg
Z7791-40 DMX	350	3x6	●	1,00

Driver LED **RGB**



Code		Kg
Z7790-21	●	0,75

DMX Controller

La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).

The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).

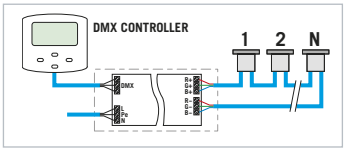


Code		Kg
Z7790-23	on request	0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.

The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.



Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 11.

Cabling diagrams, specifications for driver installation and light control systems, see pagee 11 "Controlling the light ".





INGROUNDSHORT 180

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver con protezione alle sovra-tensioni di rete.
Lenti LED in PMMA.
Riflettore in acciaio verniciato a polvere poliestere colore bianco (versione 10W FSQ).
Schermo in vetro temperato di spessore 10mm resistente agli shock termici.
Carico statico sopportabile: 2000-5000Kg.
Apparecchio carrabile alla velocità massima di 20Km/h.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
LED con efficienza nominale sino a 131lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Pressacavo PG11 in tecnopolimero.
Completo di controcassa in tecnopolimero (O7795).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
PER INSTALLAZIONI IN ZONE SOGGETTE A PASSAGGIO SI CONSIGLIA L'USO DI APPARECCHI CON CORNICE INOX.
A RICHIESTA L'APPARECCHIO PUO' ESSERE FORNITO CON VETRO ANTISCIVOLO.

Luminaire
Die-cast aluminium body (EN 47100).
Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges.
PMMA lenses for LEDs.
White polyester powder painted steel reflector (10W FSQ version).
Screen made of 10mm thermal-shock resistant tempered glass.
2000-5000Kg static load capacity.
Can be driven over at maximum speed 20Km/h.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
Nominal LED efficacy up to 131lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
PG11 engineering plastic cable gland.
Supplied with recessed installation box made of engineering plastic (O7795).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
FIXTURES WITH STAINLESS STEEL TRIM ARE SUGGESTED FOR WALK-OVER OR DRIVE-OVER APPLICATIONS.
UPON REQUEST FIXTURES CAN BE SUPPLIED WITH ANTI-SLIP GLASS.

Accessori, vedi pag. 252.
Accessories, see page 252.

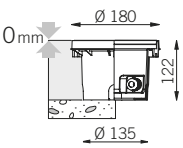
Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

anello in alluminio pressofuso a filo terra > *die-cast aluminium ring flush with ground*

16 ● 21 ●



Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*													
10°													
06851	**9W LED**					1100	780	●		3000	80	40	1,56
06852	**9W LED**					1200	840	●		4000	80	40	1,56
06860	**9W LED**					1200	840	●		5000	80	40	1,56
Z7750*	**9W LED RGB**	●						●				40	1,56
fascio medio > *medium beam*													
30°													
06853	**9W LED**					1100	710	●		3000	80	40	1,56
06854	**9W LED**					1200	770	●		4000	80	40	1,56
06861	**9W LED**					1200	770	●		5000	80	40	1,56
Z7751*	**9W LED RGB**	●						●				40	1,56



LED | LED RGB 350mA

*** Driver LED da ordinare separatamente, vedi pag. 252.**
**** LED driver to be ordered separately, see page 252.***

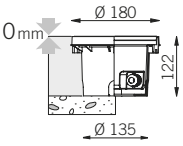
IP67 IK10 3000

anello in alluminio pressofuso a filo terra > *die-cast aluminium ring flush with ground*

16 ● 21 ●



Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio diffondente > *wide beam*													
107°													
06800	**10W LED**					1300	270	●		3000	80	40	2,20
06801	**10W LED**					1300	270	●		4000	80	40	2,20
06802	**10W LED**					1300	270	●		5000	80	40	2,20



LED 230 Vac

Driver LED incluso.
Driver LED included.

IP67 IK10 2000



anello in alluminio pressofuso a filo terra > *die-cast aluminium ring flush with ground*

16 21

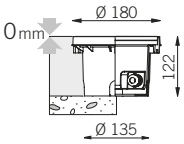
fascio diffondente > *wide beam*

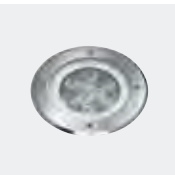
Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Tmax (°C)	Kg
07720	1x **10W FSQ** G24d-1	●				600		●		4000	80	53	1,61

120°

G24 d-1 **10W FSQ**
OSRAM
SYLVANIA

IP67 IK10 2000





anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground*

30

fascio concentrante > *narrow beam*

Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
06855	**9W LED**			●		1100	780	●		3000	80	40	2,20
06862	**9W LED**			●		1200	840	●		4000	80	40	2,20
06863	**9W LED**			●		1200	840	●		5000	80	40	2,20
Z7753*	**9W LED RGB**	●						●				40	2,20

10°

fascio medio > *medium beam*

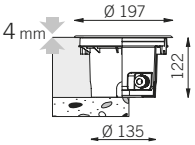
Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
06856	**9W LED**			●		1100	710	●		3000	80	40	2,20
06857	**9W LED**			●		1200	770	●		4000	80	40	2,20
06864	**9W LED**			●		1200	770	●		5000	80	40	2,20
Z7754*	**9W LED RGB**	●						●				40	2,20

30°

LED
LED RGB 350mA

*** Driver LED da ordinare separatamente, vedi pag. 252.**
**** LED driver to be ordered separately, see page 252.***

IP67 IK10 3000





anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground*

30

fascio diffondente > *wide beam*

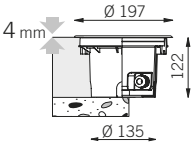
Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
06803	**10W LED**			●		1300	270	●		3000	80	40	2,84
06822	**10W LED**			●		1300	270	●		4000	80	40	2,84
06825	**10W LED**			●		1300	270	●		5000	80	40	2,84

107°

LED
230 Vac

Driver LED incluso.
Driver LED included.

IP67 IK10 2000





anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground*

30

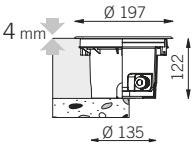
fascio diffondente > *wide beam*

Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Tmax (°C)	Kg
07724	1x **10W FSQ** G24d-1	●				600		●		4000	80	53	1,97

120°

G24 d-1 **10W FSQ**
OSRAM
SYLVANIA

IP67 IK10 2000





cornice in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel frame above ground*

30

fascio concentrante > *narrow beam*

Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
06858	**9W LED**			●		1100	780	●		3000	80	40	2,47
06865	**9W LED**			●		1200	840	●		4000	80	40	2,47
06866	**9W LED**			●		1200	840	●		5000	80	40	2,47
Z7756*	**9W LED RGB**	●						●				40	2,47

10°

fascio medio > *medium beam*

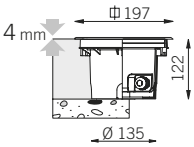
Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
06859	**9W LED**			●		1100	710	●		3000	80	40	2,47
06868	**9W LED**			●		1200	770	●		4000	80	40	2,47
06867	**9W LED**			●		1200	770	●		5000	80	40	2,47
Z7757*	**9W LED RGB**	●						●				40	2,47

30°

LED
LED RGB 350mA

*** Driver LED da ordinare separatamente, vedi pag. 252.**
**** LED driver to be ordered separately, see page 252.***

IP67 IK10 3000



cornice in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel frame above ground*

30



fascio diffondente > *wide beam*

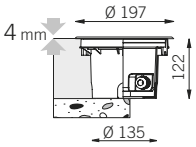
Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
06832	**10W LED**					1300	270	●		3000	80	40	3,09
06835	**10W LED**					1300	270	●		4000	80	40	3,09
06842	**10W LED**					1300	270	●		5000	80	40	3,09

107°

LED
230 Vac

Driver LED incluso.
Driver LED included.

IP67 IK10 2000



cornice in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel frame above ground*

30



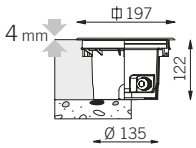
fascio diffondente > *wide beam*

Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Tmax (°C)	Kg
07730	1x **10W FSQ** G24d-1		●			600		●		4000	80	53	2,54

120°

G24 d-1 **10W FSQ**
OSRAM
SYLVANIA

IP67 IK10 2000



accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
07795	●	0,20

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.



Da ordinare unitamente all'apparecchio.
To order with the light fitting.

Code		Kg
07790	●	0,37

Vetro acidato antiscivolo.
Anti-slip opal glass.

Adatto per apparecchi con anello in alluminio pressofuso.
Suitable for articles with die-cast aluminium ring.



Da ordinare unitamente all'apparecchio.
To order with the light fitting.

Code		Kg
07791	●	0,55

Vetro acidato antiscivolo.
Anti-slip opal glass.

Adatto per apparecchi con anello o cornice in acciaio inox AISI 316L.
Suitable for articles with AISI 316L stainless steel ring or frame.



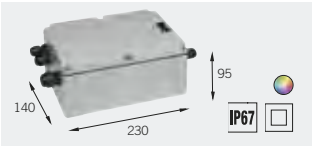
Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.

driver LED **RGB** a corrente costante: 350mA > *constant currente **RGB** LED driver: 350mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*					
			Z7750	**Z7751**	**Z7753**	**Z7754**	**Z7756**	**Z7757**
Z7791-40 DMX	350	3x6	2	2	2	2	2	2

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	DMX	Kg
Z7791-40 DMX	350	3x6	●	1,00

Driver LED **RGB**



Code		Kg
Z7790-21	●	0,75

DMX Controller

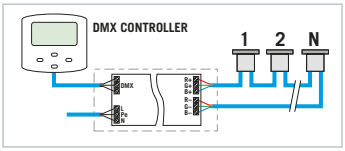
La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).



Code		Kg
Z7790-23	on request	0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.



DMX

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".



INGROUND180

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 10mm resistente agli shock termici.
Carico statico sopportabile: 3000-5000Kg.
Apparecchio carrabile alla velocità massima di 20Km/h.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
Disponibili versioni con lampade tradizionali.
LED con efficienza nominale sino a 124lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.

Installazione
Installazione ad incasso.
Doppio pressacavo PG13,5 per collegamento in cascata.
Completo di controcassa in tecnopolimero (07495,07498).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
PER INSTALLAZIONI IN ZONE SOGGETTE A PASSAGGIO SI CONSIGLIA L'USO DI APPARECCHI CON CORNICE INOX.
A RICHIESTA L'APPARECCHIO PUO' ESSERE FORNITO CON VETRO ANTISCIVOLO.

Luminaire
Die-cast aluminium body (EN 47100).
Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Screen made of 10mm thermal-shock resistant tempered glass.
3000-5000Kg static load capacity.
Can be driven over at maximum speed 20Km/h.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
Available with conventional lamps.
Nominal LED efficacy up to 124lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.

Installation
Recessed installation.
Double PG13,5 cable gland for through wiring.
Supplied with recessed installation box made of engineering plastic (07495,07498).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
FIXTURES WITH STAINLESS STEEL TRIM ARE SUGGESTED FOR WALK-OVER OR DRIVE-OVER APPLICATIONS.
UPON REQUEST FIXTURES CAN BE SUPPLIED WITH ANTI-SLIP GLASS.

Accessori, vedi pag. 255.
Accessories, see page 255.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

LED • anello in alluminio pressofuso a filo terra > *die-cast aluminium ring flush with ground*

16 ● 21 ●

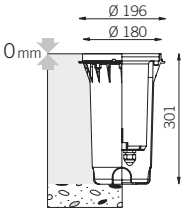


Completo di controcassa da interrare in materiale termoplastico (07498).
Complete with thermoplastic material recessed installation box (07498).

Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante • orientabile > *narrow beam • adjustable*													
24°													
07703	**8W LED**		●	⏚		830	750	●	10	4000	80	50	2,35
fascio medio • orientabile > *medium beam • adjustable*													
41°													
07707	**8W LED**		●	⏚		830	750	●	10	4000	80	50	2,35

LED

IP67 IK10 3000



anello in alluminio pressofuso a filo terra > *die-cast aluminium ring flush with ground*

16 ● 21 ●





Completo di controcassa da interrare in materiale termoplastico (07498).
Complete with thermoplastic material recessed installation box (07498).

Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Tmax (°C)	Kg
fascio diffondente > *wide beam*													
120°													
07400	1x E27	●		⏚									2,66
07402	1x **18W FSM** GX24 d-2		●	⏚		1200		●		4000	80	72	3,00

E27 **10W FSM-E** | E27 **LED** | E27 **50W HEG** | GX24 d-2 **18W FSM**

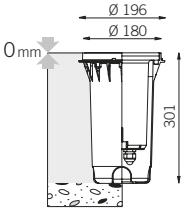
IP67 IK10 3000

fascio orientabile > *adjustable beam*

07407	1x E27	●		⏚					15				2,96
07408	1x GU10	●		⏚					15				2,76

GU10 **7W LED** | E27 **LED** | GU10 **50W HAG**

IP67 IK10 3000

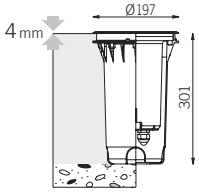


LED • anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground*

30



Completo di controcassa da interrare in materiale termoplastico (07498).
Complete with thermoplastic material recessed installation box (07498).



Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante • orientabile > narrow beam • adjustable													
24°													
07711	**8W LED**					830	750	●	10	4000	80	50	2,97
fascio medio • orientabile > medium beam • adjustable													
41°													
07715	**8W LED**					830	750	●	10	4000	80	50	2,97

LED

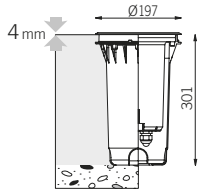
IP67 IK10 5000

anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground*

30



Completo di controcassa da interrare in materiale termoplastico (07498).
Complete with thermoplastic material recessed installation box (07498).



Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Tmax (°C)	Kg
fascio diffondente > wide beam													
120°													
07470	1x E27	●											3,28
07472	1x **18W FSM** GX24 d-2		●			1200		●		4000	80	72	3,62

E27 **10W FSM-E** E27 **LED** E27 **50W HEG** GX24 d-2 **18W FSM**

IP67 IK10 3000

fascio orientabile > adjustable beam

07477	1x E27	●							15				3,58
07478	1x GU10	●							15				3,38

GU10 **7W LED** E27 **LED** GU10 **50W HAG**

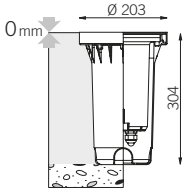
IP67 IK10 5000

LED • anello e controanello in acciaio inox AISI 316L a filo terra > *AISI 316L stainless steel ring and counter-ring flush with ground*

30



Completo di controcassa da interrare in materiale termoplastico (07495).
Complete with thermoplastic material recessed installation box (07495).



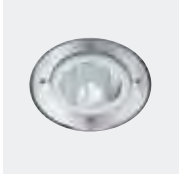
Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante • orientabile > narrow beam • adjustable													
24°													
07733	**8W LED**					830	750	●	10	4000	80	50	2,99
fascio medio • orientabile > medium beam • adjustable													
41°													
07736	**8W LED**					830	750	●	10	4000	80	50	2,99

LED

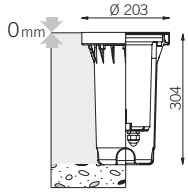
IP67 IK10 5000

anello e controanello in acciaio inox AISI 316L a filo terra > *AISI 316L stainless steel ring and counter-ring flush with ground*

30



Completo di controcassa da interrare in materiale termoplastico (07495).
Complete with thermoplastic material recessed installation box (07495).



Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Tmax (°C)	Kg
fascio diffondente > wide beam													
120°													
07460	1x E27	●											3,30
07462	1x **18W FSM** GX24 d-2		●			1200		●		4000	80	72	3,64

E27 **10W FSM-E** E27 **LED** E27 **50W HEG** GX24 d-2 **18W FSM**

IP67 IK10 3000

fascio orientabile > adjustable beam

07467	1x E27	●							15				3,60
07468	1x GU10	●							15				3,40

GU10 **7W LED** E27 **LED** GU10 **50W HAG**

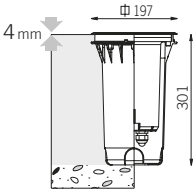
IP67 IK10 5000

LED • cornice in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel frame above ground*

30



Completo di controcassa da interrare in materiale termoplastico (07498).
Complete with thermoplastic material recessed installation box (07498).



Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante • orientabile > *narrow beam • adjustable*													
24°													
07781	**8W LED**					830	750	●	10	4000	80	50	3,23
fascio medio • orientabile > *medium beam • adjustable*													
41°													
07784	**8W LED**					830	750	●	10	4000	80	50	3,23

LED

IP67 IK10 5000

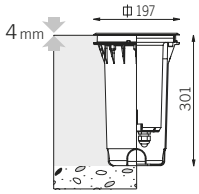
cornice in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel frame above ground*

30





Completo di controcassa da interrare in materiale termoplastico (07498).
Complete with thermoplastic material recessed installation box (07498).



Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Tmax (°C)	Kg
fascio diffondente > *wide beam*													
120°													
07450	1x E27	●											3,54
07452	1x **18W FSM** GX24 d-2		●			1200		●		4000	80	72	3,88

E27 **10W FSM-E** | E27 **LED** | E27 **50W HEG** | GX24 d-2 **18W FSM**

IP67 IK10 3000

fascio orientabile > *adjustable beam*

07457	1x E27	●							15				3,84
07458	1x GU10	●							15				3,64

GU10 **7W LED** | E27 **LED** | GU10 **50W HAG**

IP67 IK10 5000

accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Adatto per apparecchi con anello in acciaio inox AISI 316L o alluminio pressofuso.
Suitable for articles with AISI 316L stainless steel ring or die-cast aluminium ring.

Code		Kg
07498	●	0,50

Controcassa in tecnopolimero.
Recessed installation box made of engineering plastic.



Adatto per apparecchi con anello e controanello in acciaio inox AISI 316L.
Suitable for articles with AISI 316L stainless steel ring and counter-ring.

Code		Kg
07495	●	0,90

Controcassa in tecnopolimero ad alta resistenza meccanica e controanello in acciaio inox AISI 316L.
Recessed installation box made of engineering plastic with high mechanical resistance and AISI 316L stainless steel counter-ring.



Da ordinare unitamente all'apparecchio.
To order with the light fitting.

Code		Kg
07790	●	0,37

Vetro acidato antiscivolo.
Anti-slip opal glass.

Adatto per apparecchi con anello in alluminio pressofuso.
Suitable for articles with die-cast aluminium ring.



Da ordinare unitamente all'apparecchio.
To order with the light fitting.

Code		Kg
07791	●	0,55

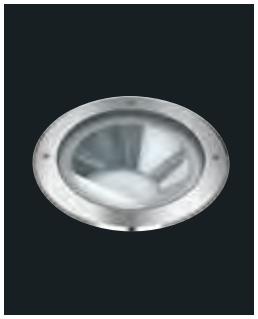
Vetro acidato antiscivolo.
Anti-slip opal glass.

Adatto per apparecchi con anello e controanello in acciaio inox AISI 316L o con anello in acciaio inox AISI 316L.
Suitable for articles with AISI 316L stainless steel ring and counter-ring or with AISI 316L stainless steel ring.



Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.



INGROUND260

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Riflettore in alluminio 99,85 anodizzato speculare antiridiscente o satinato.
Schermo in vetro temperato di spessore 15mm resistente agli shock termici.
Carico statico sopportabile: 5000-6000Kg.
Apparecchio carrabile alla velocità massima di 20Km/h.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
LED con efficienza nominale sino a 131lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Doppio pressacavo PG16 per collegamento in cascata.
Fornito completo di cavo d'alimentazione (0,7m).
Completo di controcassa in tecnopolimero (O7598,07599).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
PER INSTALLAZIONI IN ZONE SOGGETTE A PASSAGGIO SI CONSIGLIA L'USO DI APPARECCHI CON CORNICE INOX.
A RICHIESTA L'APPARECCHIO PUO' ESSERE FORNITO CON VETRO ANTISCIVOLO.

Luminaire
Die-cast aluminium body (EN 47100).
Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Reflector made of 99,85 anodized aluminium with satin or non-iridescent specular finishing.
Screen made of 15mm thermal-shock resistant tempered glass.
5000-6000Kg static load capacity.
Can be driven over at maximum speed 20Km/h.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
Nominal LED efficacy up to 131lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
Double PG16 cable gland for through wiring.
Supplied with power cable (0,7m).
Supplied with recessed installation box made of engineering plastic (O7598,07599).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
FIXTURES WITH STAINLESS STEEL TRIM ARE SUGGESTED FOR WALK-OVER OR DRIVE-OVER APPLICATIONS.
UPON REQUEST FIXTURES CAN BE SUPPLIED WITH ANTI-SLIP GLASS.

Accessori, vedi pag. 261.
Accessories, see page 261.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



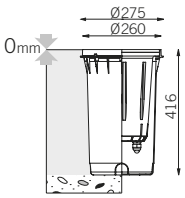
LED • anello in alluminio pressofuso a filo terra > *die-cast aluminium ring flush with ground*

16 ● 21 ●









Code	WATT	CR	CEI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio medio > *medium beam*													
38°													
07688	**15W LED**		●		⏚	1700	1300	●		3000	80	45	6,00
07689	**15W LED**		●		⏚	1800	1400	●		4000	80	45	6,00
fascio diffondente > *wide beam*													
79°													
07690	**15W LED**		●		⏚	1700	1300	●		3000	80	45	6,00
07691	**15W LED**		●		⏚	1800	1400	●		4000	80	45	6,00
fascio concentrante > *narrow beam*													
12°													
07740	**28W LED**		●		⏚	3400	2650	●		3000	80	50	8,05
07741	**28W LED**		●		⏚	3700	2900	●		4000	80	50	8,05
07660	**28W LED**		●		⏚	3700	2900	●		5000	80	50	8,05
Z7800	**21W LED RGB**			●	⏚			●				50	8,05
fascio medio > *medium beam*													
30°													
07742	**28W LED**		●		⏚	3400	2500	●		3000	80	50	8,05
07743	**28W LED**		●		⏚	3700	2700	●		4000	80	50	8,05
07661	**28W LED**		●		⏚	3700	2700	●		5000	80	50	8,05
Z7801	**21W LED RGB**			●	⏚			●				50	8,05
fascio orientabile > *adjustable beam*													
10°													
07744	**13W LED**		●		⏚	1500	1050	●	30	3000	80	45	7,90
07745	**13W LED**		●		⏚	1600	1100	●	30	4000	80	45	7,90
07662	**13W LED**		●		⏚	1600	1100	●	30	5000	80	45	7,90
Z7802	**9W LED RGB**			●	⏚			●	30			45	7,90

LED

Driver LED incluso.
DMX controller da ordinare separatamente, vedi pag. 261.
LED driver included.
DMX controller to be ordered separately, see page 261.

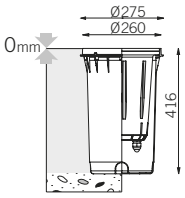
IP67 IK10 5000

anello in alluminio pressofuso a filo terra > *die-cast aluminium ring flush with ground*

16 ● 21 ●



07506



Code	WATT	C	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP		K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*													
07506	1x **70W MD** RX7s		●		⏚	6500		●	19°	4200	80	126	7,76
07680	1x **35W MT** G12			●	⏚	3400		●	6,5°	4200	90	95	8,01
07681	1x **70W MT** G12			●	⏚	6800		●	7,5°	4200	90	165	8,01
fascio diffondente > *wide beam*													
07501	1x **35W MT** G12		●		⏚	3400		●	83°	4200	90	91	7,83
07502	1x **70W MT** G12		●		⏚	6800		●	83°	4200	90	129	7,83
07508	1x **26W FSQ** G24 d-3	●			⏚	1800		●	100°	4000	80	61	7,11
	1x **26W FSQ** G24 q-3			●	⏚	1800		●	100°	4000	80	61	6,78
07509	1x **42W FSM** GX24 q-4			●	⏚	3200		●	100°	4000	80	70	6,78
fascio orientabile > *adjustable beam*													
±γ = 20°													
07507	1x **70W MD** RX7s		●		⏚	6500		●	22°	4200	80	163	8,01
07504	1x **35W MT** G12		●		⏚	3400		●	22°	4200	90	92	8,01
07505	1x **70W MT** G12		●		⏚	6800		●	22°	4200	90	163	8,01
fascio asimmetrico > *asymmetrical beam*													
Imax = 16°													
07503	1x **70W MD** RX7s		●		⏚	6500		●		4200	80	98	7,89
wallwasher													
Imax = 18°													
07701	1x **35W MT** G12			●	⏚	3400		●		4200	90	74	7,4

RX7s **70W MD**
G12 **35W MT** G12 **70W MT**
G24 d-3 **26W FSQ** G24 q-3 **26W FSQ**
GX24 q-4 **42W FSM**

IP67 IK10 5000

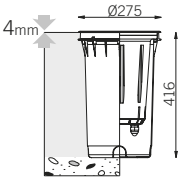


07680 - 07681 | **07501 - 07502** | **07508 - 07509** | **07507** | **07504 - 07505** | **07503** | **07701**

LED • anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground*

30





Code	WATT	CR	CEI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio medio > *medium beam*													
38°													
07886	**15W LED**		●		⏚	1700	1300	●		3000	80	45	7,61
07887	**15W LED**		●		⏚	1800	1400	●		4000	80	45	7,61
fascio diffondente > *wide beam*													
79°													
07888	**15W LED**		●		⏚	1700	1300	●		3000	80	45	7,61
07889	**15W LED**		●		⏚	1800	1400	●		4000	80	45	7,61
fascio concentrante > *narrow beam*													
12°													
07746	**28W LED**		●		⏚	3400	2650	●		3000	80	50	9,66
07747	**28W LED**		●		⏚	3700	2900	●		4000	80	50	9,66
07668	**28W LED**		●		⏚	3700	2900	●		5000	80	50	9,66
Z7808	**21W LED RGB**			●	⏚			●				50	9,66
fascio medio > *medium beam*													
30°													
07748	**28W LED**		●		⏚	3400	2500	●		3000	80	50	9,66
07749	**28W LED**		●		⏚	3700	2700	●		4000	80	50	9,66
07669	**28W LED**		●		⏚	3700	2700	●		5000	80	50	9,66
Z7809	**21W LED RGB**			●	⏚			●				50	9,66
fascio orientabile > *adjustable beam*													
10°													
07750	**13W LED**		●		⏚	1500	1050	●	30	3000	80	45	9,51
07751	**13W LED**		●		⏚	1600	1100	●	30	4000	80	45	9,51
07670	**13W LED**		●		⏚	1600	1100	●	30	5000	80	45	9,51
Z7810	**9W LED RGB**			●	⏚			●	30			45	9,51

LED

Driver LED incluso.
DMX controller da ordinare separatamente, vedi pag. 261.
LED driver included.
DMX controller to be ordered separately, see page 261.

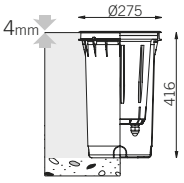
IP67 IK10 5000

anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground*

30



07546



Code	WATT	C	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP		K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*													
07546	1x **70W MD** RX7s		●		⏚	6500		●	19°	4200	80	126	8,87
07684	1x **35W MT** G12			●	⏚	3400		●	6,5°	4200	90	95	9,12
07685	1x **70W MT** G12			●	⏚	6800		●	7,5°	4200	90	165	9,12
fascio diffondente > *wide beam*													
07541	1x **35W MT** G12		●		⏚	3400		●	83°	4200	90	91	8,94
07542	1x **70W MT** G12		●		⏚	6800		●	83°	4200	90	129	8,94
07548	1x **26W FSQ** G24 d-3	●			⏚	1800		●	100°	4000	80	61	8,87
	1x **26W FSQ** G24 q-3			●	⏚	1800		●	100°	4000	80	61	7,89
07549	1x **42W FSM** GX24 q-4			●	⏚	3200		●	100°	4000	80	70	7,89
fascio orientabile > *adjustable beam*													
±γ = 20°													
07547	1x **70W MD** RX7s		●		⏚	6500		●	22°	4200	80	163	9,12
07544	1x **35W MT** G12		●		⏚	3400		●	22°	4200	90	92	9,12
07545	1x **70W MT** G12		●		⏚	6800		●	22°	4200	90	163	9,12
fascio asimmetrico > *asymmetrical beam*													
Imax = 16°													
07543	1x **70W MD** RX7s		●		⏚	6500		●		4200	80	98	8,90
wallwasher													
Imax = 18°													
07709	1x **35W MT** G12			●	⏚	3400		●		4200	80	74	8,72

RX7s **70W MD**

G12 **35W MT**
G12 **70W MT**

G24 d-3 **26W FSQ**
G24 q-3 **26W FSQ**

GX24 q-4 **42W FSM**

IP67 IK10 5000

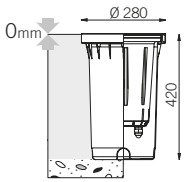


07684 - 07685 | 07541 - 07542 | 07548 - 07549 | 07547 | 07544 - 07505 | 07543 | 07709

LED • anello e controanello in acciaio inox AISI 316L a filo terra > *AISI 316L stainless steel ring and counter-ring flush with ground*

30





Code	WATT	CR	CEI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio medio > *medium beam*													
38°													
07916	**15W LED**		●			1700	1300	●		3000	80	45	7,66
07917	**15W LED**		●			1800	1400	●		4000	80	45	7,66
fascio diffondente > *wide beam*													
79°													
07918	**15W LED**		●			1700	1300	●		3000	80	45	7,66
07919	**15W LED**		●			1800	1400	●		4000	80	45	7,66
fascio concentrante > *narrow beam*													
12°													
07752	**28W LED**		●			3400	2650	●		3000	80	50	9,71
07753	**28W LED**		●			3700	2900	●		4000	80	50	9,71
07664	**28W LED**		●			3700	2900	●		5000	80	50	9,71
Z7804	**21W LED RGB**			●				●				50	9,71
fascio medio > *medium beam*													
30°													
07754	**28W LED**		●			3400	2500	●		3000	80	50	9,71
07755	**28W LED**		●			3700	2700	●		4000	80	50	9,71
07665	**28W LED**		●			3700	2700	●		5000	80	50	9,71
Z7805	**21W LED RGB**			●				●				50	9,71
fascio orientabile > *adjustable beam*													
10°													
07756	**13W LED**		●			1500	1050	●	30	3000	80	45	9,56
07757	**13W LED**		●			1600	1100	●	30	4000	80	45	9,56
07666	**13W LED**		●			1600	1100	●	30	5000	80	45	9,56
Z7806	**9W LED RGB**			●				●	30			45	9,56

LED

Driver LED incluso.
DMX controller da ordinare separatamente, vedi pag. 261.
LED driver included.
DMX controller to be ordered separately, see page 261.

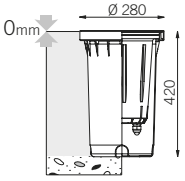
IP67 IK10 5000



07556

anello e controanello in acciaio inox AISI 316L a filo terra > *AISI 316L stainless steel ring and counter-ring flush with ground*

30



Code	WATT	C	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP		K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*													
07556	1x **70W MD** RX7s		●			6500		●	19°	4200	80	126	9,37
07682	1x **35W MT** G12			●		3400		●	6,5°	4200	90	95	9,62
07683	1x **70W MT** G12			●		6800		●	7,5°	4200	90	165	9,62
fascio diffondente > *wide beam*													
07551	1x **35W MT** G12		●			3400		●	83°	4200	90	91	9,44
07552	1x **70W MT** G12		●			6800		●	83°	4200	90	129	9,44
07558	1x **26W FSQ** G24 d-3	●				1800		●	100°	4000	80	61	9,37
	1x **26W FSQ** G24 q-3			●		1800		●	100°	4000	80	61	8,39
07559	1x **42W FSM** GX24 q-4			●		3200		●	100°	4000	80	70	8,39
fascio orientabile > *adjustable beam*													
±γ = 20°													
07557	1x **70W MD** RX7s		●			6500		●	22°	4200	80	163	9,62
07554	1x **35W MT** G12		●			3400		●	22°	4200	90	92	9,62
07555	1x **70W MT** G12		●			6800		●	22°	4200	90	163	9,62
fascio asimmetrico > *asymmetrical beam*													
Imax = 16°													
07553	1x **70W MD** RX7s		●			6500		●		4200	80	98	9,40
wallwasher													
Imax = 18°													
07705	1x **35W MT** G12			●		3400		●		4200	90	74	9,22

RX7s **70W MD**

G12 **35W MT**
G12 **70W MT**

G24 d-3 **26W FSQ**
G24 q-3 **26W FSQ**

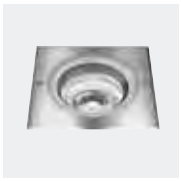
GX24 q-4 **42W FSM**

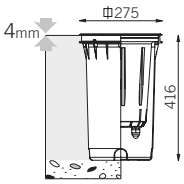
IP67 IK10 5000



07682 - 07683 | **07551 - 07552** | **07558 - 07559** | **07557** | **07554 - 07555** | **07553** | **07705**

LED • cornice in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel frame above ground* 30





Code	WATT	CR	CEI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
fascio medio > *medium beam*													
38°													
07920	**15W LED**		●		⏚	1700	1300	●		3000	80	45	7,54
07921	**15W LED**		●		⏚	1800	1400	●		4000	80	45	7,54
fascio diffondente > *wide beam*													
79°													
07922	**15W LED**		●		⏚	1700	1300	●		3000	80	45	7,54
07923	**15W LED**		●		⏚	1800	1400	●		4000	80	45	7,54



fascio concentrante > *narrow beam*													
12°													
07758	**28W LED**		●		⏚	3400	2650	●		3000	80	50	9,59
07759	**28W LED**		●		⏚	3700	2900	●		4000	80	50	9,59
07672	**28W LED**		●		⏚	3700	2900	●		5000	80	50	9,59
Z7812	**21W LED RGB**			●	⏚			●				50	9,59
fascio medio > *medium beam*													
30°													
07760	**28W LED**		●		⏚	3400	2500	●		3000	80	50	9,59
07761	**28W LED**		●		⏚	3700	2700	●		4000	80	50	9,59
07673	**28W LED**		●		⏚	3700	2700	●		5000	80	50	9,59
Z7813	**21W LED RGB**			●	⏚			●				50	9,59



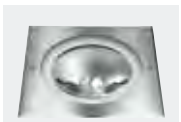
fascio orientabile > *adjustable beam*													
10°													
07762	**13W LED**		●		⏚	1500	1050	●	30	3000	80	45	9,44
07763	**13W LED**		●		⏚	1600	1100	●	30	4000	80	45	9,44
07674	**13W LED**		●		⏚	1600	1100	●	30	5000	80	45	9,44
Z7814	**9W LED RGB**			●	⏚			●	30			45	9,44

LED

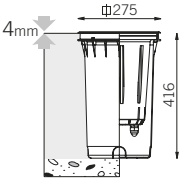
Driver LED incluso.
DMX controller da ordinare separatamente, vedi pag. 261.
LED driver included.
DMX controller to be ordered separately, see page 261.

IP67 IK10 5000

cornice in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel frame above ground* 30



07566



Code	WATT	C	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP		K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*													
07566	1x **70W MD** RX7s		●		⏚	6500		●	19°	4200	80	126	9,30
07686	1x **35W MT** G12			●	⏚	3400		●	6,5°	4200	90	95	9,55
07687	1x **70W MT** G12			●	⏚	6800		●	7,5°	4200	90	165	9,55
fascio diffondente > *wide beam*													
07561	1x **35W MT** G12		●		⏚	3400		●	83°	4200	90	91	9,37
07562	1x **70W MT** G12		●		⏚	6800		●	83°	4200	90	129	9,37
07568	1x **26W FSQ** G24 d-3	●			⏚	1800		●	100°	4000	80	61	9,30
	1x **26W FSQ** G24 q-3			●	⏚	1800		●	100°	4000	80	61	8,32
07569	1x **42W FSM** GX24 q-4			●	⏚	3200		●	100°	4000	80	70	8,32
fascio orientabile > *adjustable beam*													
±γ = 20°													
07567	1x **70W MD** RX7s		●		⏚	6500		●	22°	4200	80	163	9,55
07564	1x **35W MT** G12		●		⏚	3400		●	22°	4200	90	92	9,55
07565	1x **70W MT** G12		●		⏚	6800		●	22°	4200	90	163	9,55
fascio asimmetrico > *asymmetrical beam*													
Imax = 16°													
07563	1x **70W MD** RX7s		●		⏚	6500		●		4200	80	98	9,33

RX7s **70W MD**
G12 **35W MT** G12 **70W MT**
215 **70W SD**
G24 d-3 **26W FSQ** G24 q-3 **26W FSQ**
GX24 q-4 **42W FSM**

IP67 IK10 5000



07686 - 07687 | **07561 - 07562** | **07568 - 07569** | **07567** | **07564** | **07563 - 07537**

accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).

It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
07598		1,00

Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.

Adatto per apparecchi con anello in acciaio inox AISI 316L o alluminio pressofuso.
Suitable for articles with AISI 316L stainless steel ring or die-cast aluminium ring.



Code		Kg
07599		1,60

Controcassa da interrare in materiale termoplastico con controanello in acciaio inox AISI 316L.
Thermoplastic material recessed installation box with AISI 316L stainless steel counter-ring.

Adatto per apparecchi con anello e controanello in acciaio inox AISI 316L.
Suitable for articles with AISI 316L stainless steel ring and counter-ring.



Code		Kg
07591-12		0,23

Frangiluce direzionale antiabbagliamento.
Permette di direzionare la luce evitando dispersioni nelle zone circostanti e limitando l'inquinamento luminoso.
Directional louvre for glare control.
It allows the light flux orientation preventing light dispersion in the surrounding areas and limiting light pollution.

Non adatto per i codici:
Not suitable for codes:
07660 ÷ 07674
07701 - 07705 - 07709
07740 ÷ 07763
Z7800 ÷ Z7814



Code		Kg
07592-12		0,18

Frangiluce antiabbagliamento.
Permette di concentrare la luce evitando dispersioni di luce e abbagliamenti.
Glare-control louvre.
It allows the light flux orientation and prevents light dispersion and glare effects.

Non adatto per i codici:
Not suitable for codes:
07660 ÷ 07674
07701 - 07705 - 07709
07740 ÷ 07763
Z7800 ÷ Z7814



Code		Kg
07594		1,40

Vetro acidato antiscivolo.
Anti-slip opal glass.

Da ordinare unitamente all'apparecchio.
To order with the light fitting.

Adatto per apparecchi con anello in alluminio pressofuso.
Suitable for articles with die-cast aluminium ring.

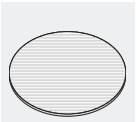


Code		Kg
07597		1,63

Vetro acidato antiscivolo.
Anti-slip opal glass.

Da ordinare unitamente all'apparecchio.
To order with the light fitting.

Adatto per apparecchi con anello e controanello in acciaio inox AISI 316L o con anello in acciaio inox AISI 316L.
Suitable for articles with AISI 316L stainless steel ring and counter-ring or with AISI 316L stainless steel ring.



Code		Kg
07590		0,27

Lente per fascio ellissoidale.
Lens for elliptic beam.

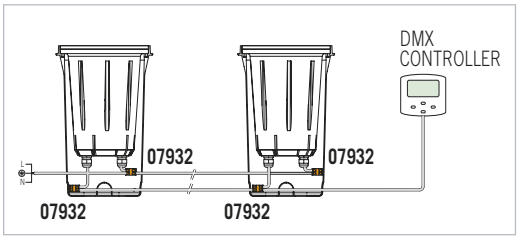
Non adatto per i codici:
Not suitable for codes:
07503 ÷ 07505
07543 ÷ 07545
07547
07553 ÷ 07555
07557
07563 ÷ 07565
07567
07660 ÷ 07674
07701 - 07705 - 07709
07740 ÷ 07763
Z7800 ÷ Z7814

DMX controller



Code		Kg
07932		0,05

Scatola di connessione IP68.
Junction box IP68.





Code		Kg
Z7790-21		0,75

DMX Controller

La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).



Code		Kg
Z7790-23	on request	0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.

DMX

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".



INGROUNDSHORT 350

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Riflettore in alluminio 99,85 anodizzato speculare antiridiscente o in acciaio verniciato a polvere poliestere colore bianco.
Schermo in vetro temperato di spessore 19mm resistente agli shock termici.
Carico statico sopportabile: 8000Kg.
Apparecchio carrabile alla velocità massima di 20Km/h.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Doppio pressacavo PG13,5 per collegamento in cascata.
Completo di controcassa.
Fornito completo di cavo d'alimentazione (0,7m).
Controcassa in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
A RICHIESTA L'APPARECCHIO PUO' ESSERE FORNITO CON VETRO ANTISCIVOLO.

Luminaire
Die-cast aluminium body (EN 47100).
AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing or white double layer polyester powder painted steel.
Screen made of 19mm thermal-shock resistant tempered glass.
8000Kg static load capacity.
Can be driven over at maximum speed 20Km/h.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
Available with conventional lamps.

Installation
Recessed installation.
Double PG13,5 cable gland for through wiring.
Supplied with recessed installation box.
Supplied with power cable (0,7m).
Recessed installation box made of engineering plastic.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
UPON REQUEST FIXTURES CAN BE SUPPLIED WITH ANTI-SLIP GLASS.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

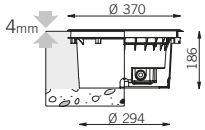


anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground* 30

Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*											
11° **07652**	1x **70W MD** RX7s	●	⏚	6500		●		4200	80	104	9,60
fascio diffondente > *wide beam*											
70° **07642**	1x **70W MD** RX7s	●	⏚	6500		●		4200	80	104	9,60

RX7s **70W MD**

IP67 IK10 8000



accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
07696	●	1,00

Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.



Code		Kg
07699-12	●	0,45

Frangiluce antiabbagliamento. Permette di concentrare la luce evitando dispersioni di luce e abbagliamenti.
Glare-control louvre. It allows the light flux orientation and prevents light dispersion and glare effects.



Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.



Code		Kg
07695	●	3,30

Vetro acidato antiscivolo.
Anti-slip opal glass.

Da ordinare unitamente all'apparecchio.
To order with the light fitting.



INGROUND350

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver protetto alle sovra-tensioni di rete.
Lenti LED in PMMA.
Riflettore in alluminio 99,85 anodizzato speculare antiridiscente o in acciaio verniciato a polvere poliestere colore bianco.
Schermo in vetro temperato di spessore 19mm resistente agli shock termici.
Carico statico sopportabile: 8000Kg.
Apparecchio carrabile alla velocità massima di 20Km/h.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
LED con efficienza nominale sino a 116lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Doppio pressacavo PG13,5 per collegamento in cascata.
Completo di controcassa.
Fornito completo di cavo d'alimentazione (0,7m).
Controcassa in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
A RICHIESTA L'APPARECCHIO PUO' ESSERE FORNITO CON VETRO ANTISCIVOLO.

Luminaire
Die-cast aluminium body (EN 47100).
AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges.
PMMA lenses for LEDs.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing or white double layer polyester powder painted steel.
Screen made of 19mm thermal-shock resistant tempered glass.
8000Kg static load capacity.
Can be driven over at maximum speed 20Km/h.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
Nominal LED efficacy up to 116lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
Double PG13,5 cable gland for through wiring.
Supplied with recessed installation box.
Supplied with power cable (0,7m).
Recessed installation box made of engineering plastic.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
UPON REQUEST FIXTURES CAN BE SUPPLIED WITH ANTI-SLIP GLASS.

Accessori, vedi pag. 265
Accessories, see page 265.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground* 30

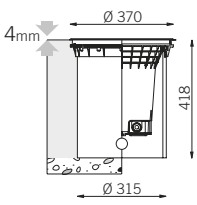
fascio orientabile > *adjustable beam*

Code	WATT	CEI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Tmax (°C)	Kg
07636	28W LED	●		⏚	3400	2650	●	15	3000	80	48	15,50
07637	28W LED	●		⏚	3700	2900	●	15	4000	80	48	15,50
07628	28W LED	●		⏚	3700	2900	●	15	5000	80	48	15,50
Z7822	21W LED RGB		●	⏚			●	15			48	15,50

LED

Driver LED incluso.
DMX controller da ordinare separatamente, vedi pag. 265.
LED driver included.
DMX controller to be ordered separately, see page 265.

IP67 IK10 Kg 8000



anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground*

30



Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP		K	CRI	Tmax (°C)	Kg
fascio orientabile > *adjustable beam*											
07620	1x **70W MT** G12	●	⏚	6800		●	30°x44°	4200	90	65	14,00
07621	1x **150W MT** G12	●	⏚	14700		●	30°x44°	4200	90	85	14,50
07622	1x **70W MD** RX7s	●	⏚	6500		●	18°	4200	80	67	14,80
07623	1x **150W MD** RX7s	●	⏚	12500		●	18°	4200	80	97	15,20
fascio asimmetrico > *asymmetrical beam*											
07630	1x **70W MT** G12	●	⏚	6800		●		4200	90	53	14,50
07631	1x **150W MT** G12	●	⏚	14700		●		4200	90	75	15,83
07632	1x **70W MD** RX7s	●	⏚	6500		●		4200	80	66	14,60
07633	1x **150W MD** RX7s	●	⏚	12500		●		4200	80	75	15,00

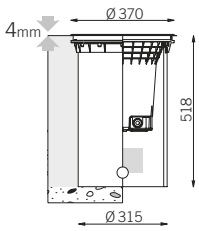
±γ = 20°

Imax = 15°

G12 **35W MT**
G12 **150W MT**

RX7s **70W MD**
RX7s **150W MD**

IP67 IK10 8000





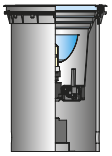
07630 - 07631 - 07632 07633



07620 - 07621



07622 - 07623



CASSETTA ALIMENTAZIONE POSIZIONATA ESTERNAMENTE ALL'APPARECCHIO E INCLUSA NEL CONTROCASSA.
REMOTE CONTROL GEAR BOX - INCLUDED IN THE INSTALLATION BOX.

anello in acciaio inox AISI 316L sopra terra > *AISI 316L stainless steel ring above ground*

30



Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP		K	CRI	Tmax (°C)	Kg
fascio medio > *medium beam*											
07601	1x **70W MD** RX7s	●	⏚	6500		●	68°x20°	4200	80	93	14,50
07602	1x **150W MD** RX7s	●	⏚	12500		●	68°x20°	4200	80	147	15,00
fascio orientabile > *adjustable beam*											
07600	1x **35W MT** G12	●	⏚	3400		●	30°x44°	4200	90	51	13,50
07615	1x **150W MT** G12	●	⏚	14700		●	30°x44°	4200	90	115	14,50
07616	1x **70W MD** RX7s	●	⏚	6500		●	19°	4200	80	80	14,44
07617	1x **150W MD** RX7s	●	⏚	12500		●	19°	4200	80	113	15,73
fascio asimmetrico > *asymmetrical beam*											
07611	1x **70W MD** RX7s	●	⏚	6500		●		4200	80	68	14,28
07612	1x **150W MD** RX7s	●	⏚	12500		●		4200	80	103	15,63

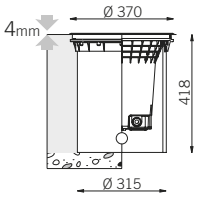
±γ = 20°

Imax = 15°

G12 **35W MT**
G12 **150W MT**

RX7s **70W MD**
RX7s **150W MD**

IP67 IK10 8000





07601 - 07602



07611 - 07612



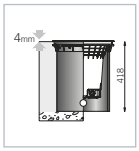
07600 - 07615



07616 - 07617

accessori > *accessories*

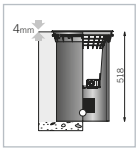
Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).

Code	Kg
07697	5,00

Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.

Adatto per apparecchi codice:
Suitable for articles code:
07600 ÷ 07619
07628 - Z7822
07636 - 07637

Code	Kg
07698	6,30

Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.

Adatto per apparecchi codice:
Suitable for articles code:
07620 ÷ 07625
07630 ÷ 07635

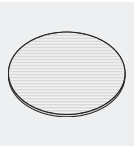


Da ordinare unitamente all'apparecchio.
To order with the light fitting.

Code	Kg
07695	3,30

Vetro acidato antiscivolo.
Anti-slip opal glass.

Adatto per apparecchi codice:
Suitable for articles code:
07600 ÷ 07637
Z7822



Code	Kg
07694	0,35

Lente per fascio ellissoidale.
Lens for elliptic beam.

Adatto per apparecchi codice:
Suitable for articles code:
07620 ÷ 07637



Code	Kg
07699-12	0,45

Frangiluce antiabbagliamento. Permette di concentrare la luce evitando dispersioni di luce e abbagliamenti.
Glare-control louvre. It allows the light flux orientation and prevents light dispersion and glare effects.

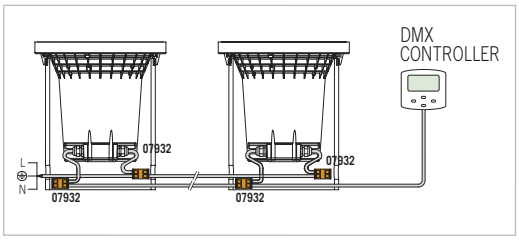
Non adatto per codici:
Not suitable for code:
07628 - 07636 - 07637
Z7822

DMX controller



Code	Kg
07932	0,05

Scatola di connessione IP68.
Junction box IP68.





Code	Kg
Z7790-21	0,75

DMX Controller

La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).



Code	Kg
Z7790-23 on request	0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".



QUAD200

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver protetto alle sovra-tensioni di rete.
Riflettori in policarbonato metallizzato ad alto vuoto.
Lenti LED in PMMA.
Per versioni RGB: lenti in PMMA di qualità ottica con alta resistenza a radiazioni UV e temperature elevate.
Schermo in vetro temperato di spessore 10mm resistente agli shock termici.
Carico statico sopportabile: 1000-1500Kg.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
LED con efficienza nominale sino a 123lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.
Modulo LED protetto contro la rottura del singolo LED.

Installazione
Installazione ad incasso.
Cassetta di cablaggio in alluminio pressofuso (EN 47100).
Pressacavo M20 in tecnopolimero.
Completo di controcassa.
Fornito completo di cavo d'alimentazione (0,7m).
Controcassa in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
A RICHIESTA L'APPARECCHIO PUO' ESSERE FORNITO CON VETRO ANTISCIVOLO.

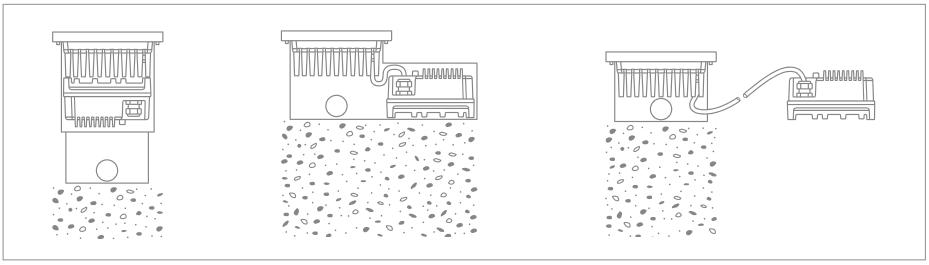
Luminaire
Die-cast aluminium body (EN 47100).
AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges.
Reflector made of engineering plastic metalized in high-vacuum.
PMMA lenses for LEDs.
For RGB versions: lenses are manufactured with optical grade PMMA with high resistance to UV and high temperatures.
Screen made of 10mm thermal-shock resistant tempered glass.
1000-1500Kg static load capacity.
It complies with standards EN 60598-1 and EN 60598-2-13.

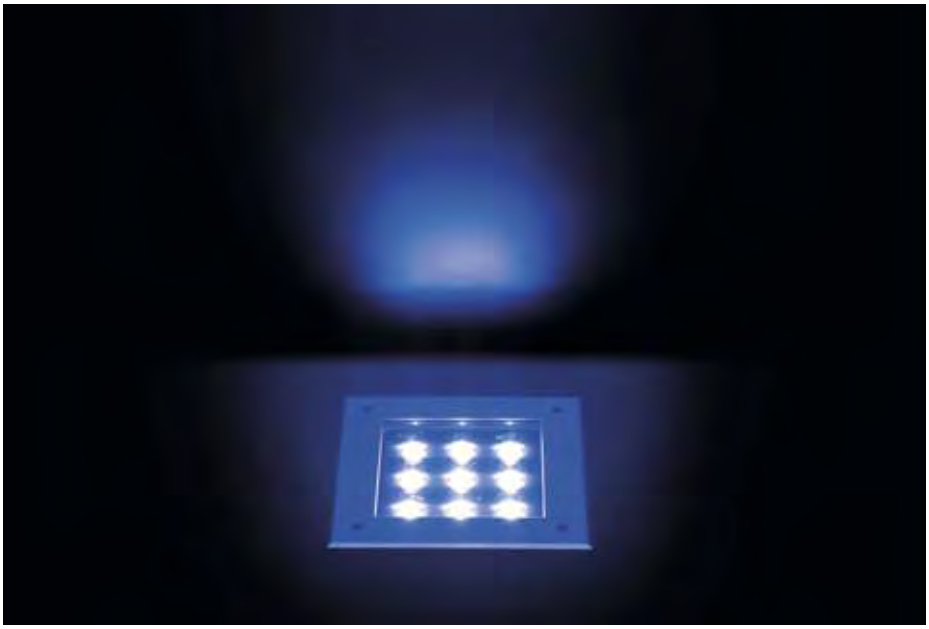
Source
Nominal LED efficacy up to 123lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.
LED module protected against single LED default.

Installation
Recessed installation.
Die-cast aluminium control gear box (EN 47100).
M20 engineering plastic cable gland.
Supplied with recessed installation box.
Supplied with power cable (0,7m).
Galvanized steel recessed box.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
UPON REQUEST FIXTURES CAN BE SUPPLIED WITH ANTI-SLIP GLASS.

Accessori, vedi pag. 269.
Accessories, see page 269.





cornice sopra terra > *above the ground frame*

30



Code	WATT	CEI	DALI	DIMM	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*													
13°													
06550	**40W LED**		●	●		⏚	3500	2600	●	3000	80	≤ 75	6,00
06551	**40W LED**		●	●		⏚	3850	2850	●	4000	80	≤ 75	6,00
06552	**40W LED**		●	●		⏚	3850	2850	●	5000	80	≤ 75	6,00
fascio medio > *medium beam*													
22°													
06553	**40W LED**		●	●		⏚	3500	2550	●	3000	80	≤ 75	6,00
06554	**40W LED**		●	●		⏚	3850	2800	●	4000	80	≤ 75	6,00
06555	**40W LED**		●	●		⏚	3850	2800	●	5000	80	≤ 75	6,00
fascio diffondente > *wide beam*													
46°													
06556	**40W LED**		●	●		⏚	3500	2250	●	3000	80	≤ 75	6,00
06557	**40W LED**		●	●		⏚	3850	2500	●	4000	80	≤ 75	6,00
06558	**40W LED**		●	●		⏚	3850	2500	●	5000	80	≤ 75	6,00
fascio ellittico > *elliptical beam*													
12° x 57°													
06560	**40W LED**		●	●		⏚	3500	2350	●	3000	80	≤ 75	6,00
06561	**40W LED**		●	●		⏚	3850	2600	●	4000	80	≤ 75	6,00
06562	**40W LED**		●	●		⏚	3850	2600	●	5000	80	≤ 75	6,00



fascio asimmetrico > *asymmetrical beam*													
Imax = 20°													
06563	**36W LED**		●			⏚	3950	2500	●	3000	70	≤ 75	6,00
06564	**36W LED**		●			⏚	4250	2700	●	4000	70	≤ 75	6,00
06565	**36W LED**		●			⏚	4250	2700	●	5000	70	≤ 75	6,00
fascio diffondente > *wide beam*													
46°													
Z7845	**31,5W LED RGB**				●	⏚			●			≤ 75	6,00

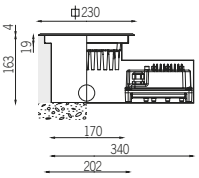


fascio molto diffondente > *ultra wide beam*													
110°													
06566	**25W LED**	●	●	●		⏚	3100	1600	●	3000	80	≤ 75	6,00
06567	**25W LED**	●	●	●		⏚	3100	1600	●	4000	80	≤ 75	6,00
06568	**25W LED**	●	●	●		⏚	3100	1600	●	5000	80	≤ 75	6,00

LED

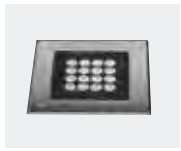
Driver LED incluso.
LED driver included.

IP67 IK10 Kg 1000



cornice sopra terra > *above the ground frame*

30



Code	WATT	CEI	DALI	DIMM	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*													
13°													
06570	**40W LED**		●	●		⏚	3500	2600	●	3000	80	≤ 75	6,00
06571	**40W LED**		●	●		⏚	3850	2850	●	4000	80	≤ 75	6,00
06572	**40W LED**		●	●		⏚	3850	2850	●	5000	80	≤ 75	6,00
fascio medio > *medium beam*													
22°													
06573	**40W LED**		●	●		⏚	3500	2550	●	3000	80	≤ 75	6,00
06574	**40W LED**		●	●		⏚	3850	2800	●	4000	80	≤ 75	6,00
06575	**40W LED**		●	●		⏚	3850	2800	●	5000	80	≤ 75	6,00
fascio diffondente > *wide beam*													
46°													
06576	**40W LED**		●	●		⏚	3500	2250	●	3000	80	≤ 75	6,00
06577	**40W LED**		●	●		⏚	3850	2500	●	4000	80	≤ 75	6,00
06578	**40W LED**		●	●		⏚	3850	2500	●	5000	80	≤ 75	6,00
fascio ellittico > *elliptical beam*													
12° x 57°													
06580	**40W LED**		●	●		⏚	3500	2350	●	3000	80	≤ 75	6,00
06581	**40W LED**		●	●		⏚	3850	2600	●	4000	80	≤ 75	6,00
06582	**40W LED**		●	●		⏚	3850	2600	●	5000	80	≤ 75	6,00



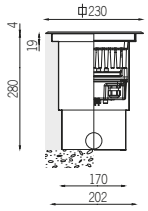
fascio asimmetrico > *asymmetrical beam*													
Imax = 20°													
06583	**36W LED**		●			⏚	3950	2500	●	3000	70	≤ 75	6,00
06584	**36W LED**		●			⏚	4250	2700	●	4000	70	≤ 75	6,00
06585	**36W LED**		●			⏚	4250	2700	●	5000	70	≤ 75	6,00
fascio diffondente > *wide beam*													
46°													
Z7842	**31,5W LED RGB**				●	⏚			●			≤ 75	6,00



fascio molto diffondente > *ultra wide beam*													
110°													
06586	**25W LED**	●	●	●		⏚	3100	1600	●	3000	80	≤ 75	6,00
06587	**25W LED**	●	●	●		⏚	3100	1600	●	4000	80	≤ 75	6,00
06588	**25W LED**	●	●	●		⏚	3100	1600	●	5000	80	≤ 75	6,00

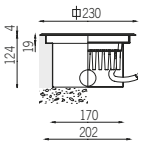
LED

IP67 IK10 Kg 1500



cornice sopra terra > *above the ground frame*





	Code	WATT	SC	DALI	DIMM	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
fascio concentrante > *narrow beam*														
13°	**06530**	**40W LED**	●					3500	2600	●	3000	80	≤ 75	4,50
	06531	**40W LED**	●					3850	2850	●	4000	80	≤ 75	4,50
	06532	**40W LED**	●					3850	2850	●	5000	80	≤ 75	4,50
fascio medio > *medium beam*														
22°	**06533**	**40W LED**	●					3500	2550	●	3000	80	≤ 75	4,50
	06534	**40W LED**	●					3850	2800	●	4000	80	≤ 75	4,50
	06535	**40W LED**	●					3850	2800	●	5000	80	≤ 75	4,50
fascio diffondente > *wide beam*														
46°	**06536**	**40W LED**	●					3500	2250	●	3000	80	≤ 75	4,50
	06537	**40W LED**	●					3850	2500	●	4000	80	≤ 75	4,50
	06538	**40W LED**	●					3850	2500	●	5000	80	≤ 75	4,50
fascio ellittico > *elliptical beam*														
12° x 57°	**06540**	**40W LED**	●					3500	2350	●	3000	80	≤ 75	4,50
	06541	**40W LED**	●					3850	2600	●	4000	80	≤ 75	4,50
	06542	**40W LED**	●					3850	2600	●	5000	80	≤ 75	4,50



fascio asimmetrico > *asymmetrical beam*														
Imax = 20°	**06543**	**36W LED**	●					3950	2500	●	3000	70	≤ 75	4,50
	06544	**36W LED**	●					4250	2700	●	4000	70	≤ 75	4,50
	06545	**36W LED**	●					4250	2700	●	5000	70	≤ 75	4,50



fascio molto diffondente > *ultra wide beam*														
110°	**06546**	**25W LED**	●					3100	1600	●	3000	80	≤ 75	4,50
	06547	**25W LED**	●					3100	1600	●	4000	80	≤ 75	4,50
	06548	**25W LED**	●					3100	1600	●	5000	80	≤ 75	4,50

LED 40W
LED 25W
700mA

LED 36W
350mA

Driver LED da ordinare separatamente, vedi pag. 269.
LED driver to be ordered separately, see page 269.

IP67 IK10 1500



Cassetta d'alimentazione LED a corrente costante: 350mA e 700mA > *constant current LED control gear box: 350mA and 700mA* 16

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																
			06530	**06531**	**06532**	**06533**	**06534**	**06535**	**06536**	**06537**	**06538**	**06540**	**06541**	**06542**	**06546**	**06547**	**06548**	**06543**	**06544**	**06545**
Q7499 DALI	350	50																1	1	1
Q7496 CEI	700	25													1	1	1			
Q7498 DALI	700	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Q7498 DIMM	700	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Cassetta di alimentazione in alluminio pressofuso EN 47100.
EN 47100 die-cast aluminium control gear box.

Code	mA	WATT			Class	Kg
DRIVER IP67						
Q7499 DALI	350	50	●		⏚	1,50
Q7496 CEI	700	25	●		⏚	1,50
Q7498 DALI	700	50	●		⏚	1,50
Q7498 DIMM	700	50	●		⏚	1,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.

accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Adatto per i codici:
Suitable for article codes:
06530 ÷ 06545

Code		Kg
06596	●	0,83

Controcassa da interrare in acciaio zincato.
Galvanized steel recessed installation box.



Adatto per i codici:
Suitable for article codes:
06550 ÷ 06565
Z7845

Code		Kg
06597	●	1,60

Controcassa da interrare in acciaio zincato.
Galvanized steel recessed installation box.



Adatto per i codici:
Suitable for article codes:
06570 ÷ 06585
Z7842

Code		Kg
06598	●	1,50

Controcassa da interrare in acciaio zincato.
Galvanized steel recessed installation box.

Da ordinare unitamente all'apparecchio.
To order with the light fitting.

Code		Kg
06599	●	0,70

Vetro acidato antiscivolo.
Anti-slip opal glass.

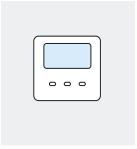


Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.

accessori RGB > *RGB accessories*

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".



Code		Kg
Z7790-21	●	0,75

DMX Controller

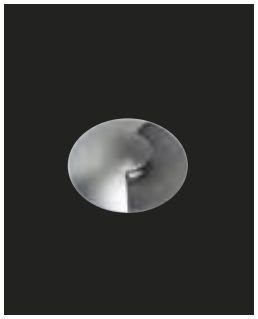
La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).



Code			Kg
Z7790-23	on request		0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.



STONE25

Apparecchio
Corpo e cornice in acciaio inox AISI 316L.
Guarnizioni in gomma siliconica.
Schermo in PMMA trasparente.
Carico statico sopportabile: 1000Kg.
Apparecchio calpestabile.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.
Sorgente
LED con efficienza nominale sino a 105lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione ad incasso.
Pressacavo M12 in acciaio inox AISI 316L.
Fornito completo di cavo d'alimentazione (3m).
Controcassa in tecnopolimero o acciaio inox AISI 316L.

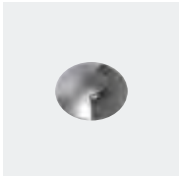
Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
AISI 316L stainless steel body and trim.
Silicone rubber gaskets.
Clear PMMA screen.
1000Kg static load capacity.
Can be walked over.
It complies with standards EN 60598-1 and EN 60598-2-13.
Source
Nominal LED efficacy up to 105lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Installation
Recessed installation.
M12 AISI 316L stainless steel cable gland.
Supplied with power cable (3m).
Recessed installation box made of engineering plastic or of AISI 316L stainless steel.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 271.
Accessories, see page 271.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire* — 30

unidirezionale > *one-way illumination*

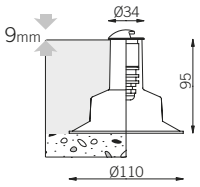
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
06877	2W LED	●		220	25	●	3000	80	55	0,41
06878	2W LED	●		240	30	●	4000	80	55	0,41
06879	2W LED	●		240	30	●	5000	80	55	0,41

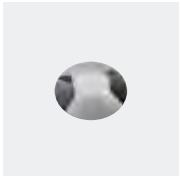


LED 700mA

Driver LED da ordinare separatamente, vedi pag. 271.
LED driver to be ordered separately, see page 271.

IP68 IK10 Kg 1000





apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire* — 30

bidirezionale > *two-way illumination*

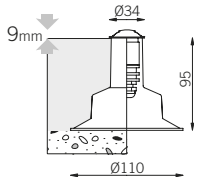
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
06872	2W LED	●		220	15	●	3000	80	55	0,41
06873	2W LED	●		240	20	●	4000	80	55	0,41
06889	2W LED	●		240	20	●	5000	80	55	0,41

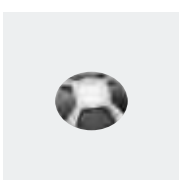


LED 700mA

Driver LED da ordinare separatamente, vedi pag. 271.
LED driver to be ordered separately, see page 271.

IP68 IK10 Kg 1000





apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire* — 30

radiale > *radial illumination*

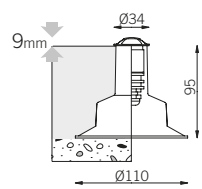
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
06874	2W LED	●		220	35	●	3000	80	55	0,40
06875	2W LED	●		240	40	●	4000	80	55	0,40
06876	2W LED	●		240	40	●	5000	80	55	0,40



LED 700mA

Driver LED da ordinare separatamente, vedi pag. 271.
LED driver to be ordered separately, see page 271.

IP68 IK10 Kg 1000



accessori > *accessories*

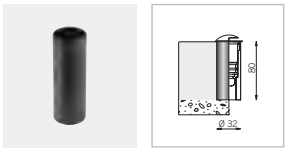
Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).

It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



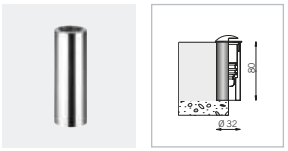
Code		Kg
07290		0,07

Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.



Code		Kg
07298		0,02

Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.



Code		Kg
07292		0,21

Controcassa da interrare in acciaio inox AISI 316L.
Stainless steel AISI 316L recessed installation box.



Code		Kg
07932		0,05

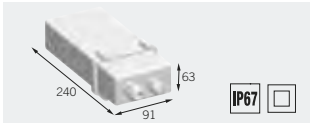
Scatola di connessione IP68.
Junction box IP68.

driver LED a corrente costante: 700mA > *constant currente LED driver: 700mA*

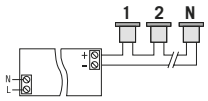
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*								
			06872	**06873**	**06874**	**06875**	**06876**	**06877**	**06878**	**06879**	**06889**
DRIVER IP20											
H7958 CEI	700	16	6	6	6	6	6	6	6	6	6
H7954 CEI	700	50	18	18	18	18	18	18	18	18	18
H7952 DALI	700	32	12	12	12	12	12	12	12	12	12
H7954 DALI	700	50	18	18	18	18	18	18	18	18	18
H7952 DIMM	700	25	8	8	8	8	8	8	8	8	8
H7954 DIMM	700	50	18	18	18	18	18	18	18	18	18
DRIVER IP67											
H7963 CEI	700	16	6	6	6	6	6	6	6	6	6
H7963 DALI	700	50	18	18	18	18	18	18	18	18	18
H7963 DIMM	700	50	18	18	18	18	18	18	18	18	18

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

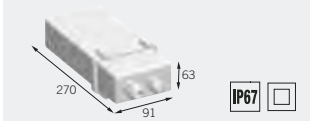




Code	mA	WATT	CEI	Kg
DRIVER IP20				
H7958 CEI	700	16	●	0,11
H7954 CEI	700	50	●	0,15
DRIVER IP67				
H7963 CEI	700	16	●	0,50

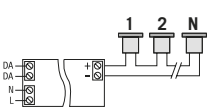




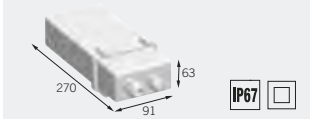


Code	mA	WATT	DALI	Kg
DRIVER IP20				
H7952 DALI	700	32	●	0,13
H7954 DALI	700	50	●	0,15
DRIVER IP67				
H7963 DALI	700	50	●	0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.

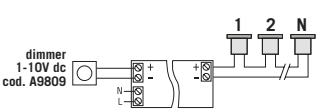


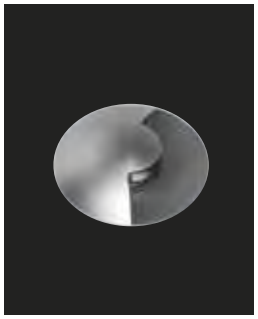




Code	mA	WATT	DIMM	Kg
DRIVER IP20				
H7952 DIMM	700	25	●	0,11
H7954 DIMM	700	50	●	0,15
DRIVER IP67				
H7963 DIMM	700	50	●	0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.





STONE55

Apparecchio
Corpo e cornice in acciaio inox AISI 316L.
Guarnizioni in gomma siliconica.
Schermo in PMMA trasparente.
Carico statico sopportabile: 1000Kg.
Apparecchio calpestabile.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
LED con efficienza nominale sino a 123lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Pressacavo M16 in acciaio inox AISI 316L.
Fornito completo di cavo d'alimentazione (3m).
Controcassa in tecnopolimero o acciaio inox AISI 316L.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
AISI 316L stainless steel body and trim.
Silicone rubber gaskets.
Clear PMMA screen.
1000Kg static load capacity.
Can be walked over.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
Nominal LED efficacy up to 123lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

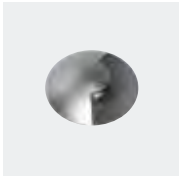
Installation
Recessed installation.
M16 AISI 316L stainless steel cable gland.
Supplied with power cable (3m).
Recessed installation box made of engineering plastic or of AISI 316L stainless steel.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 273.
Accessories, see page 273.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire* — 30



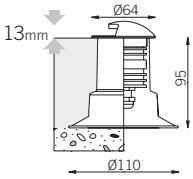
unidirezionale > *one-way illumination*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
06883	4W LED	●		520	65	●	3000	70	55	0,75
06885	4W LED	●		560	70	●	4000	70	55	0,75
06884	4W LED	●		560	70	●	5000	70	55	0,75

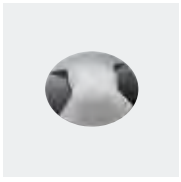


Driver LED da ordinare separatamente, vedi pag. 273.
LED driver to be ordered separately, see page 273.

IP68 IK10 1000



apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire* — 30



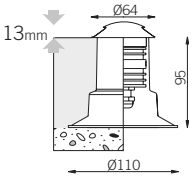
biidirezionale > *two-way illumination*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
06886	4W LED	●		520	50	●	3000	70	55	0,72
06887	4W LED	●		560	55	●	4000	70	55	0,72
06888	4W LED	●		560	55	●	5000	70	55	0,72

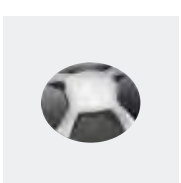


Driver LED da ordinare separatamente, vedi pag. 273.
LED driver to be ordered separately, see page 273.

IP68 IK10 1000



apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire* — 30



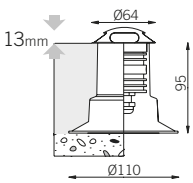
radiale > *radial illumination*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
06880	4W LED	●		520	95	●	3000	70	55	0,72
06882	4W LED	●		560	100	●	4000	70	55	0,72
06881	4W LED	●		560	100	●	5000	70	55	0,72



Driver LED da ordinare separatamente, vedi pag. 273.
LED driver to be ordered separately, see page 273.

IP68 IK10 1000



accessori > *accessories*

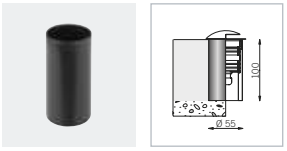
Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).

It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



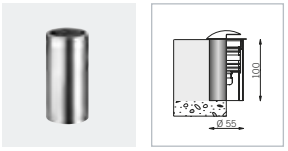
Code		Kg
07293		0,08

Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.



Code		Kg
07299		0,06

Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.



Code		Kg
07295		0,60

Controcassa da interrare in acciaio inox AISI 316L.
Stainless steel AISI 316L recessed installation box.



Code		Kg
07932		0,05

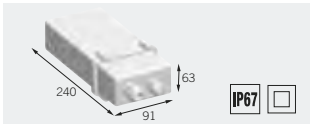
Scatola di connessione IP68.
Junction box IP68.

driver LED a corrente costante: 350mA > *constant currente LED driver: 350mA*

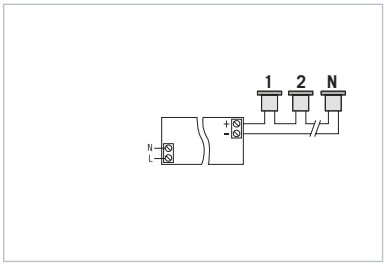
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*								
			06880	**06881**	**06882**	**06883**	**06884**	**06885**	**06886**	**06887**	**06888**
DRIVER IP20											
H7951 CEI	350	20	4	4	4	4	4	4	4	4	4
H7954 CEI	350	25	5	5	5	5	5	5	5	5	5
H7952 DALI	350	15	3	3	3	3	3	3	3	3	3
H7955 DALI	350	40	9	9	9	9	9	9	9	9	9
H7952 DIMM	350	15	3	3	3	3	3	3	3	3	3
H7955 DIMM	350	40	9	9	9	9	9	9	9	9	9
DRIVER IP67											
H7961 CEI	350	20	4	4	4	4	4	4	4	4	4
H7961 DALI	350	25	5	5	5	5	5	5	5	5	5
H7961 DIMM	350	25	5	5	5	5	5	5	5	5	5

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

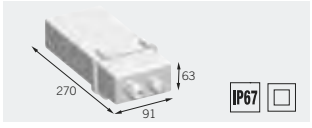




Code	mA	WATT	CEI	Kg
DRIVER IP20				
H7951 CEI	350	20	●	0,11
H7954 CEI	350	25	●	0,15
DRIVER IP67				
H7961 CEI	350	20	●	0,50

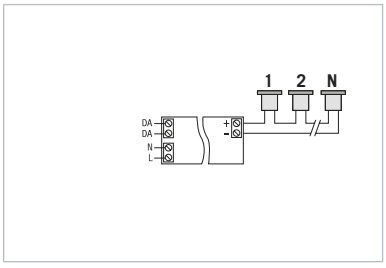




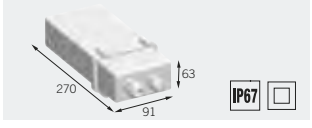


Code	mA	WATT	DALI	Kg
DRIVER IP20				
H7952 DALI	350	15	●	0,13
H7955 DALI	350	25	●	0,15
DRIVER IP67				
H7961 DALI	350	25	●	0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.

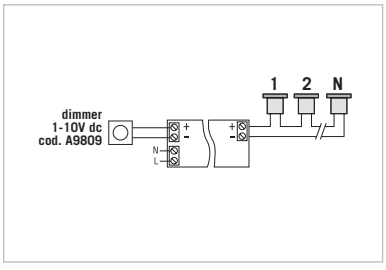


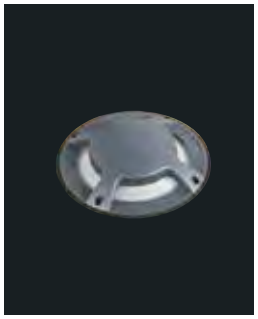




Code	mA	WATT	DIMM	Kg
DRIVER IP20				
H7952 DIMM	350	15	●	0,11
H7955 DIMM	350	25	●	0,21
DRIVER IP67				
H7961 DIMM	350	25	●	0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.





STONESHORT 180

Apparecchio
Corpo e cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver protetto alle sovra-tensioni di rete.
Lenti LED in PMMA.
Schermo in vetro stampato, temperato resistente agli shock termici.
Carico statico sopportabile: 3000-4000Kg.
Apparecchio carrabile alla velocità massima di 20Km/h.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
LED con efficienza nominale sino a 110lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Pressacavo PG11 in tecnopolimero.
Controcassa in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body and trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges.
PMMA lenses for LEDs.
Screen made of molded thermal-shock resistant tempered glass.
3000-4000Kg static load capacity.
Can be driven over at maximum speed 20Km/h.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
Nominal LED efficacy up to 110lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
PG11 engineering plastic cable gland.
Recessed installation box made of engineering plastic.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 275.
Accessories, see page 275.

cornice in alluminio pressofuso > *die-cast aluminium frame*

16 21



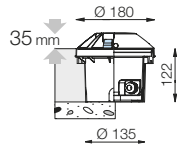
Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
radente bidirezionale > *two-way grazing illumination*										
06890	6W LED	●	⏚	670	100	●	3000	80	39	1,77
06891	6W LED	●	⏚	720	110	●	4000	80	39	1,77
06869	6W LED	●	⏚	720	110	●	5000	80	39	1,77



LED

Driver LED incluso.
LED driver included.

IP67 IK10 4000



cornice in alluminio pressofuso > *die-cast aluminium frame*

16 21



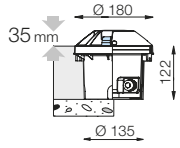
Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
radente unidirezionale > *one-way grazing illumination*										
06892	6W LED	●	⏚	670	110	●	3000	80	39	1,73
06893	6W LED	●	⏚	720	120	●	4000	80	39	1,73
06870	6W LED	●	⏚	720	120	●	5000	80	39	1,73



LED

Driver LED incluso.
LED driver included.

IP67 IK10 4000



cornice in alluminio pressofuso > *die-cast aluminium frame*

16 21



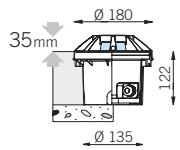
Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
radente radiale > *radial grazing illumination*										
06894	6W LED	●	⏚	670	200	●	3000	80	39	1,65
06895	6W LED	●	⏚	720	220	●	4000	80	39	1,65
06871	6W LED	●	⏚	720	220	●	5000	80	39	1,65



LED

Driver LED incluso.
LED driver included.

IP67 IK10 4000



cornice in alluminio pressofuso > *die-cast aluminium frame*

16 21



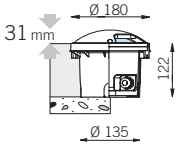
unidirezionale > *one-way illumination*

Code	WATT	c	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Tmax (°C)	Kg
07726	1x **10W FSQ** G24 d-1	●	⏚	600		●	4000	80	40	1,87



G24 d-1 **10W FSQ**
OSRAM
SYLVANIA

IP67 IK10 3000 Kg



cornice in alluminio pressofuso > *die-cast aluminium frame*

16 21



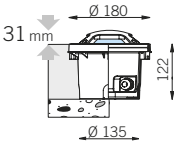
radiale > *radial illumination*

Code	WATT	c	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Tmax (°C)	Kg
07728	1x **10W FSQ** G24 d-1	●	⏚	600		●	4000	80	40	1,74



G24 d-1 **10W FSQ**
OSRAM
SYLVANIA

IP67 IK10 3000 Kg



accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).

It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance.
The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
07795	●	0,20

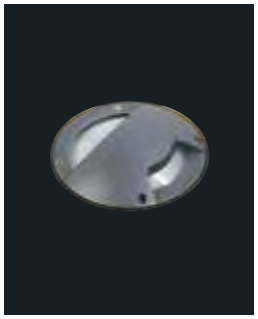
Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.



Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.





STONE180

Apparecchio
Corpo e cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro stampato, temperato resistente agli shock termici.
Carico statico sopportabile: 3000Kg.
Apparecchio carrabile alla velocità massima di 20Km/h.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.
Sorgente
Disponibili versioni con lampade tradizionali.
Installazione
Installazione ad incasso.
Doppio pressacavo PG13,5 per collegamento in cascata.
Controcassa in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body and trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Screen made of molded thermal-shock resistant tempered glass.
3000Kg static load capacity.
Can be driven over at maximum speed 20Km/h.
It complies with standards EN 60598-1 and EN 60598-2-13.
Source
Available with conventional lamps.
Installation
Recessed installation.
Double PG13,5 cable gland for through wiring.
Recessed installation box made of engineering plastic.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 277.
Accessories, see page 277.



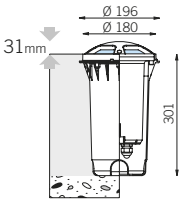
cornice in alluminio pressofuso > *die-cast aluminium frame* — 16 21

unidirezionale > *one-way illumination*

Code	WATT	SC	C	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Tmax (°C)	Kg
07410	1x E27	●		⏚							3,43
07412	1x **18W FSM** GX24 d-2		●	⏚	1200		●	4000	80	70	3,77



IP67 IK10 3000

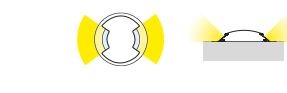




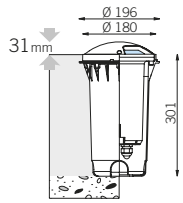
cornice in alluminio pressofuso > *die-cast aluminium frame* — 16 21

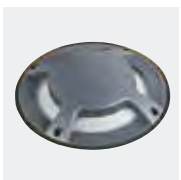
bidirezionale > *two-way illumination*

Code	WATT	SC	C	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Tmax (°C)	Kg
07420	1x E27	●		⏚							3,43
07422	1x **18W FSM** GX24 d-2		●	⏚	1200		●	4000	80	70	3,77



IP67 IK10 3000





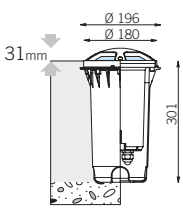
cornice in alluminio pressofuso > *die-cast aluminium frame* — 16 21

radiale > *radial illumination*

Code	WATT	SC	C	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Tmax (°C)	Kg
07430	1x E27	●		⏚								3,31
07432	1x **18W FSM** GX24 d-2		●	⏚	1200		●		4000	80	70	3,58



IP67 IK10 3000

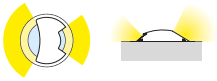




cornice in alluminio pressofuso > *die-cast aluminium frame*

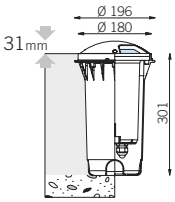
16 21

Code	WATT	SC	C	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Tmax (°C)	Kg
laterale diffusa > *diffusing side illumination*												
07440	1x E27	●		⏚								3,35
07442	1x **18W FSM** GX24 d-2		●	⏚	1200		●		4000	80	70	3,06



E27 **10W FSM-E** E27 **LED** GX24 d-2 **18W FSM**

IP67 IK10 Kg 3000



accessori > *accessories*

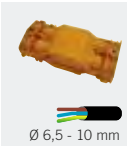
Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).

It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance.
The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
07498	●	0,50

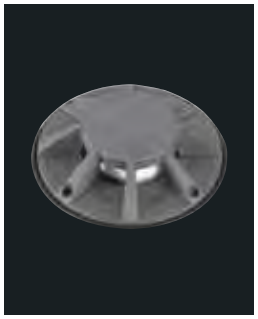
Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.



Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.





STONE260

Apparecchio
Corpo e cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver protetto alle sovra-tensioni di rete.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro stampato, temperato resistente agli shock termici.
Carico statico sopportabile: 3000-4000Kg.
Apparecchio carrabile alla velocità massima di 20Km/h.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
LED con efficienza nominale sino a 116lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Doppio pressacavo PG16 per collegamento in cascata.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body and trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Screen made of molded thermal-shock resistant tempered glass.
3000-4000Kg static load capacity.
Can be driven over at maximum speed 20Km/h.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
Nominal LED efficacy up to 116lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
Double PG16 cable gland for through wiring.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 279.
Accessories, see page 279.

cornice in alluminio pressofuso > *die-cast aluminium frame*

16 ● 21 ●



radente bidirezionale > *two-way grazing illuminationw*

Code	WATT	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Tmax (°C)	Kg
07764	**16W LED**				1950	250	●	3000	80	39	8,91
07765	**16W LED**				2100	280	●	4000	80	39	8,91
07676	**16W LED**				2100	280	●	5000	80	39	8,91
07585	1x **35W MT** G12	●			3400		●	4200	90	50	8,68
07586	1x **70W MT** G12	●			6800		●	4200	90	74	8,88

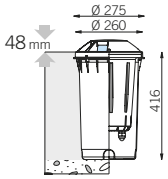


LED

G12 **35W MT**
G12 **70W MT**

Driver LED incluso.
LED driver included.

IP67 IK10 Kg 4000



cornice in alluminio pressofuso > *die-cast aluminium frame*

16 ● 21 ●



radente unidirezionale > *one-way grazing illumination*

Code	WATT	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Tmax (°C)	Kg
07766	**16W LED**				1950	290	●	3000	80	39	8,55
07767	**16W LED**				2100	320	●	4000	80	39	8,55
07677	**16W LED**				2100	320	●	5000	80	39	8,55
07588	1x **35W MT** G12	●			3400		●	4200	90	50	8,66
07589	1x **70W MT** G12	●			6800		●	4200	90	74	8,86

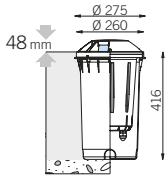


LED

G12 **35W MT**
G12 **70W MT**

Driver LED incluso.
LED driver included.

IP67 IK10 Kg 4000



cornice in alluminio pressofuso > *die-cast aluminium frame*

16 ● 21 ●



radente radiale > *radial grazing illumination*

Code	WATT	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Tmax (°C)	Kg
07768	**16W LED**				1950	510	●	3000	80	39	8,32
07769	**16W LED**				2100	550	●	4000	80	39	8,32
07678	**16W LED**				2100	550	●	5000	80	39	8,32
07595	1x **35W MT** G12	●			3400		●	4200	90	50	8,30
07596	1x **70W MT** G12	●			6800		●	4200	90	74	8,50

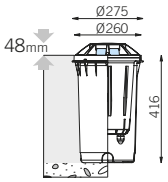


LED

G12 **35W MT**
G12 **70W MT**

Driver LED incluso.
LED driver included.

IP67 IK10 Kg 4000



cornice in alluminio pressofuso > *die-cast aluminium frame*

16 21



unidirezionale > *one-way illumination*

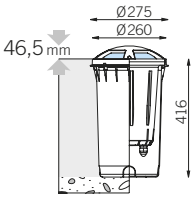
Code	WATT	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Tmax (°C)	Kg
07512	1x **26W FSQ** G24 d-3	●			1800		●	4000	80	61	7,42
	1x **26W FSQ** G24 q-3		●		1800		●	4000	80	61	7,09
07513	1x **42W FSM** GX24 q-4		●		3200		●	4000	80	70	7,09



G24 d-3 **26W FSQ**
G24 q-3 **26W FSQ**

GX24 q-4 **42W FSM**

IP67 IK07 3000



cornice in alluminio pressofuso > *die-cast aluminium frame*

16 21



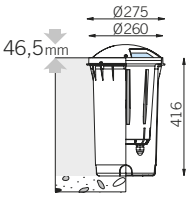
laterale diffusa > *diffusing side illumination*

Code	WATT	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Tmax (°C)	Kg
07519	1x **42W FSM** GX24 q-4		●		3200		●	4000	80	70	6,88



GX24 q-4 **42W FSM**

IP67 IK07 3000



cornice in alluminio pressofuso > *die-cast aluminium frame*

16 21



bidirezionale > *two-way illumination*

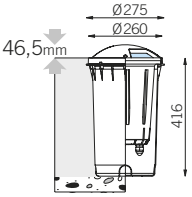
Code	WATT	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Tmax (°C)	Kg
07523	1x **26W FSQ** G24 d-3	●			1800		●	4000	80	61	7,42
	1x **26W FSQ** G24 q-3		●		1800		●	4000	80	61	7,09
07524	1x **42W FSM** GX24 q-4		●		3200		●	4000	80	70	7,09



G24 d-3 **26W FSQ**
G24 q-3 **26W FSQ**

GX24 q-4 **42W FSM**

IP67 IK07 3000



cornice in alluminio pressofuso > *die-cast aluminium frame*

16 21



radiale > *radial illumination*

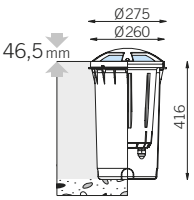
Code	WATT	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Tmax (°C)	Kg
07528	1x **26W FSQ** G24 d-3	●			1800		●	4000	80	61	7,08
	1x **26W FSQ** G24 q-3		●		1800		●	4000	80	61	6,75
07529	1x **42W FSM** GX24 q-4		●		3200		●	4000	80	70	6,75



G24 d-3 **26W FSQ**
G24 q-3 **26W FSQ**

GX24 q-4 **42W FSM**

IP67 IK07 3000



accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).

It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
07598	●	1,00

Controcassa da interrare in materiale termoplastico.
Thermoplastic material recessed installation box.



Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.



LINEA-IN

Apparecchio
Corpo in alluminio estruso.
Testate in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Lenti LED in PMMA.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 8mm resistente agli shock termici.
Carico statico sopportabile: 1000Kg.
Apparecchio calpestabile.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
LED con efficienza nominale sino a 110lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro la rottura del singolo LED.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Doppio pressacavo M16 per collegamento in cascata.
Fornito completo di cavo d'alimentazione (0,7m).
Controcassa in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Extruded aluminium body.
Die-cast aluminium caps (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges up to 4kV.
PMMA lenses for LEDs.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Screen made of 8mm thermal-shock resistant tempered glass.
1000Kg static load capacity.
Can be walked over.
It complies with standards EN 60598-1 and EN 60598-2-13.

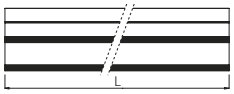
Source
Nominal LED efficacy up to 110lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against single LED default.
Available with conventional lamps.

Installation
Recessed installation.
Double M16 cable gland for through wiring.
Supplied with power cable (0,7m).
Galvanized steel recessed box.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 282.
Accessories, see page 282.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.





cornice sopra terra > *above the ground rim* — 16 21

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg	L
fascio concentrante > *narrow beam*													
07180	18W LED	●	●	●	⏚	2000	1450	●	3000	80	38	4,38	646
07181	18W LED	●	●	●	⏚	2150	1550	●	4000	80	38	4,38	646
07182	18W LED	●	●	●	⏚	2150	1550	●	5000	80	38	4,38	646
07183	36W LED	●	●	●	⏚	4000	2900	●	3000	80	38	8,10	1246
07184	36W LED	●	●	●	⏚	4300	3100	●	4000	80	38	8,10	1246
07185	36W LED	●	●	●	⏚	4300	3100	●	5000	80	38	8,10	1246
fascio medio > *medium beam*													
07280	18W LED	●	●	●	⏚	2000	1400	●	3000	80	38	4,38	646
07281	18W LED	●	●	●	⏚	2150	1500	●	4000	80	38	4,38	646
07282	18W LED	●	●	●	⏚	2150	1500	●	5000	80	38	4,38	646
07283	36W LED	●	●	●	⏚	4000	2750	●	3000	80	38	8,10	1246
07284	36W LED	●	●	●	⏚	4300	2950	●	4000	80	38	8,10	1246
07285	36W LED	●	●	●	⏚	4300	2950	●	5000	80	38	8,10	1246
fascio diffondente > *wide beam*													
07900	18W LED	●	●	●	⏚	2000	1200	●	3000	80	38	4,38	646
07901	18W LED	●	●	●	⏚	2150	1290	●	4000	80	38	4,38	646
07902	18W LED	●	●	●	⏚	2150	1290	●	5000	80	38	4,38	646
07903	36W LED	●	●	●	⏚	4000	2400	●	3000	80	38	8,10	1246
07904	36W LED	●	●	●	⏚	4300	2600	●	4000	80	38	8,10	1246
07905	36W LED	●	●	●	⏚	4300	2600	●	5000	80	38	8,10	1246
fascio ellittico > *elliptical beam*													
07190	18W LED	●	●	●	⏚	2000	1400	●	3000	80	38	4,38	646
07191	18W LED	●	●	●	⏚	2150	1500	●	4000	80	38	4,38	646
07192	18W LED	●	●	●	⏚	2150	1500	●	5000	80	38	4,38	646
07193	36W LED	●	●	●	⏚	4000	2750	●	3000	80	38	8,10	1246
07194	36W LED	●	●	●	⏚	4300	2950	●	4000	80	38	8,10	1246
07195	36W LED	●	●	●	⏚	4300	2950	●	5000	80	38	8,10	1246
wallwasher													
07910	18W LED	●	●	●	⏚	2000	1200	●	3000	80	38	4,38	646
07911	18W LED	●	●	●	⏚	2150	1290	●	4000	80	38	4,38	646
07912	18W LED	●	●	●	⏚	2150	1290	●	5000	80	38	4,38	646
07913	36W LED	●	●	●	⏚	4000	2400	●	3000	80	38	8,10	1246
07914	36W LED	●	●	●	⏚	4300	2600	●	4000	80	38	8,10	1246
07915	36W LED	●	●	●	⏚	4300	2600	●	5000	80	38	8,10	1246

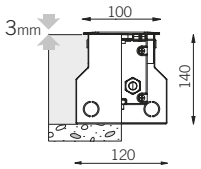












LED

Driver LED incluso.
LED driver included.





LED

16 21

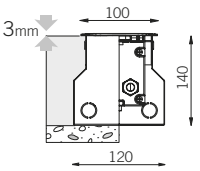
Code	WATT	DMX		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg	L
fascio medio > *medium beam*												
Z7111	**20W LED RGB**	●		⏚			●			38	4,58	646
Z7112	**40W LED RGB**	●		⏚			●			38	8,30	1246
fascio diffondente > *wide beam*												
Z7113	**20W LED RGB**	●		⏚			●			38	4,58	646
Z7114	**40W LED RGB**	●		⏚			●			38	8,30	1246
fascio ellittico > *elliptical beam*												
Z7115	**20W LED RGB**	●		⏚			●			38	4,58	646
Z7116	**40W LED RGB**	●		⏚			●			38	8,30	1246

30° 70° 20°x50°

LED

DMX controller da ordinare separatamente, vedi pag. 282.
DMX controller to be ordered separately, see page 282.

IP67 IK10 Kg 1000



cornice sopra terra > *above the ground rim*

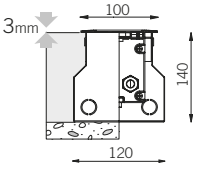
16 21

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg	L
fascio diffondente > *wide beam*													
07314	**3,2W LED**	●			⏚	110		●	6500		37	3,90	646

LED

Driver LED incluso.
LED driver included.

IP67 IK10 Kg 1000



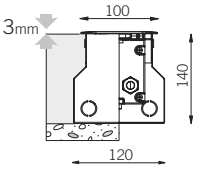
cornice sopra terra > *above the ground rim*

16 21

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Tmax (°C)	Kg	L
fascio simmetrico > *symmetrical beam*													
07310	1x **14W FD** G5	●	●	●	⏚	1350		●	4000	80	39	4,25	646
07312	1x **28W FD** G5	●	●	●	⏚	2900		●	4000	80	39	7,72	1246
07313	1x **35W FD** G5	●	●	●	⏚	3650		●	4000	80	39	9,57	1546
07300	1x **24W FD** G5	●	●	●	⏚	1750		●	4000	80	45	4,25	646
07302	1x **54W FD** G5	●	●	●	⏚	5000		●	4000	80	45	7,72	1246
07303	1x **80W FD** G5	●	●	●	⏚	7000		●	4000	80	45	9,57	1546
fascio asimmetrico > *asymmetrical beam*													
07316	1x **14W FD** G5	●	●	●	⏚	1350		●	4000	80	39	4,25	646
07318	1x **28W FD** G5	●	●	●	⏚	2900		●	4000	80	39	7,72	1246
07319	1x **35W FD** G5	●	●	●	⏚	3650		●	4000	80	39	9,57	1546
07306	1x **24W FD** G5	●	●	●	⏚	1750		●	4000	80	45	4,25	646
07308	1x **54W FD** G5	●	●	●	⏚	5000		●	4000	80	45	7,72	1246
07309	1x **80W FD** G5	●	●	●	⏚	7000		●	4000	80	45	9,57	1546

G5 **T5**

IP67 IK10 Kg 1000



filtri colorati > *coloured filtres*



11 Bianco/*White*
13 Rosso/*Red*
14 Giallo/*Yellow*
17 Blu/*Blue*

L'inserimento dei filtri colorati esclude la possibilità di utilizzare le griglie frangiluce.
If coloured filters are installed, louvred lightscreens cannot be used.

14W - 24W

Code		Kg
07386-11		0,10
07386-13		0,10
07386-14		0,10
07386-17		0,10

28W - 54W

Code		Kg
07388-11		0,20
07388-13		0,20
07388-14		0,20
07388-17		0,20

35W - 80W

Code		Kg
07389-11		0,25
07389-13		0,25
07389-14		0,25
07389-17		0,25

NON ADATTO PER CODICI
NOT SUITABLE FOR CODE
07180 ÷ 07185
07190 ÷ 07195
07280 ÷ 07285
07314
07900 ÷ 07905
07910 ÷ 07915
Z7111 ÷ Z7116

accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
07327	(L=646)	1,90
07328	(L=1246)	3,40
07329	(L=1546)	4,20

Controcassa da interrare in acciaio zincato.
Zinc-plated steel installation-box.



L'inserimento delle griglie frangiluce esclude la possibilità di utilizzare i filtri colorati.
If louvred lightscreens are installed, coloured filters cannot be used.

Code		Kg
07928-12		0,03
07929-12		0,03

14W 2pz - 28W 4pz - 35W 5pz
24W 2pz - 54W 4pz - 80W 5pz

Frangiluce antiabbagliamento in tecnopolimero.
Technopolymer glare-control louvre.

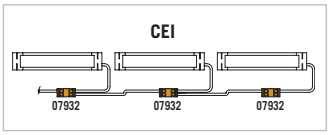
NON ADATTO PER CODICI
NOT SUITABLE FOR CODE
07180 ÷ 07185
07190 ÷ 07195
07280 ÷ 07285
07314
07900 ÷ 07905
07910 ÷ 07915
Z7111 ÷ Z7116

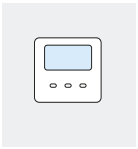
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16.
Dimensions and distances for installation cables of LED drivers, see page 16.



Scatola di connessione IP68.
Junction box IP68.

Code		Kg
07932		0,05





Code		Kg
Z7790-21		0,75

DMX Controller

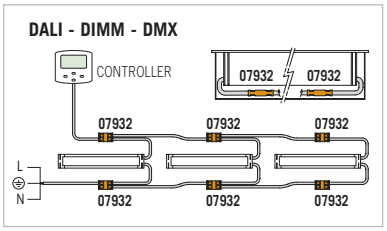
La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).



Code		Kg
Z7790-23	on request	0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.



Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".



KRIO-IN



TESTATE DA ORDINARE A PARTE.
END-CAP TO ORDER SEPARATELY.

Apparecchio
Corpo in alluminio estruso.
Testate in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 8mm resistente agli shock termici.
Carico statico sopportabile: 500Kg.
Apparecchio calpestabile.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-13.

Sorgente
LED con efficienza nominale sino a 107lumen/Watt (4000K - 600mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Pressacavo M16 in tecnopolimero.
Fissaggio con molle in acciaio.
Fornito completo di cavo d'alimentazione (0,7m).
Controcassa in alluminio estruso.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Extruded aluminium body.
Die-cast aluminium caps (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Screen made of 8mm thermal-shock resistant tempered glass.
500Kg static load capacity.
Can be walked over.
It complies with standards EN 60598-1 and EN 60598-2-13.

Source
Nominal LED efficacy up to 107lumen/Watt 4000K - 600mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

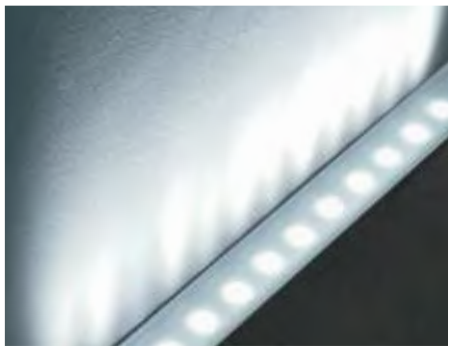
Installation
Recessed installation.
M16 engineering plastic cable gland.
Steel spring clips.
Supplied with power cable (0,7m).
Extruded aluminium recessed box.

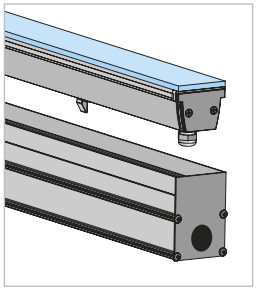
These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 285-286.
Accessories, see page 285-286.

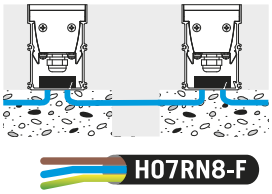
Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.





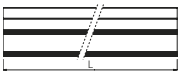


Possibilità di collegamento in cascata.
Utilizzare cavo H07RN8-F.
With facilities for cascade connection.
Use a H07RN8-F cable.



Non installare l'apparecchio in zone infossate.
Avoid installing the light fitting in sunk areas.



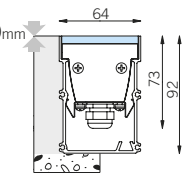




tutto vetro a filo > *full edging glass* 21

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg	L
fascio diffondente > *wide beam*											
07800	3,4W LED			60	40		3000		37	2,90	700
07801	3,4W LED			60	40		4000		37	2,90	700
07803	3,4W LED								37	2,90	700
07805	6,9W LED			115	80		3000		37	5,70	1400
07806	6,9W LED			115	80		4000		37	5,70	1400
07808	6,9W LED								37	5,70	1400

92° x 76°



LED 24 Vdc

Driver LED da ordinare separatamente, vedi pag. 286.
LED driver to be ordered separately, see page 286.

IP67 IK07 Kg 500



tutto vetro a filo > *full edging glass*

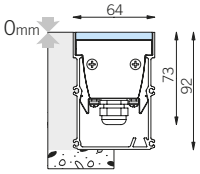
21

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg	L
fascio concentrante > *narrow beam*												
13°												
07810	**24W LED**	●			2350	1850	●	3000	80	38	3,20	700
07811	**24W LED**	●			2500	2000	●	4000	80	38	3,20	700
07812	**24W LED**	●			2500	2000	●	5000	80	38	3,20	700
07815	**48W LED**	●			4700	3750	●	3000	80	38	5,90	1300
07816	**48W LED**	●			5000	4050	●	4000	80	38	5,90	1300
07817	**48W LED**	●			5000	4050	●	5000	80	38	5,90	1300
fascio medio > *medium beam*												
28°												
07820	**24W LED**	●			2350	1600	●	3000	80	38	3,20	700
07821	**24W LED**	●			2500	1750	●	4000	80	38	3,20	700
07822	**24W LED**	●			2500	1750	●	5000	80	38	3,20	700
07825	**48W LED**	●			4700	3250	●	3000	80	38	5,90	1300
07826	**48W LED**	●			5000	3500	●	4000	80	38	5,90	1300
07827	**48W LED**	●			5000	3500	●	5000	80	38	5,90	1300
Z7824	**20W LED RGB**	●					●			38	3,20	700
Z7825	**40W LED RGB**	●					●			38	5,90	1300
fascio diffondente > *wide beam*												
70°												
Z7826	**20W LED RGB**	●					●			38	3,20	700
Z7827	**40W LED RGB**	●					●			38	5,90	1300
fascio ellittico > *elliptical beam*												
9° x 47°												
07830	**24W LED**	●			2350	1450	●	3000	80	38	3,20	700
07831	**24W LED**	●			2500	1550	●	4000	80	38	3,20	700
07832	**24W LED**	●			2500	1550	●	5000	80	38	3,20	700
07835	**48W LED**	●			4700	2900	●	3000	80	38	5,90	1300
07836	**48W LED**	●			5000	3150	●	4000	80	38	5,90	1300
07837	**48W LED**	●			5000	3150	●	5000	80	38	5,90	1300
20°x50°												
Z7834	**20W LED RGB**	●					●			38	3,20	700
Z7835	**40W LED RGB**	●					●			38	5,90	1300

LED 24 Vdc

Driver LED da ordinare separatamente, vedi pag. 286.
LED driver to be ordered separately, see page 286.

IP67 IK07





tutto vetro a filo > *full edging glass*

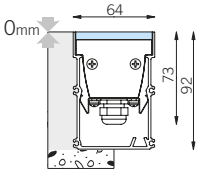
21

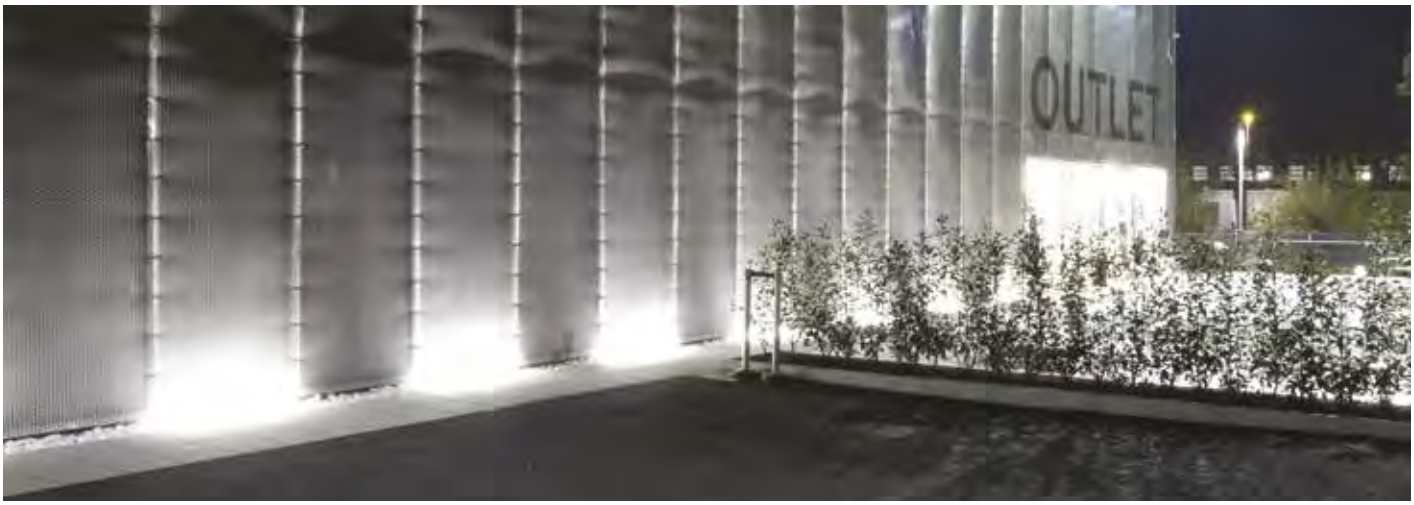
Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg	L
fascio simmetrico > *symmetrical beam*												
07845	**12W LED - 230 Vac**		●		500	360	●	3000	80	38	1,45	300
07846	**12W LED - 230 Vac**		●		500	360	●	4000	80	38	1,45	300
fascio asimmetrico > *asymmetrical beam*												
07855	**6W LED - 230 Vac**		●		250	120	●	3000	80	38	1,45	300
07856	**6W LED - 230 Vac**		●		250	120	●	4000	80	38	1,45	300

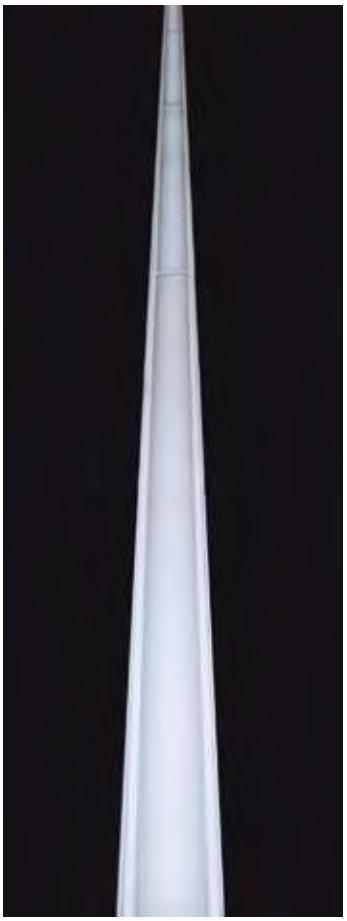
LED 230Vac

Driver LED incluso.
LED driver included.

IP67 IK07

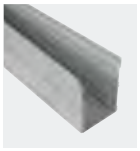






Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa da interrare. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di controcassa (da eliminare se acquistato separatamente in precedenza).

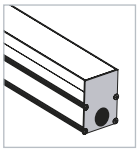
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
07936	(L=300)	0,50
07937	(L=700)	1,10
07938	(L=1300)	2,00
07939	(L=1400)	2,15

Controcassa da interrare in alluminio estruso.
Extruded alumimnium installation-box.



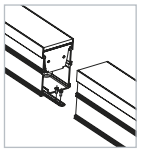




Code		Kg
07930-21	(2pcs)	0,20

Testata finale.
End cap.

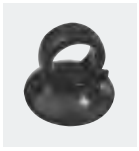






Code		Kg
07931		0,01

Giunto lineare.
Straight joint.

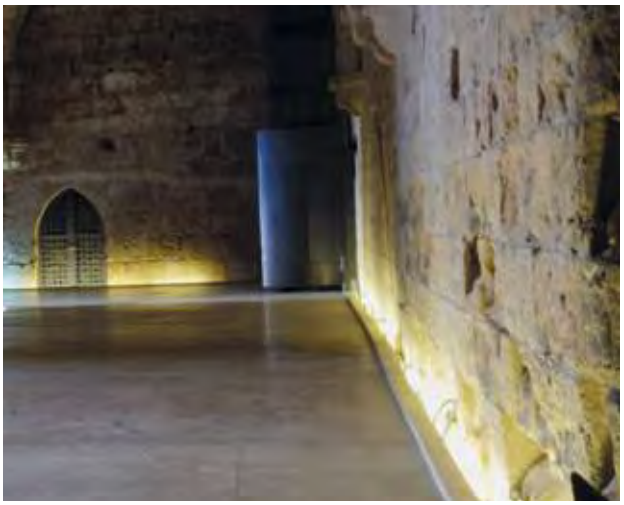




Code		Kg
07933	(1pcs)	0,02

Ventosa.
Suction cup.





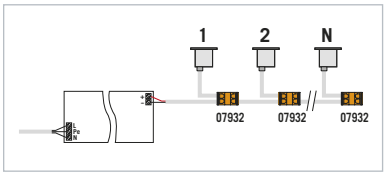
driver LED a tensione costante: 24 Volt > *constant voltage LED driver: 24 Volt*

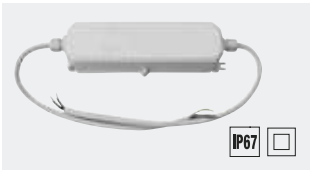
Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																	
			07800	07801	07803	07805	07806	07808	07810 07830	07811 07831	07812 07832	07815 07835	07816 07836	07817 07837	07820	07821	07822	07825	07826	07827
DRIVER IP20																				
07958 CEI	24 Volt	70	18	18	18	9	9	9	2	2	2	1	1	1	2	2	2	1	1	1
07959 CEI	24 Volt	150	36	36	36	18	18	18	5	5	5	2	2	2	5	5	5	2	2	2
DRIVER IP67																				
07953 CEI	24 Volt	60	15	15	15	8	8	8	2	2	2	1	1	1	2	2	2	1	1	1
07954 CEI	24 Volt	96	27	27	27	13	13	13	4	4	4	2	2	2	4	4	5	2	2	2
07955 CEI	24 Volt	180	50	50	50	25	25	25	7	7	7	3	3	3	7	7	5	3	3	3
07956 DALI	24 Volt	120	28	28	28	14	14	14	4	4	4	2	2	2	4	4	4	2	2	2
07956 DIMM	24 Volt	120	28	28	28	14	14	14	4	4	4	2	2	2	4	4	4	2	2	2

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

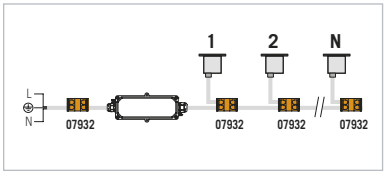


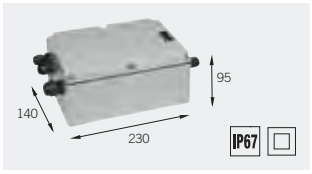
Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07958 CEI	24	70	●			0,30
07959 CEI	24	150	●			0,32



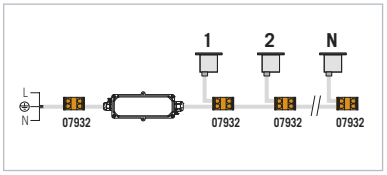


Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP67						
07953 CEI	24	60	●			0,50
07954 CEI	24	96	●			0,60
07955 CEI	24	180	●			0,60





Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP67						
07956 DALI	24	120		●		1,50
07956 DIMM	24	120			●	1,50





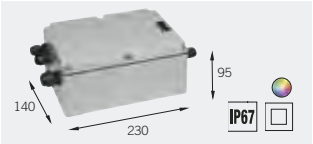
Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.

driver LED **RGB** a tensione costante: 24 Volt > *constant voltage **RGB** LED driver: 24 Volt*

Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*					
			Z7824	Z7825	Z7826	Z7827	Z7834	Z7835
Z7792-40 DMX	24 Volt	3x46	5	2	5	2	5	2

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	Volt	WATT	DMX	Kg
Z7792-40 DMX	24	3x46	●	1,50

Driver LED **RGB**



Code		Kg
Z7790-21	●	0,75

DMX Controller

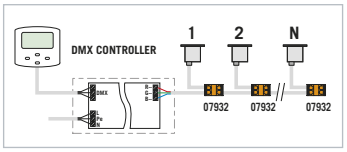
La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).



Code		Kg
Z7790-23	on request	0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.



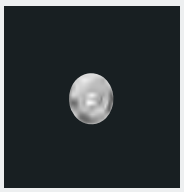
DMX

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".

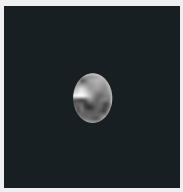
INCASSI A PARETE
RECESSED WALL-MOUNTED LUMINAIRES



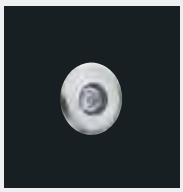
288
NAPO



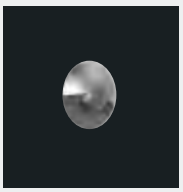
290
THUNDER25



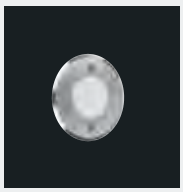
290
THUNDER25



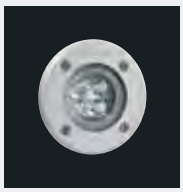
293
THUNDER55



293
THUNDER55



296
THUNDER65



298
THUNDER110



302
THUNDER180



303
KRIOLED



305
RENIO
RENIOLED



307
ASTOR200



311
KAMPUS
KAMPUSLED



NAPO

Apparecchio
Corpo in alluminio satinato o verniciato.
Verniciatura a polvere antingiallimento stabilizzata ai raggi UV.
Guarnizioni in gomma siliconica.
Schermo in PMMA opale.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione ad incasso.
Pressacavo M16 in tecnopolimero.
Completo di controcassa in materiale termoplastico (07299).
Fornito completo di cavo d'alimentazione (3m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Per installazione su pareti in cartongesso, legno o metallo con spessore da 1 a 20mm utilizzare gli apparecchi ad incasso ad alta protezione, vedi pag. 215

Luminaire
Brushed or painted aluminium body.
Polyester powder paint resistant to UV rays.
Silicone rubber gaskets.
Opal PMMA screen.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Installation
Recessed installation.
M16 engineering plastic cable gland.
Supplied with recessed installation box made of engineering plastic (07299).
Supplied with power cable (3m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
For installation on plasterboard, wood or metal plates use high protection degree recessed fixtures, see p. 215

Accessori, vedi pag. 289.
Accessories, see page 289.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

bordo a filo parete > *counter-ring flush with wall*

11 ○

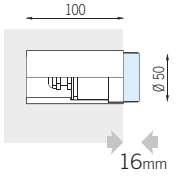


Completo di controcassa in materiale termoplastico (07299).
Complete with thermoplastic material recessed installation box (07299).

fascio diffondente > *wide beam*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7300	0,7W LED - 230Vac	○	⏚	●	●	●	2700	80	0,27
Q7301	0,7W LED - 230Vac	○	⏚	●	●	●	3000	80	0,27
Q7302	0,7W LED - 230Vac	○	⏚	●	●	●	4000	80	0,27
Q7303	0,7W LED - 230Vac	○	⏚	●	●	●	5000	80	0,27
Q7310 *	0,7W LED	○	⧫	●	●	●	2700	80	0,27
Q7311 *	0,7W LED	○	⧫	●	●	●	3000	80	0,27
Q7312 *	0,7W LED	○	⧫	●	●	●	4000	80	0,27
Q7313 *	0,7W LED	○	⧫	●	●	●	5000	80	0,27

80°



LED 230Vac — LED 24Volt

* **Driver LED da ordinare separatamente, vedi pag. 289.**
LED driver to be ordered separately, see page 289.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP66 IK07

con cornice > *with ring*

11 ○ 33 ●

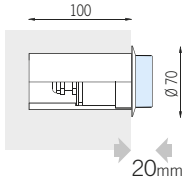


Completo di controcassa in materiale termoplastico (07299).
Complete with thermoplastic material recessed installation box (07299).

fascio diffondente > *wide beam*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7320	0,7W LED - 230Vac	○	⏚	●	●	●	2700	80	0,30
Q7320-33	0,7W LED - 230Vac	○	⏚	●	●	●	2700	80	0,30
Q7321	0,7W LED - 230Vac	○	⏚	●	●	●	3000	80	0,30
Q7321-33	0,7W LED - 230Vac	○	⏚	●	●	●	3000	80	0,30
Q7322	0,7W LED - 230Vac	○	⏚	●	●	●	4000	80	0,30
Q7322-33	0,7W LED - 230Vac	○	⏚	●	●	●	4000	80	0,30
Q7323	0,7W LED - 230Vac	○	⏚	●	●	●	5000	80	0,30
Q7323-33	0,7W LED - 230Vac	○	⏚	●	●	●	5000	80	0,30
Q7330 *	0,7W LED	○	⧫	●	●	●	2700	80	0,30
Q7330-33 *	0,7W LED	○	⧫	●	●	●	2700	80	0,30
Q7331 *	0,7W LED	○	⧫	●	●	●	3000	80	0,30
Q7331-33 *	0,7W LED	○	⧫	●	●	●	3000	80	0,30
Q7332 *	0,7W LED	○	⧫	●	●	●	4000	80	0,30
Q7332-33 *	0,7W LED	○	⧫	●	●	●	4000	80	0,30
Q7333 *	0,7W LED	○	⧫	●	●	●	5000	80	0,30
Q7333-33 *	0,7W LED	○	⧫	●	●	●	5000	80	0,30

80°



LED 230Vac — LED 24Volt

* **Driver LED da ordinare separatamente, vedi pag. 289.**
LED driver to be ordered separately, see page 289.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

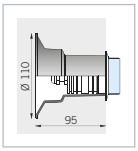
IP66 IK07

accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa.
L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di cassetta (da eliminare se acquistato separatamente in precedenza).

It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance.
The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).

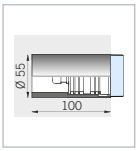




Code		Kg
07293	●	0,08

Controcassa in materiale termoplastico.
Thermoplastic material recessed installation box.





Code		Kg
07299	●	0,06

Controcassa in materiale termoplastico.
Thermoplastic material recessed installation box.



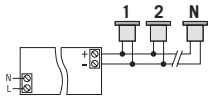
driver LED a tensione costante: 24 Volt > *constant voltage LED driver: 24 Volt*

Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*							
			Q7310	**Q7311**	**Q7312**	**Q7313**	**Q7330**	**Q7331**	**Q7332**	**Q7333**
DRIVER IP20										
07950 CEI	24 Volt	8	10	10	10	10	10	10	10	10
07952 CEI	24 Volt	16	20	20	20	20	20	20	20	20
07952 DALI	24 Volt	16	20	20	20	20	20	20	20	20
07952 DIMM	24 Volt	20	25	25	25	25	25	25	25	25
DRIVER IP67										
07951 CEI	24 Volt	8	10	10	10	10	10	10	10	10

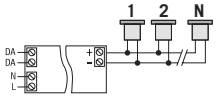
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



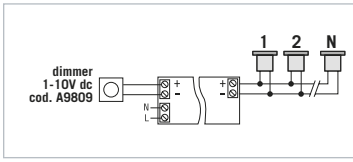
Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07950 CEI	24	8	●			0,11
07952 CEI	24	16	●			0,11

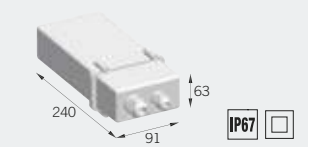


Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DALI	24	16		●		0,11

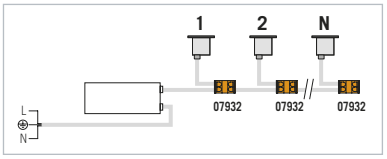


Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DIMM	24	20			●	0,11





Code	Volt	WATT	CEI				Kg
DRIVER IP67							
07951 CEI	24	8	●				0,50





Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.



THUNDER25

Apparecchio
Corpo e cornice in acciaio inox AISI 316L.
Guarnizioni in gomma siliconica.
Schermo in PMMA trasparente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
LED con efficienza nominale sino a 105lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione ad incasso.
Pressacavo M12 in acciaio inox AISI 316L.
Fornito completo di cavo d'alimentazione (3m).
Controcassa in tecnopolimero o acciaio inox AISI 316L.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
Per installazione su pareti in cartongesso, legno o metallo con spessore da 1 a 20mm utilizzare gli apparecchi ad incasso ad alta protezione, vedi pag. 217

Luminaire
AISI 316L stainless steel body and trim.
Silicone rubber gaskets.
Clear PMMA screen.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
Nominal LED efficacy up to 105lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Installation
Recessed installation.
M12 AISI 316L stainless steel cable gland.
Supplied with power cable (3m).
Recessed installation box made of engineering plastic or of AISI 316L stainless steel.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
For installation on plasterboard, wood or metal plates use high protection degree recessed fixtures, see p. 217

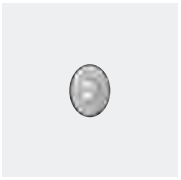
Accessori, vedi pag. 291-292.
Accessories, see page 291-292.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire*

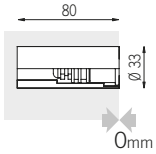
30



Completo di controcassa in materiale termoplastico (07298).
Complete with thermoplastic materiale recessed installation box (07298).

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
Q7420	1W LED	●		130	110	●	3000	80	0,34
Q7421	1W LED	●		140	120	●	4000	80	0,34
Q7422	1W LED	●		140	120	●	5000	80	0,34
fascio ellittico > *elliptical beam*									
Q7426	1W LED	●		130	100	●	3000	80	0,34
Q7427	1W LED	●		140	110	●	4000	80	0,34
Q7428	1W LED	●		140	110	●	5000	80	0,34

22°
43° x 26°



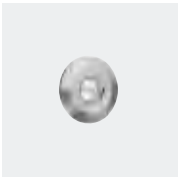
LED 350mA

Driver LED da ordinare separatamente, vedi pag. 292.
LED driver to be ordered separately, see page 292.

IP68 IK10

apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire*

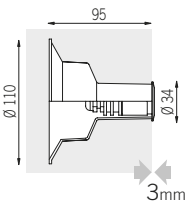
30



Completo di controcassa in materiale termoplastico (07290).
Complete with Thermoplastic material recessed installation box (07290).

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
Q7635	1W LED	●		130	110	●	3000	80	0,37
Q7632	1W LED	●		140	120	●	4000	80	0,37
Q7629	1W LED	●		140	120	●	5000	80	0,37
fascio ellittico > *elliptical beam*									
Q7637	1W LED	●		130	100	●	3000	80	0,37
Q7634	1W LED	●		140	110	●	4000	80	0,37
Q7631	1W LED	●		140	110	●	5000	80	0,37

22°
43° x 26°

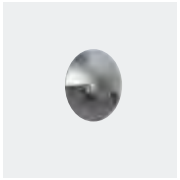


LED 350mA

Driver LED da ordinare separatamente, vedi pag. 292.
LED driver to be ordered separately, see page 292.

IP68 IK10

apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire* 30



Completo di controcassa in materiale termoplastico (07290).
Complete with Thermoplastic material recessed installation box (07290).

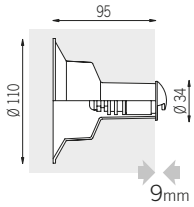
unidirezionale > *one-way illumination*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7687	**2W LED**	●		220	25	●	3000	80	0,41
Q7686	**2W LED**	●		240	30	●	4000	80	0,41
Q7685	**2W LED**	●		240	30	●	5000	80	0,41

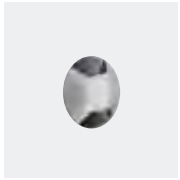


Driver LED da ordinare separatamente, vedi pag. 292.
LED driver to be ordered separately, see page 292.

IP68 IK10



apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire* 30



Completo di controcassa in materiale termoplastico (07290).
Complete with Thermoplastic material recessed installation box (07290).

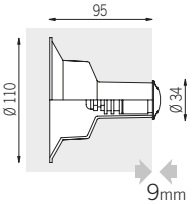
bidirezionale > *two-way illumination*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7683	**2W LED**	●		220	15	●	3000	80	0,41
Q7684	**2W LED**	●		240	20	●	4000	80	0,41
Q7688	**2W LED**	●		240	20	●	5000	80	0,41

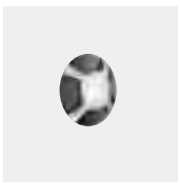


Driver LED da ordinare separatamente, vedi pag. 292.
LED driver to be ordered separately, see page 292.

IP68 IK10



apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire* 30



Completo di controcassa in materiale termoplastico (07290).
Complete with Thermoplastic material recessed installation box (07290).

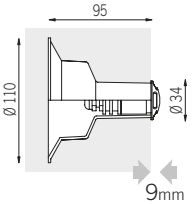
radiale > *radial illumination*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7697	**2W LED**	●		220	35	●	3000	80	0,40
Q7696	**2W LED**	●		240	40	●	4000	80	0,40
Q7695	**2W LED**	●		240	40	●	5000	80	0,40



Driver LED da ordinare separatamente, vedi pag. 292.
LED driver to be ordered separately, see page 292.

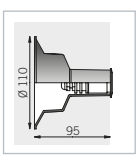
IP68 IK10



accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa.
L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di cassetta (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance.
The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).

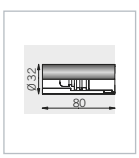




Code		Kg
07290	●	0,06

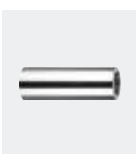
Controcassa in materiale termoplastico.
Thermoplastic material recessed installation box.





Code		Kg
07298	●	0,02

Controcassa in materiale termoplastico.
Thermoplastic material recessed installation box.







Code		Kg
07292	●	0,21

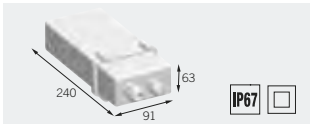
Controcassa in acciaio inox AISI 316L.
Stainless steel AISI 316L recessed installation box.

driver LED a corrente costante: 350mA e 700mA > *constant currente LED driver: 350mA and 700mA*

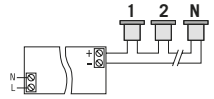
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*															
			Q7420	Q7421	Q7422	Q7423	Q7424	Q7425	Q7426	Q7427	Q7428	Q7429	Q7683	Q7684	Q7688	Q7685	Q7686
			Q7629	Q7630	Q7631	Q7632	Q7633	Q7634	Q7635	Q7636	Q7637	Q7639	Q7687	Q7695	Q7696	Q7697	
DRIVER IP20																	
H7951 CEI	350	20	18	18	18	18	18	18	18	18	18	18					
H7954 CEI	350	25	23	23	23	23	23	23	23	23	23	23					
H7952 DALI	350	15	14	14	14	14	14	14	14	14	14	14					
H7955 DALI	350	40	38	38	38	38	38	38	38	38	38	38					
H7952 DIMM	350	15	14	14	14	14	14	14	14	14	14	14					
H7955 DIMM	350	40	38	38	38	38	38	38	38	38	38	38					
DRIVER IP67																	
H7961 CEI	350	20	18	18	18	18	18	18	18	18	18	18					
H7961 DALI	350	25	23	23	23	23	23	23	23	23	23	23					
H7963 DIMM	700	50	47	47	47	47	47	47	47	47	47	47					
DRIVER IP20																	
H7958 CEI	700	16											6	6	6	6	6
H7954 CEI	700	50											18	18	18	18	18
H7952 DALI	700	32											12	12	12	12	12
H7954 DALI	700	50											18	18	18	18	18
H7952 DIMM	700	25											8	8	8	8	8
H7954 DIMM	700	50											18	18	18	18	18
DRIVER IP67																	
H7963 CEI	700	16											6	6	6	6	6
H7963 DALI	700	50											18	18	18	18	18
H7963 DIMM	700	50											18	18	18	18	18

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

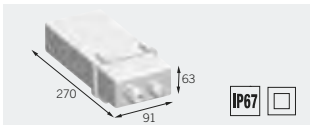




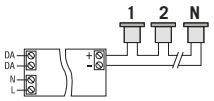
Code	mA	WATT	CEI	Kg
DRIVER IP20				
H7951 CEI	350	20	●	0,11
H7954 CEI	350-700	25-50	●	0,15
H7958 CEI	700	16	●	0,11
DRIVER IP67				
H7961 CEI	350	20	●	0,50
H7963 CEI	700	16	●	0,50





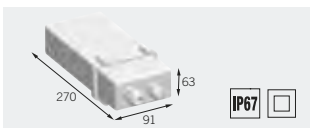


Code	mA	WATT	DALI	Kg
DRIVER IP20				
H7952 DALI	350-700	15-32	●	0,13
H7954 DALI	700	50	●	0,15
H7955 DALI	350	40	●	0,15
DRIVER IP67				
H7961 DALI	350	25	●	0,50
H7963 DALI	700	50	●	0,50

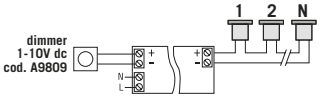


Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.





Code	mA	WATT	DIMM	Kg
DRIVER IP20				
H7952 DIMM	350-700	15-25	●	0,11
H7954 DIMM	700	50	●	0,15
H7955 DIMM	350	40	●	0,15
DRIVER IP67				
H7961 DIMM	350	25	●	0,50
H7963 DIMM	700	50	●	0,50



Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.



THUNDER55

Apparecchio
Corpo e cornice in acciaio inox AISI 316L.
Guarnizioni in gomma siliconica.
Schermo in PMMA trasparente.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 123lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Pressacavo M16 in acciaio inox AISI 316L.
Fornito completo di cavo d'alimentazione (3m).
Controcassa in tecnopolimero o acciaio inox AISI 316L.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
Per installazione su pareti in cartongesso, legno o metallo con spessore da 1 a 20mm utilizzare gli apparecchi ad incasso ad alta protezione, vedi pag. 218

Luminaire
AISI 316L stainless steel body and trim.
Silicone rubber gaskets.
Clear PMMA screen.
Screen made of 5mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 123lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
M16 AISI 316L stainless steel cable gland.
Supplied with power cable (3m).
Recessed installation box made of engineering plastic or of AISI 316L stainless steel.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
For installation on plasterboard, wood or metal plates use high protection degree recessed fixtures, see p. 218

Accessori, vedi pag. 294-295.
Accessories, see page 294-295.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire*

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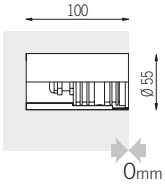
Completo di controcassa in materiale termoplastico (07299).
Complete with thermoplastic material recessed installation box (07299).

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
Q7410	4W LED	●		520	370	●	3000	70	0,74
Q7411	4W LED	●		560	390	●	4000	70	0,74
Q7412	4W LED	●		560	390	●	5000	70	0,74
fascio ellittico > *elliptical beam*									
Q7416	4W LED	●		520	340	●	3000	70	0,74
Q7417	4W LED	●		560	370	●	4000	70	0,74
Q7418	4W LED	●		560	370	●	5000	70	0,74

25°
43° x 26°
LED 350mA

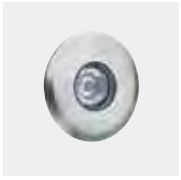
Driver LED da ordinare separatamente, vedi pag. 295.
LED driver to be ordered separately, see page 295.

IP68 IK08



apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire*

30



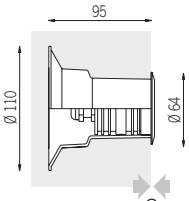
Completo di controcassa in materiale termoplastico (07293).
Complete with Thermoplastic material recessed installation box (07293).

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
Q7675	4W LED	●		520	370	●	3000	70	0,67
Q7672	4W LED	●		560	390	●	4000	70	0,67
Q7669	4W LED	●		560	390	●	5000	70	0,67
fascio ellittico > *elliptical beam*									
Q7677	4W LED	●		520	340	●	3000	70	0,67
Q7674	4W LED	●		560	370	●	4000	70	0,67
Q7671	4W LED	●		560	370	●	5000	70	0,67

25°
43° x 26°
LED 350mA

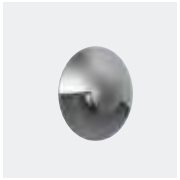
Driver LED da ordinare separatamente, vedi pag. 295.
LED driver to be ordered separately, see page 295.

IP68 IK08



apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire*

30



Completo di controcassa in materiale termoplastico (07293).
Complete with Thermoplastic material recessed installation box (07293).

unidirezionale > *one-way illumination*

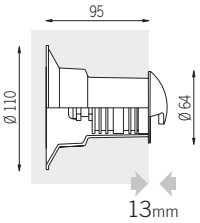
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7680	**4W LED**	●		520	65	●	3000	70	0,75
Q7681	**4W LED**	●		560	70	●	4000	70	0,75
Q7682	**4W LED**	●		560	70	●	5000	70	0,75



LED 350mA

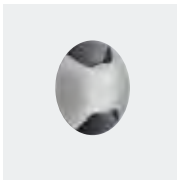
Driver LED da ordinare separatamente, vedi pag. 295.
LED driver to be ordered separately, see page 295.

IP68 IK10



apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire*

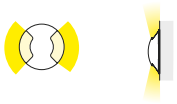
30



Completo di controcassa in materiale termoplastico (07293).
Complete with Thermoplastic material recessed installation box (07293).

bidirezionale > *two-way illumination*

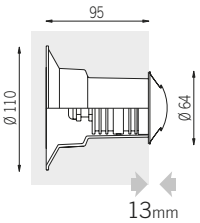
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7693	**4W LED**	●		520	50	●	3000	70	0,72
Q7694	**4W LED**	●		560	55	●	4000	70	0,72
Q7698	**4W LED**	●		560	55	●	5000	70	0,72



LED 350mA

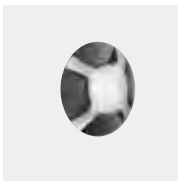
Driver LED da ordinare separatamente, vedi pag. 295.
LED driver to be ordered separately, see page 295.

IP68 IK10



apparecchio in acciaio inox AISI 316L > *AISI 316L stainless steel luminaire*

30



Completo di controcassa in materiale termoplastico (07293).
Complete with Thermoplastic material recessed installation box (07293).

radiale > *radial illumination*

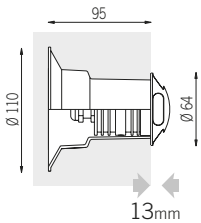
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7690	**4W LED**	●		520	95	●	3000	70	0,72
Q7691	**4W LED**	●		560	100	●	4000	70	0,72
Q7692	**4W LED**	●		560	100	●	5000	70	0,72



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 295.
LED driver to be ordered separately, see page 295.

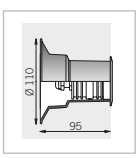
IP68 IK10



accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa.
L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di cassetta (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance.
The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).

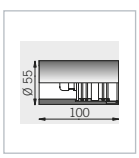




Code		Kg
07293	●	0,08

Controcassa in materiale termoplastico.
Thermoplastic material recessed installation box.

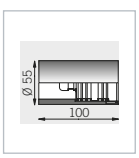




Code		Kg
07299	●	0,06

Controcassa in materiale termoplastico.
Thermoplastic material recessed installation box.







Code		Kg
07295	●	0,60

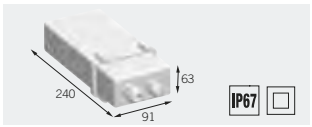
Controcassa in acciaio inox AISI 316L.
Stainless steel AISI 316L recessed installation box.

driver LED a corrente costante: 350mA > *constant currente LED driver: 350mA*

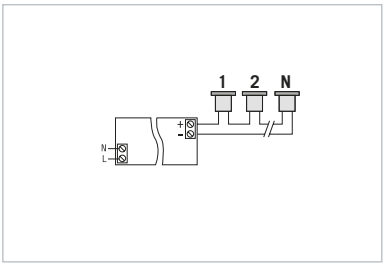
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																	
			Q7410	Q7411	Q7412	Q7416	Q7417	Q7418	Q7669	Q7671	Q7672	Q7674	Q7675	Q7677	Q7680	Q7681	Q7682	Q7690	Q7691	Q7692
			Q7693	Q7694	Q7698															
DRIVER IP20																				
H7951 CEI	350	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
H7954 CEI	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
H7952 DALI	350	15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7955 DALI	350	40	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
H7952 DIMM	350	15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7955 DIMM	350	40	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
DRIVER IP67																				
H7961 CEI	350	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
H7961 DALI	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
H7961 DIMM	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

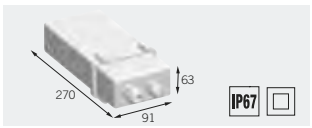




Code	mA	WATT	CEI				Kg
DRIVER IP20							
H7951 CEI	350	20	●				0,11
H7954 CEI	350	25	●				0,15
DRIVER IP67							
H7961 CEI	350	20	●				0,50

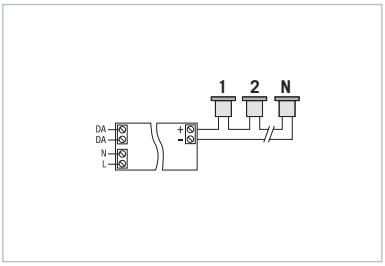




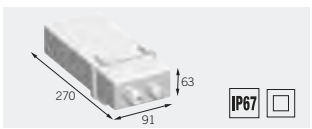


Code	mA	WATT	DALI				Kg
DRIVER IP20							
H7952 DALI	350	15	●				0,13
H7955 DALI	350	40	●				0,15
DRIVER IP67							
H7961 DALI	350	25	●				0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.

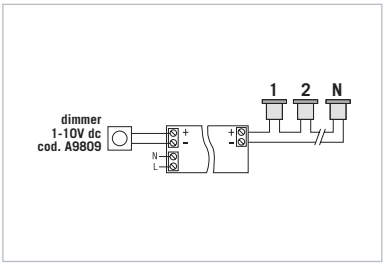


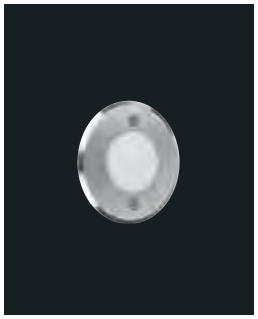




Code	mA	WATT	DIMM				Kg
DRIVER IP20							
H7952 DIMM	350	15	●				0,11
H7955 DIMM	350	40	●				0,21
DRIVER IP67							
H7961 DIMM	350	25	●				0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.





THUNDER65

Apparecchio
Corpo in tecnopolimero rinforzato in fibra di vetro, infrangibile.
Cornice in alluminio pressofuso o acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Schermo in policarbonato opale stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Installazione
Installazione ad incasso.
Passacavo stagno per entrata singola del cavo di alimentazione.
Fornito completo di cavo d'alimentazione (3m).
Controcassa in tecnopolimero.

Altri colori LED disponibili su richiesta.

Luminaire
Shatterproof body made of fiber glass reinforced engineering plastic.
Die-cast aluminium or AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing opal polycarbonate screen.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Installation
Recessed installation.
Waterproof grommet for single cable entry.
Supplied with power cable (3m).
Recessed installation box made of engineering plastic.

Different LED colours available upon request.

Accessori, vedi pag. 297.
Accessories, see page 297.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

cornice in alluminio pressofuso > *die-cast aluminium frame*

11 ○ 16 ● 21 ● 23 ● 33 ●

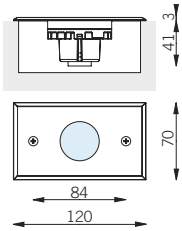


Controcassa da ordinare a parte (Q7799).
Recessed installation box to be ordered separately (Q7799).

fascio diffondente > *wide beam*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q8001-XX *	**0,7W LED**	○		●	●	●	3000		0,17
Q8001-33 *	**0,7W LED**	○		●	●	●	3000		0,17
Q8002-XX *	**0,7W LED**	○		●	●	●	4000		0,17
Q8002-33 *	**0,7W LED**	○		●	●	●	4000		0,17
Q7530-XX	**0,7W LED - 230Vac**	○		●	●	●	3000		0,17
Q7530-33	**0,7W LED - 230Vac**	○		●	●	●	3000		0,17
Q7531-XX	**0,7W LED - 230Vac**	○		●	●	●	4000		0,17
Q7531-33	**0,7W LED - 230Vac**	○		●	●	●	4000		0,17

114°



LED 24Vdc — LED 230Vac

* **Driver LED da ordinare separatamente, vedi pag. 297**
LED driver to be ordered separately, see page 297.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP54 IK07

anello in alluminio pressofuso > *die-cast aluminium ring*

11 ○ 16 ● 21 ● 23 ●

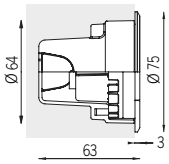


Completo di controcassa.
Complete with recessed installation box.

fascio diffondente > *wide beam*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q8005 *	**0,7W LED**	○		●	●	●	3000		0,16
Q8006 *	**0,7W LED**	○		●	●	●	4000		0,16
Q7540	**0,7W LED - 230Vac**	○		●	●	●	3000		0,16
Q7541	**0,7W LED - 230Vac**	○		●	●	●	4000		0,16

114°



LED 24Vdc — LED 230Vac

* **Driver LED da ordinare separatamente, vedi pag. 297**
LED driver to be ordered separately, see page 297.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP54 IK07

anello in acciaio inox AISI 316L > *AISI 316L stainless steel ring*

30 ●

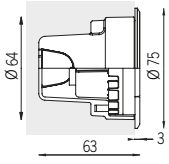


Completo di controcassa.
Complete with recessed installation box.

fascio diffondente > *wide beam*

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q8009 *	**0,7W LED**	○		●	●	●	3000		0,20
Q8010 *	**0,7W LED**	○		●	●	●	4000		0,20
Q7560	**0,7W LED - 230Vac**	○		●	●	●	3000		0,20
Q7561	**0,7W LED - 230Vac**	○		●	●	●	4000		0,20

114°



LED 24Vdc — LED 230Vac

* **Driver LED da ordinare separatamente, vedi pag. 297**
LED driver to be ordered separately, see page 297.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP54 IK07

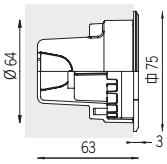
cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*



Completo di controcassa.
Complete with recessed installation box.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*									
Q8013 *	**0,7W LED**	●	⊛	●	●	●	3000		0,23
Q8014 *	**0,7W LED**	●	⊛	●	●	●	4000		0,23
Q7580	**0,7W LED - 230Vac**	●	⊡	●	●	●	3000		0,23
Q7581	**0,7W LED - 230Vac**	●	⊡	●	●	●	4000		0,23





LED 24Vdc — LED 230Vac

* **Driver LED da ordinare separatamente, vedi pag. 297.**
LED driver to be ordered separately, see page 297.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP54 IK07

accessori > *accessories*



Controcassa in materiale termoplastico.
Thermoplastic material recessed installation box.

SU RICHIESTA
ON REQUEST

Adatto per apparecchi codice:
Suitable for articles code:
Q7530 ÷ Q7531
Q8001 ÷ Q8002

Code		Kg
Q7799	**on request**	0,03

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di cassetta (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Controcassa in materiale termoplastico.
Thermoplastic material recessed installation box.

Adatto per apparecchi codice:
Suitable for articles code:
Q7540 ÷ Q7594

Code		Kg
Q7709	●	0,03

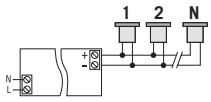
driver LED a tensione costante: 24 Volt > *constant voltage LED driver: 24 Volt*

Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*							
			Q8001	**Q8002**	**Q8005**	**Q8006**	**Q8009**	**Q8010**	**Q8013**	**Q8014**
DRIVER IP20										
07950 CEI	24 Volt	8	10	10	10	10	10	10	10	10
07952 CEI	24 Volt	16	20	20	20	20	20	20	20	20
07952 DALI	24 Volt	16	20	20	20	20	20	20	20	20
07952 DIMM	24 Volt	20	25	25	25	25	25	25	25	25
DRIVER IP67										
07951 CEI	24 Volt	8	10	10	10	10	10	10	10	10

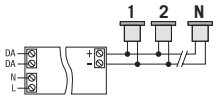
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



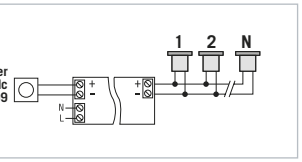
Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07950 CEI	24	8	●			0,11
07952 CEI	24	16	●			0,11
07958 CEI	24	70	●			0,30
07959 CEI	24	150	●			0,32

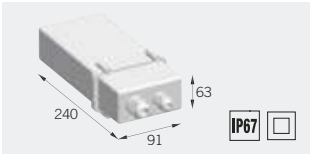


Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DALI	24	16		●		0,11

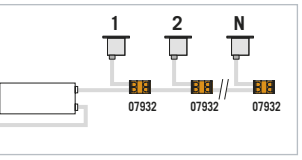


Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DIMM	24	20			●	0,11





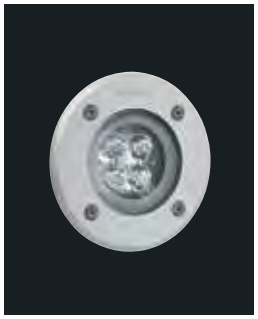
Code	Volt	WATT	CEI				Kg
DRIVER IP67							
07951 CEI	24	8	●				0,50





Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.



THUNDER110

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 8mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 116lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Doppio pressacavo M16 per collegamento in cascata.
Fornito completo di cavo d'alimentazione (0,7m).
Controcassa in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
Per installazione su pareti in cartongesso, legno o metallo con spessore da 1 a 20mm utilizzare gli apparecchi ad incasso ad alta protezione, vedi pag. 219-221

Luminaire
Die-cast aluminium body (EN 47100).
Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Screen made of 8mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 116lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
Double M16 cable gland for through wiring.
Supplied with power cable (0,7m).
Recessed installation box made of engineering plastic.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
For installation on plasterboard, wood or metal plates use high protection degree recessed fixtures, see p. 219-221

Accessori, vedi pag. 300-301.
Accessories, see page 300-301.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



anello in alluminio pressofuso > *die-cast aluminium ring* — 11 ○ 16 ● 21 ● 23 ●

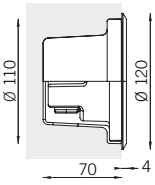
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
Q7800	4W LED	●		490	380	●	3000	80	0,50
Q7801	4W LED	●		530	410	●	4000	80	0,50
Q7802	4W LED	●		530	410	●	5000	80	0,50

11°

LED 350mA

Driver LED da ordinare separatamente, vedi pag. 300-301.
LED driver to be ordered separately, see page 300-301.

IP67 IK07





anello in alluminio pressofuso > *die-cast aluminium ring* — 11 ○ 16 ● 21 ● 23 ●

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > *wide beam*									
Q7807 *	1,8W LED - 12Vdc	●		70	20	●	4000		0,50
fascio diffondente > *wide beam*									
Q8021	0,7W LED - 230Vac	●		●	●	●	3000	80	0,55
Q8022	0,7W LED - 230Vac	●		●	●	●	4000	80	0,55
Q8025 *	0,7W LED - 24Vdc	●		●	●	●	3000	80	0,55
Q8026 *	0,7W LED - 24Vdc	●		●	●	●	4000	80	0,55

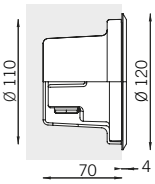
86°
110°

LED 12Vdc | LED 230Vac | LED 24Vdc

* **Driver LED da ordinare separatamente, vedi pag. 300-301.**
LED driver to be ordered separately, see page 300-301.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP67 IK07





anello in acciaio inox AISI 316L > *AISI 316L stainless steel ring*

30

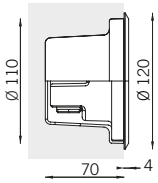
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > narrow beam									
Q7810	4W LED	●		490	380	●	3000	80	0,67
Q7811	4W LED	●		530	410	●	4000	80	0,67
Q7812	4W LED	●		530	410	●	5000	80	0,67

11°

LED 350mA

Driver LED da ordinare separatamente, vedi pag. 300-301.
LED driver to be ordered separately, see page 300-301.

IP67 IK07





anello in acciaio inox AISI 316L > *AISI 316L stainless steel ring*

30

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > wide beam									
Q7817 *	1,8W LED - 12Vdc	●		70	20	●	4000		0,67
fascio diffondente > wide beam									
Q8031	0,7W LED - 230Vac	●		●	●	●	3000	80	0,72
Q8032	0,7W LED - 230Vac	●		●	●	●	4000	80	0,72
Q8035 *	0,7W LED - 24Vdc	●		●	●	●	3000	80	0,72
Q8036 *	0,7W LED - 24Vdc	●		●	●	●	4000	80	0,72

86°

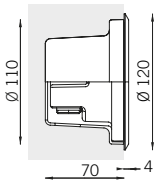
110°

LED 12Vdc | LED 230Vac | LED 24Vdc

* **Driver LED da ordinare separatamente, vedi pag. 300-301.**
LED driver to be ordered separately, see page 300-301.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP67 IK07





cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*

30

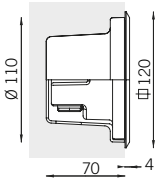
Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > narrow beam									
Q7820	4W LED	●		490	380	●	3000	80	0,71
Q7821	4W LED	●		530	410	●	4000	80	0,71
Q7822	4W LED	●		530	410	●	5000	80	0,71

11°

LED 350mA

Driver LED da ordinare separatamente, vedi pag. 300-301.
LED driver to be ordered separately, see page 300-301.

IP67 IK07





cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*

30

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio diffondente > wide beam									
Q7827*	1,8W LED - 12Vdc	●		70	20	●	4000		0,71
fascio diffondente > wide beam									
Q8041	0,7W LED - 230Vac	●		●	●	●	3000	80	0,76
Q8042	0,7W LED - 230Vac	●		●	●	●	4000	80	0,76
Q8045 *	0,7W LED - 24Vdc	●		●	●	●	3000	80	0,76
Q8046 *	0,7W LED - 24Vdc	●		●	●	●	4000	80	0,76

86°

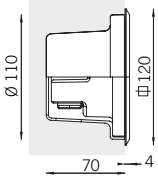
110°

LED 12Vdc | LED 230Vac | LED 24Vdc

* **Driver LED da ordinare separatamente, vedi pag. 300-301.**
LED driver to be ordered separately, see page 300-301.

● **Per dati fotometrici aggiornati, vedere il sito web**
For updated photometric data, please see the website

IP67 IK07

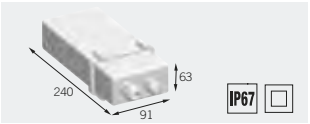


driver LED a tensione costante: 12 Volt > *constant voltage LED driver: 12 Volt*

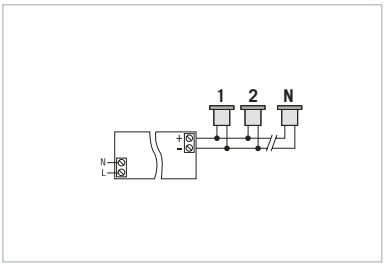
Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*		
			Q7807	**Q7817**	**Q7827**
DRIVER IP20					
H7953 CEI	12 Volt	16	8	8	8
DRIVER IP67					
H7965 CEI	12 Volt	16	8	8	8

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*





Code		WATT	CEI			Kg
DRIVER IP20						
H7953 CEI	12 Volt	16	●			0,09
DRIVER IP67						
H7965 CEI	12 Volt	16	●			0,55



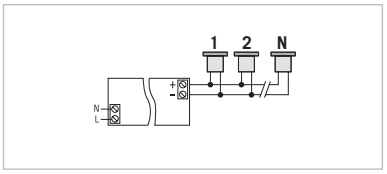
driver LED a tensione costante: 24 Volt > *constant voltage LED driver: 24 Volt*

Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*					
			Q8025	**Q8026**	**Q8035**	**Q8036**	**Q8045**	**Q8046**
DRIVER IP20								
07950 CEI	24 Volt	8	10	10	10	10	10	10
07952 CEI	24 Volt	16	20	20	20	20	20	20
07952 DALI	24 Volt	16	20	20	20	20	20	20
07952 DIMM	24 Volt	20	25	25	25	25	25	25
DRIVER IP67								
07951 CEI	24 Volt	8	10	10	10	10	10	10

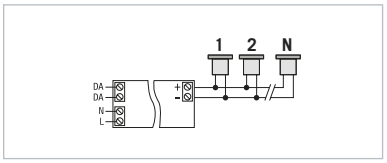
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



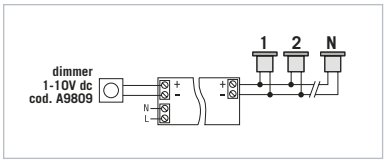
Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07950 CEI	24	8	●			0,11
07952 CEI	24	16	●			0,11
07958 CEI	24	70	●			0,30
07959 CEI	24	150	●			0,32

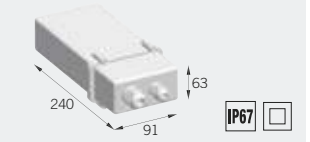


Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DALI	24	16		●		0,11

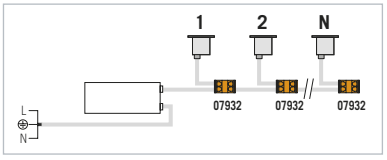


Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07952 DIMM	24	20			●	0,11





Code	Volt	WATT	CEI			Kg
DRIVER IP67						
07951 CEI	24	8	●			0,50





Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.

accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di cassetta (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance.
The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
Q7749	●	0,07

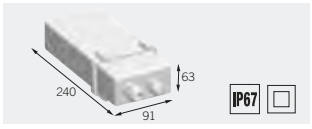
Controcassa in materiale termoplastico.
Thermoplastic material recessed installation box.

driver LED a corrente costante: 350mA e 500mA > *constant currente LED driver: 350mA and 500mA*

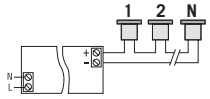
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*								
			Q7800	**Q7801**	**Q7802**	**Q7810**	**Q7811**	**Q7812**	**Q7820**	**Q7821**	**Q7822**
DRIVER IP20											
H7951 CEI	350	20	4	4	4	4	4	4	4	4	4
H7954 CEI	350	25	5	5	5	5	5	5	5	5	5
H7952 DALI	350	15	3	3	3	3	3	3	3	3	3
H7955 DALI	350	40	9	9	9	9	9	9	9	9	9
H7952 DIMM	350	15	3	3	3	3	3	3	3	3	3
H7955 DIMM	350	40	9	9	9	9	9	9	9	9	9
DRIVER IP67											
H7961 CEI	350	20	4	4	4	4	4	4	4	4	4
H7961 DALI	350	25	5	5	5	5	5	5	5	5	5
H7961 DIMM	350	25	5	5	5	5	5	5	5	5	5

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

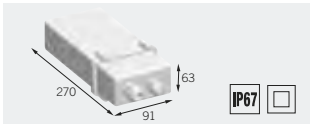




Code	mA	WATT	CEI				Kg
DRIVER IP20							
H7951 CEI	350	20	●				0,11
H7954 CEI	350	25	●				0,15
DRIVER IP67							
H7961 CEI	350	20	●				0,50

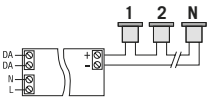




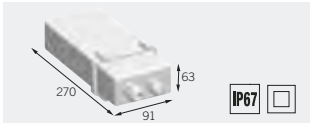


Code	mA	WATT	DALI				Kg
DRIVER IP20							
H7952 DALI	350	15	●				0,13
H7955 DALI	350	40	●				0,15
DRIVER IP67							
H7961 DALI	350	25	●				0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.

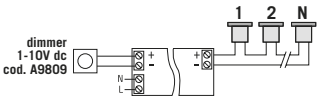






Code	mA	WATT	DIMM				Kg
DRIVER IP20							
H7952 DIMM	350	15	●				0,11
H7955 DIMM	350	40	●				0,21
DRIVER IP67							
H7961 DIMM	350	25	●				0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 11.
See page 11 for technical details and control accessories DALI and DIMM.





THUNDER180

Apparecchio
Corpo e cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 110lumen/Watt (4000K - 20mA - CRI>80 - Ta=25°C).
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione ad incasso.
Pressacavo PG11 in tecnopolimero.
Controcassa in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body and trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Screen made of 5mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 110lumen/Watt (4000K - 20mA - CRI>80 - Ta=25°C).
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Recessed installation.
PG11 engineering plastic cable gland.
Recessed installation box made of engineering plastic.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

tutta luce > *full light*

16 21 23

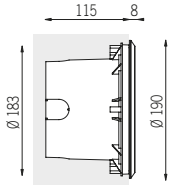


fascio diffondente > *wide beam*

Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg
Q7750	**10W LED - 230Vac**	●			⏚	1300	270	●	3000	80	1,15
Q7751	**10W LED - 230Vac**	●			⏚	1300	270	●	4000	80	1,15
Q7752	**10W LED - 230Vac**	●			⏚	1300	270	●	5000	80	1,15
Q7710	1x **10W FSQ** G24 d-1		●		⏚	600		●	4000	80	1,20

LED 230Vac
G24 d-1 **10W FSQ**
OSRAM
SYLVANIA

IP67 IK07



con frangiluce > *with louvre*

16 21 23

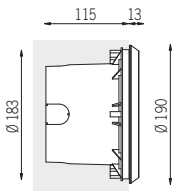


fascio asimmetrico > *asymmetrical beam*

Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg
Q7753	**10W LED - 230Vac**	●			⏚	1300	125	●	3000	80	1,66
Q7754	**10W LED - 230Vac**	●			⏚	1300	125	●	4000	80	1,66
Q7755	**10W LED - 230Vac**	●			⏚	1300	125	●	5000	80	1,66
Q7713	1x **10W FSQ** G24 d-1		●		⏚	600		●	4000	80	1,66

LED 230Vac
G24 d-1 **10W FSQ**
OSRAM
SYLVANIA

IP67 IK07



radente unidirezionale > *one-way grazing illumination*

16 21 23

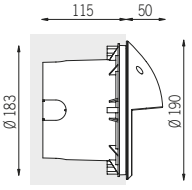


fascio asimmetrico > *asymmetrical beam*

Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg
Q7756	**4W LED**			●	⏚	480	200	●	3000	80	1,45
Q7757	**4W LED**			●	⏚	500	220	●	4000	80	1,45
Q7758	**4W LED**			●	⏚	500	220	●	5000	80	1,45
Q7716	1x **10W FSQ** G24 d-1		●		⏚	600		●	4000	80	1,45

LED
G24 d-1 **10W FSQ**
OSRAM
SYLVANIA

IP54 IK07



accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di cassetta (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
Q7796	●	0,20

Controcassa in materiale termoplastico.
Thermoplastic material recessed installation box.



KRIOLED

Apparecchio
Corpo in alluminio estruso.
Testate in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Schermo in vetro temperato di spessore 8mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 150lumen/Watt (4000K - 60mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione ad incasso.
Pressacavo M16 in tecnopolimero.
Fissaggio con molle in acciaio.
Fornito completo di cavo d'alimentazione (0,7m).
Controcassa in alluminio estruso.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Extruded aluminium body.
Die-cast aluminium caps (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Screen made of 8mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 150lumen/Watt (4000K - 60mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Recessed installation.
M16 engineering plastic cable gland.
Steel spring clips.
Supplied with power cable (0,7m).
Extruded aluminium recessed box.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 304.
Accessories, see page 304.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.





KRIO pag./*page* 322



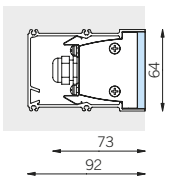
KRIO-IN pag./*page* 283

Completa la gamma l'apparecchio KRIO-IN per incasso a terreno e KRIO per applicazione a parete.
The range also includes the in-ground recessed-mounting KRIO-IN and the wall-mounting KRIO.



tutto vetro a filo > *full edging glass* 21

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	L
fascio simmetrico > *symmetrical beam*											
Q7845	**12W LED**	●		⏚	500	360	●	3000	80	1,95	300
Q7844	**12W LED**	●		⏚	500	360	●	4000	80	1,95	300
fascio asimmetrico > *asymmetrical beam*											
Q7855	**6W LED**	●		⏚	250	120	●	3000	80	1,95	300
Q7854	**6W LED**	●		⏚	250	120	●	4000	80	1,95	300



LED

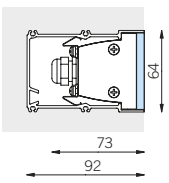
Driver LED incluso.
LED driver included.

IP67 IK07



tutto vetro a filo > *full edging glass* 21

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	L
fascio diffondente > *wide beam*											
Q7830	**0,7W LED**	●		⏚	10	8	●	3000		0,65	160
Q7831	**0,7W LED**	●		⏚	10	8	●	4000		0,65	160
Q7833 🔵	**0,7W LED**	●		⏚			●			0,65	160
Q7835	**1,4W LED**	●		⏚	25	16	●	3000		1,20	300
Q7836	**1,4W LED**	●		⏚	25	16	●	4000		1,20	300
Q7838 🔵	**1,4W LED**	●		⏚			●			1,20	300



LED
24 Vdc

Driver LED da ordinare separatamente, vedi pag. 304.
LED driver to be ordered separately, see page 304.

IP67 IK07

accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di cassetta (da eliminare se acquistato separatamente in precedenza).

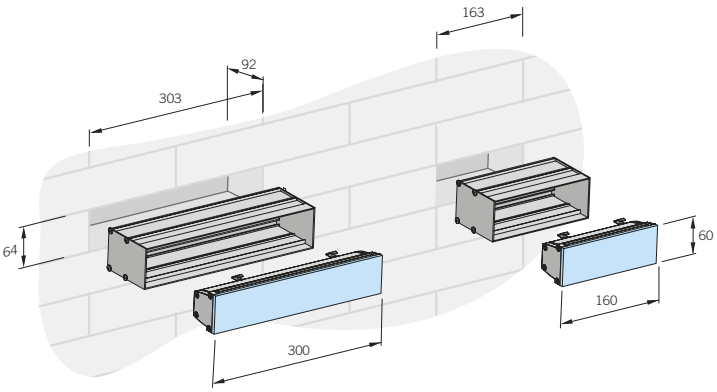
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



21

Code		Kg
Q7776	(L=160)	0,45
Q7777	(L=300)	0,70

Controcassa in alluminio estruso.
Recessed installation box in extruded aluminium.







Code		Kg
07933	(1pcs)	0,02

Ventosa.
Suction cup.



Code		Kg
07932		0,05

Scatola di connessione IP68.
Junction box IP68.

Per lunghezze superiori si posso utilizzare gli articoli KRIO-IN di pagina 283.
For extra-lenght is possible use the articles KRIO-IN page 283.

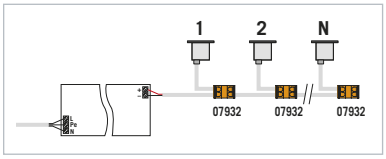
driver LED a tensione costante: 24 Volt > *constant voltage LED driver: 24 Volt*

Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*							
			Q7830	**Q7831**	**Q7832**	**Q7833**	**Q7835**	**Q7836**	**Q7837**	**Q7838**
DRIVER IP20										
07950 CEI	24 Volt	8	5	5	5	5	3	3	3	3
07958 CEI	24 Volt	70	42	42	42	42	25	25	25	25
DRIVER IP67										
07951 CEI	24 Volt	8	5	5	5	5	3	3	3	3

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

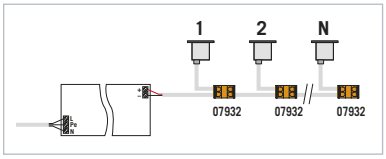


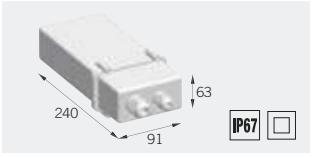
Code	Volt	WATT	CEI	Kg
DRIVER IP20				
07950 CEI	24	8	●	0,11



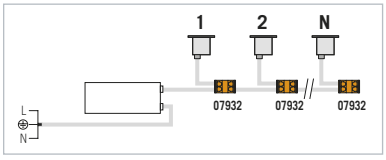


Code	Volt	WATT	CEI	Kg
DRIVER IP20				
07958 CEI	24	70	●	0,30





Code	Volt	WATT	CEI	Kg
DRIVER IP67				
07951 CEI	24	8	●	0,50





RENIO

Apparecchio
Corpo in tecnopolimero rinforzato in fibra di vetro, infrangibile.
Cornice o frangiluce in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Schermo in policarbonato rigato e sabbiato internamente per ridurre l'abbagliamento, liscio esternamente per facilitare la pulizia.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.
Sorgente
LED con efficienza nominale sino a 150lumen/Watt (4000K - 60mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.
Installazione
Installazione ad incasso.
Doppio passacavo stagno per collegamento in cascata.
Controcassa in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Shatterproof body made of fiber glass reinforced engineering plastic.
Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim or louvre.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Ribbed and internally frosted polycarbonate diffuser to reduce glare, smooth outside surface to ease cleaning.
It complies with standards EN 60598-1 and EN 60598-2-2.
Source
Nominal LED efficacy up to 150lumen/Watt (4000K - 60mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.
Installation
Recessed installation.
Double waterproof grommet for through wiring.
Recessed installation box made of engineering plastic.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 306.
Accessories, see page 306..

tutta luce > *full light*

11 ○ 12 ● 21 ●



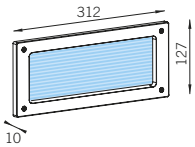
Cornice in alluminio pressofuso.
Schermo in policarbonato.
Die-cast aluminium frame.
Polycarbonate screen.

fascio diffondente > *wide beam*

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg
Q7746	**18W LED**		●		900	430	●	3000	80	1,82
Q7747	**18W LED**		●		1200	580	●	4000	80	1,82
Q7721	1x **18W FSD** 2G11		●		1200		●	4000	80	1,57
Q7722	1x **20W FSM-E** E27	●								1,00

LED · E27 **20W FSM-E 230Volt** · 2G11 **18W FSD**

IP65 IK09



con frangiluce > *with louvre*

11 ○ 12 ● 21 ●



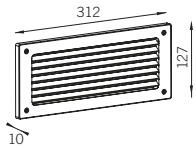
Cornice in alluminio pressofuso.
Schermo in policarbonato.
Die-cast aluminium frame.
Polycarbonate screen.

fascio asimmetrico > *asymmetrical beam*

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg
Q7748	**18W LED**		●		900	130	●	3000	80	1,97
Q7723	**18W LED**		●		1200	170	●	4000	80	1,97
Q7725	1x **18W FSD** 2G11		●		1200		●	4000	80	1,72
Q7726	1x **20W FSM-E** E27	●								1,15

LED · E27 **20W FSM-E 230Volt** · 2G11 **18W FSD**

IP65 IK09



unidirezionale > *one-way illumination*

11 ○ 12 ● 21 ●



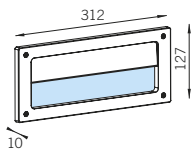
Cornice in alluminio pressofuso.
Schermo in policarbonato.
Die-cast aluminium frame.
Polycarbonate screen.

fascio asimmetrico > *asymmetrical beam*

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg
Q7727	**18W LED**		●		900	210	●	3000	80	1,97
Q7728	**18W LED**		●		1200	280	●	4000	80	1,97
Q7729	1x **18W FSD** 2G11		●		1200		●	4000	80	1,72

LED · 2G11 **18W FSD**

IP65 IK09



tutta luce > *full light*

30



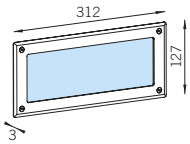
Cornice in acciaio inox AISI 316L.
Schermo in policarbonato.
AISI 316L stainless steel frame.
Polycarbonate screen.

fascio diffondente > *wide beam*

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg
Q7730	**18W LED**				900	430	●	3000	80	2,00
Q7731	**18W LED**				1200	580	●	4000	80	2,00
Q7733	1x **18W FSD** 2G11				1200		●	4000	80	1,75
Q7734	1x **20W FSM-E** E27	●								1,18

LED — E27 **20W FSM-E 230Volt** — 2G11 **18W FSD**

IP65 IK09



unidirezionale > *one-way illumination*

30



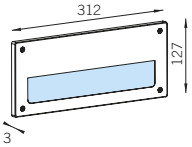
Cornice in acciaio inox AISI 316L.
Schermo in policarbonato.
AISI 316L stainless steel frame.
Polycarbonate screen.

fascio asimmetrico > *asymmetrical beam*

Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg
Q7735	**18W LED**				900	210	●	3000	80	2,25
Q7736	**18W LED**				1200	280	●	4000	80	2,25
Q7737	1x **18W FSD** 2G11				1200		●	4000	80	2,00

LED — 2G11 **18W FSD**

IP65 IK09



accessori > *accessories*

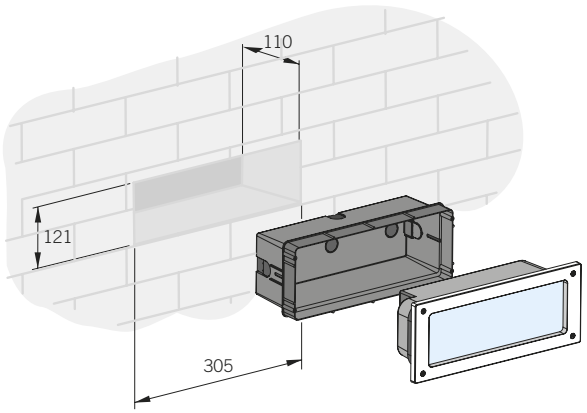
Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di cassetta (da eliminare se acquistato separatamente in precedenza).

It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
Q7739	●	0,20

Controcassa in materiale termoplastico.
Thermoplastic material recessed installation box.





ASTOR200

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Cornice in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver protetto alle sovra-tensioni di rete.
Riflettori in policarbonato metallizzato ad alto vuoto.
Schermo in policarbonato trasparente stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0 o in vetro temperato di spessore 10mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente
LED con efficienza nominale sino a 123lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.

Installazione
Installazione ad incasso.
Cassetta di cablaggio in alluminio pressofuso (EN 47100).
Pressacavo M20 in tecnopolimero.
Fornito completo di cavo d'alimentazione (0,7m).
Controcassa in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body (EN 47100).
Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges.
Reflector made of engineering plastic metalized in high-vacuum.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing clear polycarbonate screen or 10mm thermal-shock resistant tempered glass screen.
It complies with standards EN 60598-1 and EN 60598-2-2.

Source
Nominal LED efficacy up to 123lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.

Installation
Recessed installation.
Die-cast aluminium control gear box (EN 47100).
M20 engineering plastic cable gland.
Supplied with power cable (0,7m).
Galvanized steel recessed box.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 308-310.
Accessories, see page 308-310.



Con schermo opale in policarbonato.
With opal polycarbonate screen.

cornice in alluminio pressofuso > *die-cast aluminium frame* 16 21

fascio simmetrico > *symmetrical beam*

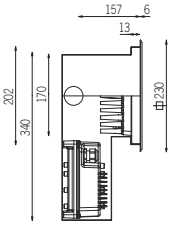


Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
Q7440	15W LED	●	●	●	⏚	1850	950	●	3000	80	≤ 75	5,50
Q7441	15W LED	●	●	●	⏚	1950	1000	●	4000	80	≤ 75	5,50
Q7442	15W LED	●	●	●	⏚	2000	1050	●	5000	80	≤ 75	5,50

LED

Driver LED incluso.
LED driver tincluded.

IP65 IK09





Con schermo trasparente in policarbonato.
With clear polycarbonate screen.

cornice in alluminio pressofuso > *die-cast aluminium frame* 16 21

fascio asimmetrico > *asymmetrical beam*

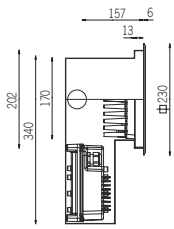


Code	WATT	SC	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
Q7443	36W LED		●		⏚	3950	2500	●	3000	70	≤ 75	5,50
Q7444	36W LED		●		⏚	4250	2700	●	4000	70	≤ 75	5,50
Q7445	36W LED		●		⏚	4250	2700	●	5000	70	≤ 75	5,50

LED

Driver LED incluso.
LED driver tincluded.

IP65 IK09



cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*

30



Con vetro opale.
With opal glass.

fascio simmetrico > *symmetrical beam*

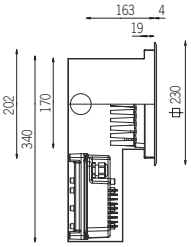
Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
Q7460	**15W LED**	●	●	●	⏚	1850	950	●	3000	80	≤ 75	6,00
Q7461	**15W LED**	●	●	●	⏚	1950	1000	●	4000	80	≤ 75	6,00
Q7462	**15W LED**	●	●	●	⏚	2000	1050	●	5000	80	≤ 75	6,00



LED

Driver LED incluso.
LED driver tincluded.

IP67 IK10



cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*

30



Con vetro serigrafato.
With painted glass.

fascio asimmetrico > *asymmetrical beam*

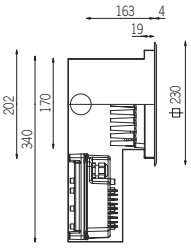
Code	WATT	SC	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
Q7463	**36W LED**	●			⏚	3950	2500	●	3000	70	≤ 75	6,00
Q7464	**36W LED**	●			⏚	4250	2700	●	4000	70	≤ 75	6,00
Q7465	**36W LED**	●			⏚	4250	2700	●	5000	70	≤ 75	6,00



LED

Driver LED incluso.
LED driver tincluded.

IP67 IK10



accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di cassetta (da eliminare se acquistato separatamente in precedenza).

It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Per versioni con cornice in alluminio pressofuso.
For die-cast aluminium frame.

Code		Kg
Q7449	●	1,60

Controcassa in acciaio zincato.
Galvanized steel recessed box.



Per versioni con cornice in acciaio inox AISI 316L.
For stainless steel AISI 316L frame.

Code		Kg
Q7469	●	1,60

Controcassa in acciaio zincato.
Galvanized steel recessed box.



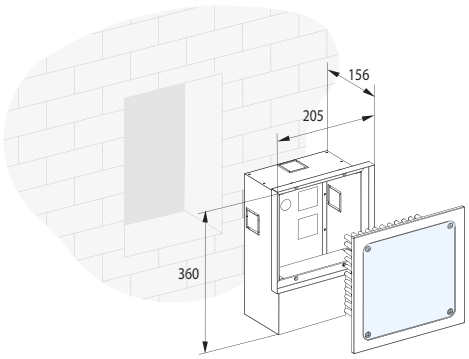
Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.

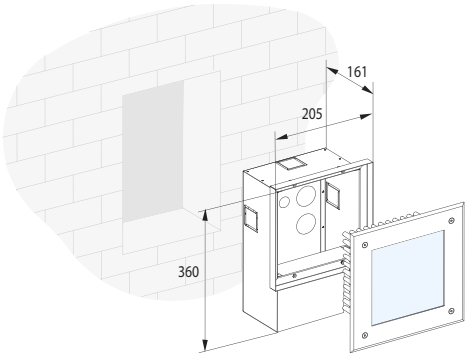
Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 13.

Cabling diagrams, specifications for driver installation and light control systems, see pagee 13 "Controlling the light ".

CORNICE IN ALLUMINIO PRESSOFUSO
DIE-CAST ALUMINIUM FRAME



CORNICE IN ACCIAIO INOX AISI 316L
AISI 316L STAINLESS STEEL FRAME



cornice in alluminio pressofuso > *die-cast aluminium frame*

16 21



Con schermo opale in policarbonato.
With opal polycarbonate screen.

fascio simmetrico > *symmetrical beam*

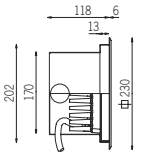
Code	WATT	SC	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
Q7450	15W LED	●				1850	950	●	3000	80	≤ 75	4,00
Q7451	15W LED	●				1950	1000	●	4000	80	≤ 75	4,00
Q7452	15W LED	●				2000	1050	●	5000	80	≤ 75	4,00



LED 700mA

Driver LED da ordinare separatamente, vedi pag.310.
LED driver to be ordered separately, see page 310.

IP65 IK09



cornice in alluminio pressofuso > *die-cast aluminium frame*

16 21



Con schermo trasparente in policarbonato.
With clear polycarbonate screen.

fascio asimmetrico > *asymmetrical beam*

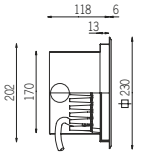
Code	WATT	SC	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
Q7453	36W LED	●				3950	2500	●	3000	70	≤ 75	4,00
Q7454	36W LED	●				4250	2700	●	4000	70	≤ 75	4,00
Q7455	36W LED	●				4250	2700	●	5000	70	≤ 75	4,00



LED 350mA

Driver LED da ordinare separatamente, vedi pag.310.
LED driver to be ordered separately, see page 310.

IP65 IK09



cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*

30



Con vetro opale.
With opal glass.

fascio simmetrico > *symmetrical beam*

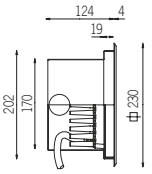
Code	WATT	SC	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
Q7470	15W LED	●				1850	950	●	3000	80	≤ 75	4,50
Q7471	15W LED	●				1950	1000	●	4000	80	≤ 75	4,50
Q7472	15W LED	●				2000	1050	●	5000	80	≤ 75	4,50



LED 700mA

Driver LED da ordinare separatamente, vedi pag.310.
LED driver to be ordered separately, see page 310.

IP67 IK10



cornice in acciaio inox AISI 316L > *AISI 316L stainless steel frame*

30



Con vetro serigrafato.
With painted glass.

fascio asimmetrico > *asymmetrical beam*

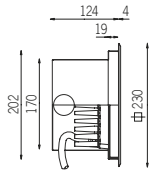
Code	WATT	SC	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Tmax (°C)	Kg
Q7473	36W LED	●				3950	2500	●	3000	70	≤ 75	4,50
Q7474	36W LED	●				4250	2700	●	4000	70	≤ 75	4,50
Q7475	36W LED	●				4250	2700	●	5000	70	≤ 75	4,50



LED 350mA

Driver LED da ordinare separatamente, vedi pag.310.
LED driver to be ordered separately, see page 310.

IP67 IK10



accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di cassetta (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Per versioni con cornice in alluminio pressofuso.
For die-cast aluminium frame.

Code		Kg
Q7459	●	0,83

Controcassa in acciaio zincato.
Galvanized steel recessed box.



Per versioni con cornice in acciaio inox AISI 316L.
For stainless steel AISI 316L frame.

Code		Kg
Q7479	●	0,83

Controcassa in acciaio zincato.
Galvanized steel recessed box.

Cassetta d'alimentazione LED a corrente costante: 350mA e 700mA > *constant current LED control gear box: 350mA and 700mA* 16

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*											
			Q7450	**Q7451**	**Q7452**	**Q7470**	**Q7471**	**Q7472**	**Q7453**	**Q7454**	**Q7455**	**Q7473**	**Q7474**	**Q7475**
Q7499 DALI	350	50							1	1	1	1	1	1
Q7497 DALI	700	15	1	1	1	1	1	1						
Q7497 DIMM	700	15	1	1	1	1	1	1						
Q7497 CEI	700	15	1	1	1	1	1	1						

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Cassetta di alimentazione in alluminio pressofuso EN 47100.
EN 47100 die-cast aluminium control gear box.



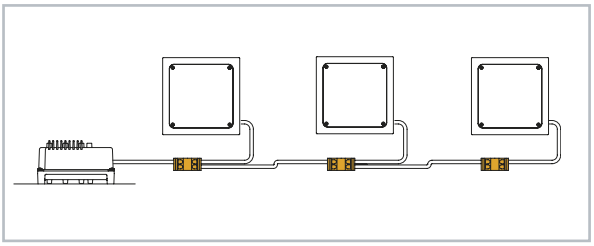
Ø 6,5 - 10 mm

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 13.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 13 "Controlling the light ".

Code		Kg
07932	●	0,05

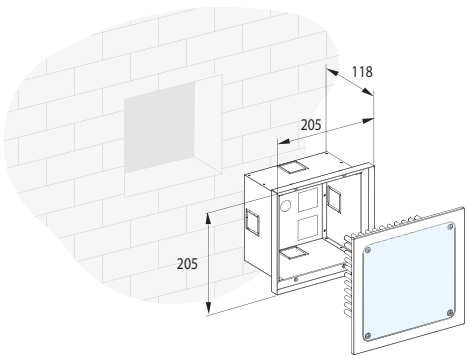
Scatola di connessione IP68.
Junction box IP68.

Code	mA	WATT	DALI	DIMM	Class	Kg
DRIVER IP67						
Q7499 DALI	350	50	●		⏚	1,50
Q7497 DALI	700	15	●		⏚	1,50
Q7497 DIMM	700	15	●		⏚	1,50
Q7497 CEI	700	15	●		⏚	1,50

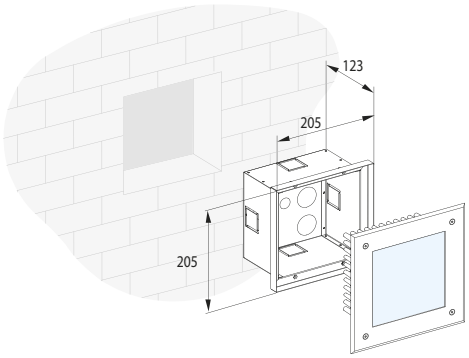


Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

CORNICE IN ALLUMINIO PRESSOFUSO
DIE-CAST ALUMINIUM FRAME



CORNICE IN ACCIAIO INOX AISI 316L
AISI 316L STAINLESS STEEL FRAME





KAMPUS

Apparecchio

Corpo in tecnopolimero rinforzato in fibra di vetro, infrangibile.

Cornice o frangiluce in alluminio pressofuso (EN 47100) o acciaio inox AISI 316L.

Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.

Guarnizioni in gomma siliconica.

Viteria esterna in acciaio inox AISI 316.

Schermo in policarbonato rigato e sabbiato internamente per ridurre l'abbagliamento, liscio esternamente per facilitare la pulizia oppure in vetro temperato di spessore 3mm resistente agli shock termici.

Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-2.

Sorgente

Lunga vita utile del LED: > 50000h con L80.

Alta consistenza dei colori: <3 SDCM.

Disponibili versioni con lampade tradizionali.

Installazione

Installazione ad incasso.

Doppio passacavo stagno per collegamento in cascata.

Controcassa in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire

Shatterproof body made of fiber glass reinforced engineering plastic.

Die-cast aluminium (EN 47100) or AISI 316L stainless steel trim or louvre.

Double layer polyester powder paint resistant to corrosion and salt spray fog.

Silicone rubber gaskets.

AISI 316 stainless steel external screws.

Ribbed and internally frosted polycarbonate diffuser to reduce glare, smooth outside surface to ease cleaning or in 3mm thick thermal-shock resistant tempered glass diffuser.

It complies with standards EN 60598-1 and EN 60598-2-2.

Source

LED life time: >50000h with L80.

High colour consistency: <3 SDCM.

Available with conventional lamps.

Installation

Recessed installation.

Double waterproof grommet for through wiring.

Recessed installation box made of engineering plastic.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 312.
Accessories, see page 312.



Cornice in acciaio inox AISI 316L.
Schermo in vetro.
AISI 316L stainless steel frame.
Glass screen.

unidirezionale > *one-way illumination* — 30

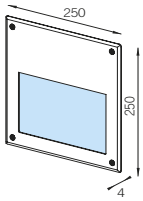
fascio asimmetrico > *asymmetrical beam*

Code	WATT	SC	CR	CEI	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
Q7860	**8W LED - 230Vac**	●					780	230	●	3000	80	3,40
Q7861	**8W LED - 230Vac**	●					800	240	●	4000	80	3,40
Q7767	1x **26W FSM** GX24 q-3			●			1800		●	4000	80	2,70

LED 230Vac

GX24 q-3 **26W FSM**

IP65 IK07





Cornice in alluminio pressofuso.
Schermo in policarbonato.
Die-cast aluminium frame.
Polycarbonate screen.

unidirezionale > *one-way illumination* — 11 12 21 23

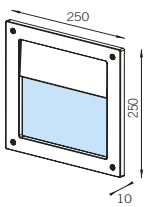
fascio asimmetrico > *asymmetrical beam*

Code	WATT	SC	CR	CEI	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
Q7862	**8W LED - 230Vac**	●					780	220	●	3000	80	2,60
Q7863	**8W LED - 230Vac**	●					800	230	●	4000	80	2,60
Q7766	1x **26W FSM** GX24 q-3			●			1800		●	4000	80	1,95

LED 230Vac

GX24 q-3 **26W FSM**

IP65 IK07





Cornice in alluminio pressofuso.
Schermo in policarbonato.
Die-cast aluminium frame.
Polycarbonate screen.

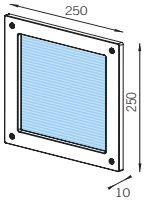
tutta luce > *full light*

11 ○ 12 ● 21 ● 23 ●

Code	WATT	SC	CR	CEI	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio diffondente > *wide beam*												
Q7759	1x **26W FSQ** GX24 q-3			●	●		1800		●	4000	80	1,55
Q7760	2x **9W FSD** G23		●				2x 600		●	4000	80	1,70
Q7761	1x **13W FSQ** G24 d-1		●				900		●	4000	80	1,65
	1x **13W FSQ** G24 q-1			●			900		●	4000	80	1,45
Q7764	2x **26W FSQ** G24 q-3			●			2x1800		●	4000	80	1,65

G23 **9W FSD** — GX24 q-3 **26W FSQ** — G24 d-1 **13W FSQ** / G24 q-1 **13W FSQ**

IP65 IK07





Cornice in acciaio inox AISI 316L.
Schermo in vetro.
AISI 316L stainless steel frame.
Glass screen.

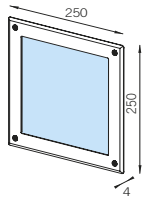
tutta luce > *full light*

30 ●

Code	WATT	SC	CR	CEI	CEI-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio diffondente > *wide beam*												
Q7765	1x **26W FSQ** GX24 q-3			●	●		1800		●	4000	80	2,15
Q7762	2x **9W FSD** G23		●				2x 600	200	●	4000	80	2,20
Q7763	1x **13W FSQ** G24 d-1		●				900	210	●	4000	80	2,20
	1x **13W FSQ** G24 q-1			●			900		●	4000	80	2,00
Q7768	2x **26W FSQ** G24 q-3			●			2x1800		●	4000	80	2,25

G23 **9W FSD** — GX24 q-3 **26W FSQ** — G24 d-1 **13W FSQ** / G24 q-1 **13W FSQ**

IP65 IK07

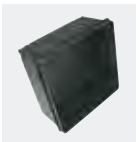


Kit emergenza *Emergency kit*	
CEI-EM	+ ●

Per versione emergenza aggiungere al codice il prezzo sopra indicato.
For emergency version add to the code the emergency kit price indicated above.

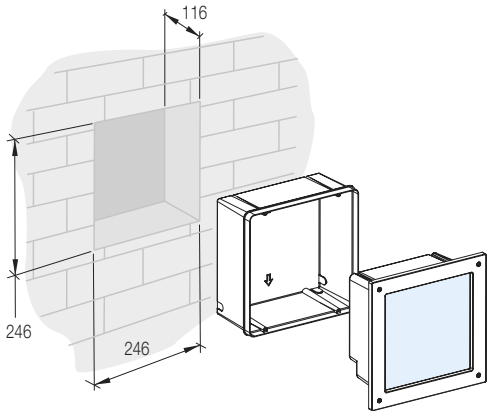
accessori > *accessories*

Per poter predisporre in anticipo l'installazione, è possibile ordinare separatamente la controcassa. L'apparecchio potrà essere ordinato successivamente, e verrà comunque fornito completo di cassetta (da eliminare se acquistato separatamente in precedenza).
It is possible to purchase the recessed box separately, whenever it is necessary to start the installation in advance. The item can be ordered later on, and it will be supplied complete with recessed box (to be removed if purchased separately in advance).



Code		Kg
Q7769	●	0,32

Controcassa in materiale termoplastico.
Thermoplastic material recessed installation box.



APPARECCHI PER FACCIATE
FACADE LUMINAIRES



313
TULA



313
TULA



316
ELLIS1



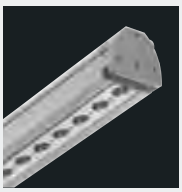
317
ELLIS2



319
EMPHASIS
EMPHASISLED



322
KRIO



324
FILA



192
DOT210



TULA

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Schermo in PMMA opale.
Schermo in vetro temperato di spessore 6mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 142lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione a parete.
Passacavo stagno per entrata singola del cavo di alimentazione.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Opal PMMA screen.
Screen made of 6mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 142lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Wall mounted.
Waterproof grommet for single cable entry.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Vetro piano a filo per evitare l'accumulo di polvere.
Flush smooth glass to avoid dust on the surface.





Vetro per versione con fascio ellittico 7°x66°.
Glass for 7°x66° elliptical narrow beam.

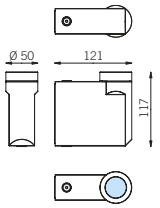
APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

unidirezionale - con vetro > *one-way illumination - with glass*

11 ○ 16 ● 21 ● 23 ●



Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*											
24° P7160	8W LED	●		⏚	1050	670	●		3000	70	0,71
P7175	8W LED	●		⏚	1150	730	●		4000	70	0,71
P7163	8W LED	●		⏚	1150	730	●		5000	70	0,71
fascio medio > *medium beam*											
47° P7161	8W LED	●		⏚	1050	610	●		3000	70	0,71
P7176	8W LED	●		⏚	1150	660	●		4000	70	0,71
P7164	8W LED	●		⏚	1150	660	●		5000	70	0,71
fascio diffondente > *wide beam*											
94° P7162	8W LED	●		⏚	1050	570	●		3000	70	0,71
P7177	8W LED	●		⏚	1150	610	●		4000	70	0,71
P7165	8W LED	●		⏚	1150	610	●		5000	70	0,71
fascio ellittico > *elliptical beam*											
26° x 44° P7220	8W LED	●		⏚	1050	640	●		3000	70	0,71
P7221	8W LED	●		⏚	1150	680	●		4000	70	0,71
P7222	8W LED	●		⏚	1150	680	●		5000	70	0,71
fascio concentrante ellittico > *elliptical narrow beam*											
15° x 68° P7230	7,5W LED	●		⏚	660	150	●		3000	80	0,71
P7231	7,5W LED	●		⏚	720	170	●		4000	80	0,71
P7173	7,5W LED	●		⏚	720	170	●		5000	80	0,71
fascio concentrante ellittico > *elliptical narrow beam*											
7° x 66° P7240	7,5W LED	●		⏚	660	160	●		3000	80	0,71
P7241	7,5W LED	●		⏚	720	180	●		4000	80	0,71
P7242	7,5W LED	●		⏚	720	180	●		5000	80	0,71



LED

Driver LED incluso.
LED driver included.

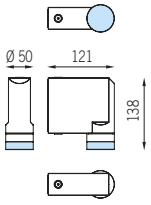
IP66 IK07 0,02 m²

unidirezionale - con schermo in policarbonato > *one-way illumination - with polycarbonate screen*

11 ○ 16 ● 21 ● 23 ●



Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente > *wide beam*											
80° P7210	4W LED	●		⏚	520	200	●		3000	70	0,70
P7211	4W LED	●		⏚	560	210	●		4000	70	0,70
P7212	4W LED	●		⏚	560	210	●		5000	70	0,70



LED

Driver LED incluso.
LED driver included.

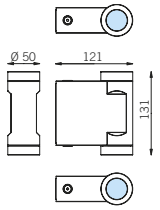
IP66 IK07 0,02 m²



bidirezionale - con vetro > *two-way illumination - with glass*

11 ○ 16 ● 21 ● 23 ●

	Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > narrow beam											
24° - 24°	P7166	4W + 4W LED	●	⏚	2x 520	2x 340	●		3000	70	0,82
	P7178	4W + 4W LED	●	⏚	2x 560	2x 370	●		4000	70	0,82
	P7169	4W + 4W LED	●	⏚	2x 560	2x 370	●		5000	70	0,82
fascio medio > medium beam											
47° - 47°	P7167	4W + 4W LED	●	⏚	2x 520	2x 320	●		3000	70	0,82
	P7179	4W + 4W LED	●	⏚	2x 560	2x 340	●		4000	70	0,82
	P7170	4W + 4W LED	●	⏚	2x 560	2x 340	●		5000	70	0,82
fascio diffondente > wide beam											
94° - 94°	P7168	4W + 4W LED	●	⏚	2x 520	2x 300	●		3000	70	0,82
	P7029	4W + 4W LED	●	⏚	2x 560	2x 320	●		4000	70	0,82
	P7171	4W + 4W LED	●	⏚	2x 560	2x 320	●		5000	70	0,82
fascio ellittico > elliptical beam											
26° x 44° - 26° x 44°	P7225	4W + 4W LED	●	⏚	2x 520	2x 330	●		3000	70	0,82
	P7226	4W + 4W LED	●	⏚	2x 560	2x 350	●		4000	70	0,82
	P7227	4W + 4W LED	●	⏚	2x 560	2x 350	●		5000	70	0,82
fascio concentrante ellittico > elliptical narrow beam											
15° x 68° - 15° x 68°	P7233	3W + 3W LED	●	⏚	2x 360	2x 80	●		3000	80	0,82
	P7234	3W + 3W LED	●	⏚	2x 390	2x 90	●		4000	80	0,82
	P7174	3W + 3W LED	●	⏚	2x 390	2x 90	●		5000	80	0,82
fascio concentrante ellittico + fascio diffondente > elliptical narrow beam + wide beam											
15° x 68° - 94°	P7235	3W + 4W LED	●	⏚	360+520	300+80	●		3000	70+80	0,82
	P7236	3W + 4W LED	●	⏚	390+560	320+90	●		4000	70+80	0,82
	P7172	3W + 4W LED	●	⏚	390+560	320+90	●		5000	70+80	0,82
fascio concentrante ellittico > elliptical narrow beam											
7° x 66° - 7° x 66°	P7243	3W + 3W LED	●	⏚	2x 360	2x 80	●		3000	80	0,82
	P7244	3W + 3W LED	●	⏚	2x 390	2x 90	●		4000	80	0,82
	P7245	3W + 3W LED	●	⏚	2x 390	2x 90	●		5000	80	0,82
fascio concentrante ellittico + fascio diffondente > elliptical narrow beam + wide beam											
7° x 66° - 94°	P7246	4W + 3W LED	●	⏚	520+360	300+80	●		3000	70+80	0,82
	P7247	4W + 3W LED	●	⏚	560+390	320+90	●		4000	70+80	0,82
	P7248	4W + 3W LED	●	⏚	560+390	320+90	●		5000	70+80	0,82



LED

Driver LED incluso.
LED driver included.

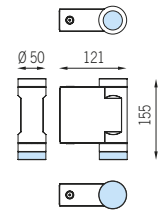
IP66 IK07 0,02 m²



bidirezionale - con schermo in policarbonato > *two-way illumination - with polycarbonate screen*

11 ○ 16 ● 21 ● 23 ●

	Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante ellittico + fascio diffondente > elliptical narrow beam + wide beam											
7° x 66° - 80°	P7250	4W + 3W LED	●	⏚	520+360	200+80	●		3000	70+80	0,81
	P7251	4W + 3W LED	●	⏚	560+390	210+90	●		4000	70+80	0,81
	P7252	4W + 3W LED	●	⏚	560+390	210+90	●		5000	70+80	0,81
fascio concentrante ellittico + fascio diffondente > elliptical narrow beam + wide beam											
15° x 68° - 80°	P7256	4W + 3W LED	●	⏚	520+360	200+80	●		3000	70+80	0,81
	P7257	4W + 3W LED	●	⏚	560+390	210+90	●		4000	70+80	0,81
	P7258	4W + 3W LED	●	⏚	560+390	210+90	●		5000	70+80	0,81



LED

Driver LED incluso.
LED driver included.

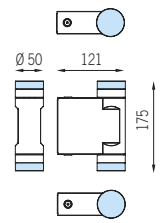
IP66 IK07 0,02 m²



bidirezionale > *two-way illumination*

11 ○ 16 ● 21 ● 23 ●

	Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio diffondente > wide beam											
80° - 80°	P7253	4W + 4W LED	●	⏚	2x 520	2x 200	●		3000	70	0,80
	P7254	4W + 4W LED	●	⏚	2x 560	2x 210	●		4000	70	0,80
	P7255	4W + 4W LED	●	⏚	2x 560	2x 210	●		5000	70	0,80



LED

Driver LED incluso.
LED driver included.

IP66 IK07 0,02 m²



ELLIS1

Apparecchio
Corpo in alluminio estruso.
Cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 10mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 131lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a parete.
Passacavo stagno per entrata singola del cavo di alimentazione.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Extruded aluminium body.
Die-cast aluminium trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Screen made of 10mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 131lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Wall mounted.
Waterproof grommet for single cable entry.

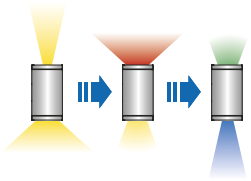
These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Vetro piano a filo per evitare l'accumulo di polvere.
Flush smooth glass to avoid dust on the surface.



APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

A richiesta apparecchi con LED a fasci e colori misti.
Fittings with different colours and beam LED on request.



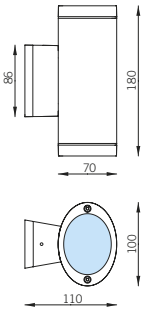
unidirezionale > *one-way illumination*

16 21



Code	WATT	SC	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*												
P7180	**4W LED**			●	⏚	480	360	●		3000	80	0,90
P7181	**4W LED**			●	⏚	520	440	●		4000	80	0,90
P7182	**4W LED**			●	⏚	520	440	●		5000	80	0,90
fascio medio > *medium beam*												
P7183	**4W LED**			●	⏚	480	340	●		3000	80	0,90
P7184	**4W LED**			●	⏚	520	370	●		4000	80	0,90
P7185	**4W LED**			●	⏚	520	370	●		5000	80	0,90
P7186	1x **7W LED** GU10	●			⏚	350		●		3000	80	0,86
P7187	1x **7W LED** GU10	●			⏚	350		●		4000	80	0,86

11° 30°



LED

GU10 **7W LED 36° 230Vac**

Driver LED incluso.
LED driver included.

IP65 850°C IK07 0,02 m²

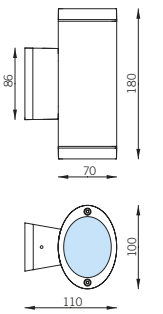
bidirezionale > *two-way illumination*

16 21



Code	WATT	SC	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*												
P7190	**4W + 4W LED**			●	⏚	2x 480	2x 360	●		3000	80	1,12
P7191	**4W + 4W LED**			●	⏚	2x 520	2x 440	●		4000	80	1,12
P7192	**4W + 4W LED**			●	⏚	2x 520	2x 440	●		5000	80	1,12
fascio medio > *medium beam*												
P7193	**4W + 4W LED**			●	⏚	2x 480	2x 340	●		3000	80	1,12
P7194	**4W + 4W LED**			●	⏚	2x 520	2x 370	●		4000	80	1,12
P7195	**4W + 4W LED**			●	⏚	2x 520	2x 370	●		5000	80	1,12
P7196	1x **7W** + 1x **7W LED** GU10	●			⏚	2x 350		●		3000	80	1,00
P7197	1x **7W** + 1x **7W LED** GU10	●			⏚	2x 350		●		4000	80	1,00

11° 11° 30° 30°



LED

GU10 **7W LED 36° 230Vac**

Driver LED incluso.
LED driver included.

IP65 850°C IK07 0,02 m²



ELLIS2

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

Apparecchio
Corpo in alluminio estruso.
Cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Sezionatore che disinserisce automaticamente la linea di alimentazione all'apertura del corpo.
Lenti LED in PMMA.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 10mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 131lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a parete.
Pressacavo M20 in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Extruded aluminium body.
Die-cast aluminium trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Knife-switch for automatic power disconnection when opened.
PMMA lenses for LEDs.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Screen made of 10mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 131lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Wall mounted.
M20 engineering plastic cable gland.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Vetro piano a filo per evitare l'accumulo di polvere.
Flush smooth glass to avoid dust on the surface.



Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



Altri colori LED disponibili su richiesta.
Different LED colours available on request.

unidirezionale > *one-way illumination*

16 21

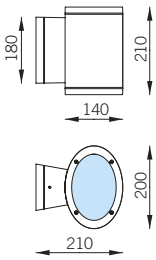
Code	WATT	SC	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	±γ	K	CRI	Kg
fascio concentrante orientabile > *adjustable narrow beam*												
P7880	**9W LED**			●	⏚	1100	750	●	20	3000	80	4,70
P7881	**9W LED**			●	⏚	1200	810	●	20	4000	80	4,70
P7882	**9W LED**			●	⏚	1200	810	●	20	5000	80	4,70
fascio medio orientabile > *adjustable medium beam*												
P7883	**9W LED**			●	⏚	1100	700	●	20	3000	80	4,70
P7884	**9W LED**			●	⏚	1200	760	●	20	4000	80	4,70
P7885	**9W LED**			●	⏚	1200	760	●	20	5000	80	4,70

10° 30°

LED

Driver LED incluso.
LED driver included.

IP65 850°C IK07 0,05 m²





unidirezionale > *one-way illumination*

16 21

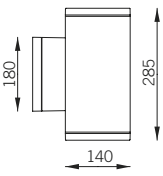
Code	WATT	SC	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Kg
fascio diffondente > *wide beam*												
P7862	1x **100W HEGT** E27	●			⏚							3,70
P7863	1x **18W FSM** GX24 d-2		●		⏚	1200		●		5000	80	3,80

54°

E27 **100W HEGT**

GX24 d-2 **18W FSM**

IP65 850°C IK07 0,06 m²





Cablaggio in doppia accensione.
A richiesta apparecchi con LED a fasci misti.
Driver LED incluso.
Double switch wiring.
Fittings with different beam LED upon request.
LED LED driver included.

bidirezionale > *two-way illumination*

16 21

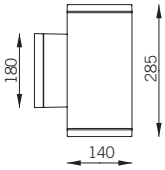
Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante + fascio concentrante orientabile > *narrow beam + adjustable narrow beam*											
P7890	**9W + 9W LED**				2x 1100	2x 750	●	20	3000	80	5,10
P7891	**9W + 9W LED**				2x 1200	2x 810	●	20	4000	80	5,10
P7892	**9W + 9W LED**				2x 1200	2x 810	●	20	5000	80	5,10
fascio medio + fascio medio orientabile > *medium beam + adjustable medium beam*											
P7893	**9W + 9W LED**				2x 1100	2x 700	●	20	3000	80	5,10
P7894	**9W + 9W LED**				2x 1200	2x 760	●	20	4000	80	5,10
P7895	**9W + 9W LED**				2x 1200	2x 760	●	20	5000	80	5,10

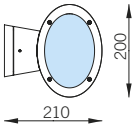
10° 10° 30° 30°

LED

Driver LED incluso.
LED driver included.

IP65 850°C IK07 0,06 m²







bidirezionale > *two-way illumination*

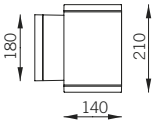
16 21

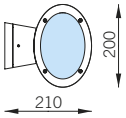
Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Kg
fascio concentrante ellittico + fascio diffondente > *elliptical narrow beam + wide beam*											
P7878	1x **35W MT** G8,5				3400		●		4200	90	3,35

2° x 40° 50°

G8,5 **35W MT**

IP65 850°C IK07 0,05 m²







Cablaggio in doppia accensione.
Double switch wiring.

bidirezionale > *two-way illumination*

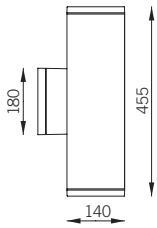
16 21

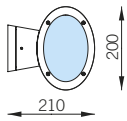
Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Kg
fascio diffondente > *wide beam*											
P7872	2x **100W HEGT** E27										5,40

54° 54°

E27 **100W HEGT**

IP65 850°C IK07 0,09 m²









EMPHASIS

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 12mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
Modulo LED protetto contro le sovratemperature.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a parete.
Doppio pressacavo M20 per collegamento in cascata.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Screen made of 12mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
LED module protected against overheating.
Available with conventional lamps.

Installation
Wall mounted.
Double M20 cable gland for through wiring.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 321.
Accessories, see page 321.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.



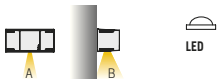
Schermo a filo dell'apparecchio per evitare depositi di polveri e facilitarne la pulizia.
Glass screen flush with the appliance body to prevent dust build-up and allow for easier cleaning.

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

unidirezionale > *one-way illumination*

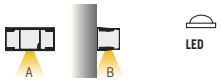


Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	A - B	C - D	K	CRI	Kg
fascio concentrante > *narrow beam*											
P7783	26W LED	●	⏚	3000	540	●	26° - 75°		3000	80	5,90
P7784	26W LED	●	⏚	3000	540	●	26° - 75°		4000	80	5,90

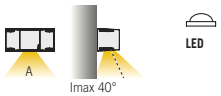




fascio diffondente > *wide beam*											
P7780	26W LED	●	⏚	3000	2300	●	102° - 89°		3000	80	5,90
P7781	26W LED	●	⏚	3000	2300	●	102° - 89°		4000	80	5,90

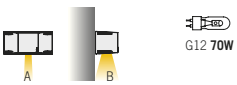


fascio asimmetrico > *asymmetrical beam*											
P7785	26W LED	●	⏚	3000	2150	●	87°		3000	80	5,90
P7786	26W LED	●	⏚	3000	2150	●	87°		4000	80	5,90
P7787	45W LED	●	⏚	5000	3550	●	87°		3000	80	5,90
P7788	45W LED	●	⏚	5000	3550	●	87°		4000	80	5,90



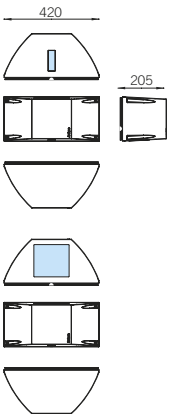


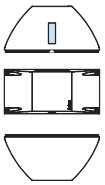
fascio concentrante > *narrow beam*											
P7853	1x 70W MT G12	●	⏚	6800		●	4° - 44°		4200	90	5,60



fascio medio > *medium beam*											
P7841	1x 70W MT G12	●	⏚	6800		●	19° - 53°		4200	90	5,60





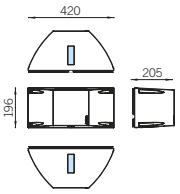


bidirezionale > *two-way illumination* 21



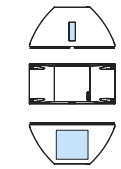
Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	A - B	C - D	K	CRI	Kg
fascio concentrante > *narrow beam*											
P7796	**26W + 26W LED**	●		2x 3000	2x 540	●	26° - 75°		3000	80	6,50
P7797	**26W + 26W LED**	●		2x 3000	2x 540	●	26° - 75°		4000	80	6,50

A A B B — LED — IP65 IK08 0,08 m²



fascio concentrante + fascio diffondente > *narrow beam + wide beam*											
P7793	**26W + 26W LED**	●		2x 3000	540+2300	●	26° - 75°	89° - 102°	3000	80	6,50
P7794	**26W + 26W LED**	●		2x 3000	540+2300	●	26° - 75°	89° - 102°	4000	80	6,50

C A D B — LED — IP65 IK08 0,08 m²

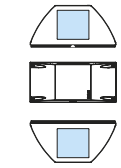




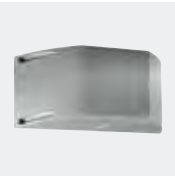
Cablaggio in doppia accensione.
Double switch wiring.

fascio diffondente > *wide beam*											
P7790	**26W + 26W LED**	●		2x 3000	2x 2300	●	89° - 102°		3000	80	6,50
P7791	**26W + 26W LED**	●		2x 3000	2x 2300	●	89° - 102°		4000	80	6,50

A A B B — LED — IP65 IK08 0,08 m²

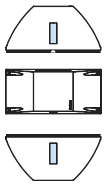


bidirezionale > *two-way illumination* 21



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	A - B	C - D	K	CRI	Kg
fascio concentrante + fascio concentrante > *narrow beam + narrow beam*											
P7857	1x **70W MT** G12	●		6800		●	4° - 44°		4200	90	6,10

A A B B — G12 **70W MT** — IP65 IK08 0,08 m²



fascio medio + fascio medio > *medium beam + medium beam*											
P7845	1x **70W MT** G12	●		6800		●	19° - 53°		4200	90	6,10

A A B B — G12 **70W MT** — IP65 IK08 0,08 m²

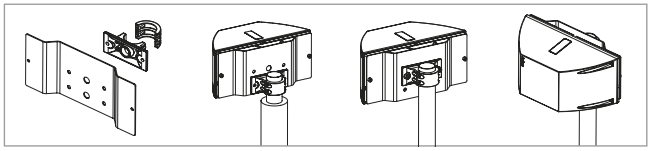
fascio medio + fascio concentrante > *medium beam + narrow beam*											
P7849	1x **70W MT** G12	●		6800		●	21° - 47°	66° - 60°	4200	90	6,10

C A D B — G12 **70W MT** — IP65 IK08 0,08 m²

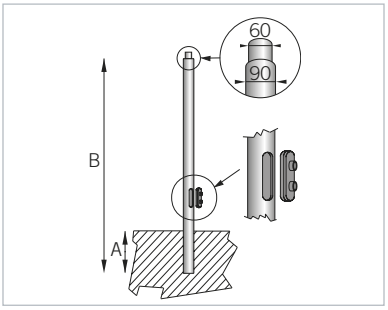


Code		Kg
W8937	●	2,50

Attacco palo monoposto.
Pole attachment for 1 light fitting.







Code		A [cm]	B [cm]	Kg
S7988	●	50	400	22,00
S7984	●	50	450	25,00
S7985	●	50	500	28,00
S7986	●	50	550	30,50
S7987	●	50	600	33,50

Palo cilindrico Ø 90 mm con riduzione Ø 60 mm in acciaio zincato completo di finestra di ispezione e morsettiera con portafusibile.
Cylindrical zinc-plated steel pole with inspection slit and terminal board with fuse carrier. Ø 90 mm with Ø 60 mm reduction.

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.







KRIO

Apparecchio
Corpo in alluminio estruso.
Testate in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 8mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 118lumen/Watt (4000K - 600mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione a parete.
Pressacavo M16 in tecnopolimero.
Staffa di sostegno in acciaio zincato e verniciato.
Fornito completo di cavo d'alimentazione (0,7m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
STAFFE DI SOSTEGNO DA ORDINARE SEPARATAMENTE.

Luminaire
Extruded aluminium body.
Die-cast aluminium caps (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Screen made of 8mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 118lumen/Watt (4000K - 600mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Wall mounted.
M16 engineering plastic cable gland.
Galvanized and painted steel support bracket.
Supplied with power cable (0,7m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
SUPPORT BRACKETS TO BE ORDERED SEPARATELY.

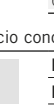
Accessori, vedi pag. 323.
Accessories, see page 323.

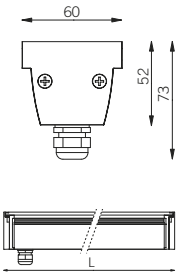
Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



tutto vetro a filo > *full edging glass* 21

Code	WATT	SC		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	L
fascio concentrante > *narrow beam*											
P8420	24W LED				2350	1850		3000	80	2,50	705
P8421	24W LED				2500	2000		4000	80	2,50	705
P8422	24W LED				2500	2000		5000	80	2,50	705
P8423	48W LED				4700	3750		3000	80	4,40	1305
P8424	48W LED				5000	4050		4000	80	4,40	1305
P8425	48W LED				5000	4050		5000	80	4,40	1305
fascio medio > *medium beam*											
P8410	24W LED				2350	1600		3000	80	2,50	705
P8411	24W LED				2500	1750		4000	80	2,50	705
P8412	24W LED				2500	1750		5000	80	2,50	705
P8413	48W LED				4700	3250		3000	80	4,40	1305
P8414	48W LED				5000	3500		4000	80	4,40	1305
P8415	48W LED				5000	3500		5000	80	4,40	1305
Z8431	20W LED RGB									2,60	705
Z8432	40W LED RGB									4,60	1305
fascio diffondente > *wide beam*											
Z8433	20W LED RGB									2,60	705
Z8434	40W LED RGB									4,60	1305
fascio ellittico > *elliptical beam*											
P8400	24W LED				2350	1450		3000	80	2,50	705
P8401	24W LED				2500	1550		4000	80	2,50	705
P8402	24W LED				2500	1550		5000	80	2,50	705
P8403	48W LED				4700	2900		3000	80	4,40	1305
P8404	48W LED				5000	3150		4000	80	4,40	1305
P8405	48W LED				5000	3150		5000	80	4,40	1305
Z8435	20W LED RGB									2,60	705
Z8436	40W LED RGB									4,60	1305

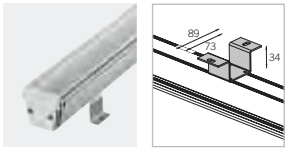




LED
24 Vdc

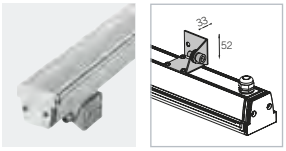
Driver LED da ordinare separatamente, vedi pag. 323.
LED driver to be ordered separately, see page 323.

IP67 IK07 m²
L= 705mm = 0,04
L=1305mm = 0,08



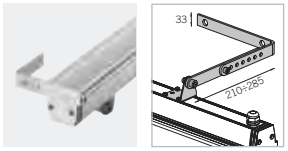
Code		Kg
P8380		0,20

Coppia di staffe di sostegno in acciaio verniciato a polvere.
Two powder painted support brackets.



Code		Kg
P8381		0,20

Coppia di staffe di sostegno orientabili in acciaio verniciato a polvere.
Two powder painted revolving steel support brackets.



Code		Kg
P8382		1,10

Coppia di staffe di sostegno orientabili ed estensibili in acciaio verniciato a polvere.
Two powder painted revolving steel and extensible support brackets.



Code		Kg
07932		0,05

Scatola di connessione IP68.
Junction box IP68.

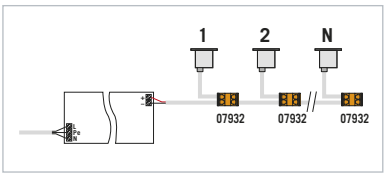
driver LED a tensione costante: 24 Volt > *constant voltage LED driver: 24 Volt*

Code		WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																	
			P8400	**P8403**	**P8410**	**P8413**	**P8420**	**P8423**	**P8401**	**P8404**	**P8411**	**P8414**	**P8421**	**P8424**	**P8402**	**P8405**	**P8412**	**P8415**	**P8422**	**P8425**
DRIVER IP20																				
07958 CEI	24 Volt	70	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
07959 CEI	24 Volt	150	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2
DRIVER IP67																				
07953 CEI	24 Volt	60	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
07954 CEI	24 Volt	96	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2
07955 CEI	24 Volt	180	7	3	7	3	7	3	7	3	7	3	7	3	7	3	7	3	7	3
07956 DALI	24 Volt	120	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2
07956 DIMM	24 Volt	120	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

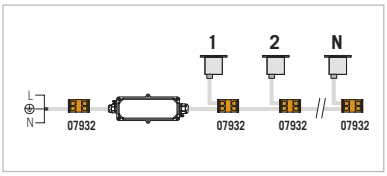


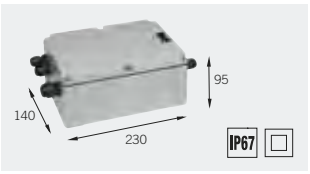
Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
07958 CEI	24	70	●			0,30
07959 CEI	24	150	●			0,32



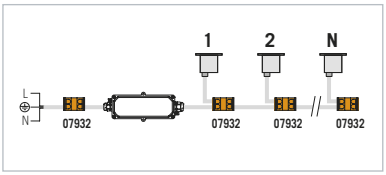


Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP67						
07953 CEI	24	60	●			0,50
07954 CEI	24	96	●			0,60
07955 CEI	24	120	●			0,60





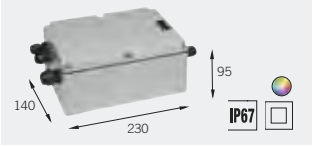
Code	Volt	WATT	CEI	DALI	DIMM	Kg
DRIVER IP67						
07956 DALI	24	120		●		1,50
07956 DIMM	24	120			●	1,50



driver LED **RGB** a tensione costante: 24 Volt > *constant voltage **RGB** LED driver: 24 Volt*

Code	Volt	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*					
			Z8431	**Z8432**	**Z8433**	**Z8434**	**Z8435**	**Z8436**
Z7792-40 DMX	24	3x46	5	2	5	2	5	2

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	Volt	WATT	DMX	Kg
Z7792-40 DMX	24	3x46	●	1,50

Driver LED **RGB**



Code		Kg
Z7790-21	●	0,75

DMX Controller

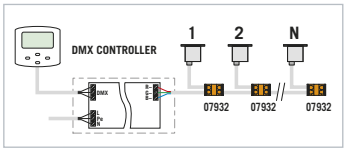
La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).



Code		Kg
Z7790-23	on request	0,50

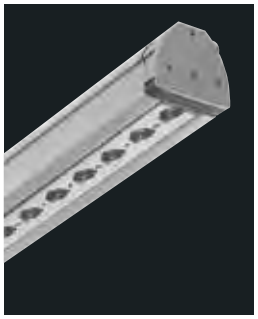
DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.



DMX

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".



FILA

Apparecchio
Corpo in alluminio estruso.
Testate in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 126lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro la rottura del singolo LED.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a parete.
Doppio pressacavo M20 per collegamento in cascata.
Staffa di sostegno in alluminio pressofuso (EN 47100) o acciaio zincato e verniciato.
Molle a scomparsa su alluminio estruso.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
STAFFE DI SOSTEGNO DA ORDINARE SEPARATAMENTE.

Luminaire
Extruded aluminium body.
Die-cast aluminium caps (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Screen made of 5mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 126lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against single LED default.
Available with conventional lamps.

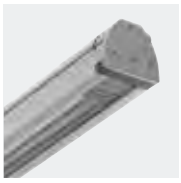
Installation
Wall mounted.
Double M20 cable gland for through wiring.
Die cast aluminium (EN 47100) or galvanized and painted steel support bracket.
Hidden springs on extruded aluminium frame.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
SUPPORT BRACKETS TO BE ORDERED SEPARATELY.

Accessori, vedi pag. 326.
Accessories, see page 326.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

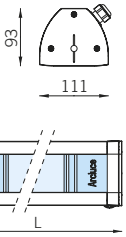
21



Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg	L
fascio diffondente > *wide beam*														
P8301	1x **24W FD** G5	●	●	●					1750	●	4000	80	4,20	724
P8305	1x **54W FD** G5	●	●	●	●	●	●		5000	●	4000	80	7,00	1324
P8307	1x **80W FD** G5	●	●	●	●	●	●		7000	●	4000	80	8,40	1624
fascio asimmetrico medio > *asymmetrical medium beam*														
P8311	1x **24W FD** G5	●	●	●					1750	●	4000	80	4,20	724
P8315	1x **54W FD** G5	●	●	●	●	●	●		5000	●	4000	80	7,00	1324
P8317	1x **80W FD** G5	●	●	●	●	●	●		7000	●	4000	80	8,40	1624
fascio concentrante ellittico > *elliptical narrow beam*														
P8341	1x **24W FD** G5	●	●	●					1750	●	4000	80	4,20	724
P8345	1x **54W FD** G5	●	●	●	●	●	●		5000	●	4000	80	7,00	1324
P8347	1x **80W FD** G5	●	●	●	●	●	●		7000	●	4000	80	8,40	1624

100°

55°x103°



G5 **24W T5**
G5 **54W T5**
G5 **80W T5**

IP66 850°C IK08

L= 724mm = 0,08
L=1324mm = 0,15
L=1624mm = 0,18

tutta luce > *full light*

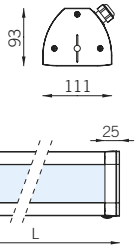
21



Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg	L
fascio diffondente > *wide beam*														
P8351	1x **24W FD** G5	●	●	●				●	1750	●	4000	80	3,90	621
P8355	1x **54W FD** G5	●	●	●	●	●	●	●	5000	●	4000	80	6,70	1221
P8357	1x **80W FD** G5	●	●	●	●	●	●	●	7000	●	4000	80	8,10	1521
fascio asimmetrico medio > *asymmetrical medium beam*														
P8361	1x **24W FD** G5	●	●	●				●	1750	●	4000	80	3,90	621
P8365	1x **54W FD** G5	●	●	●	●	●	●	●	5000	●	4000	80	6,70	1221
P8367	1x **80W FD** G5	●	●	●	●	●	●	●	7000	●	4000	80	8,10	1521
fascio concentrante ellittico > *elliptical narrow beam*														
P8371	1x **24W FD** G5	●	●	●				●	1750	●	4000	80	3,90	621
P8375	1x **54W FD** G5	●	●	●	●	●	●	●	5000	●	4000	80	6,70	1221
P8377	1x **80W FD** G5	●	●	●	●	●	●	●	7000	●	4000	80	8,10	1521

100°

55°x103°



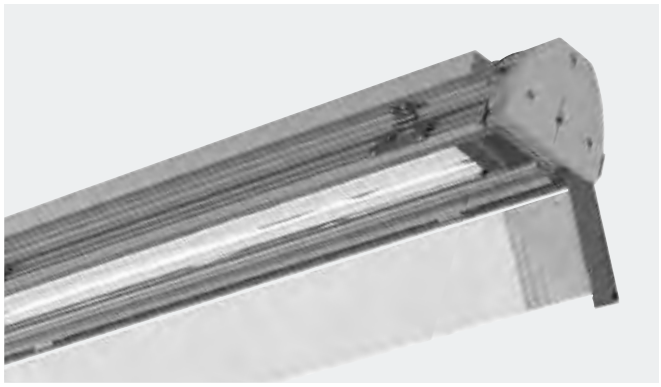
G5 **24W T5**
G5 **54W T5**
G5 **80W T5**

IP66 850°C IK08

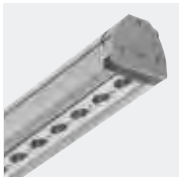
L= 621mm = 0,07
L=1221mm = 0,14
L=1521mm = 0,17

Particolari molle di chiusura a scomparsa su alluminio estruso, con apertura senza utensili per un collegamento elettrico e una manutenzione rapida e veloce.

Special hidden closing springs on extruded aluminium, opening without the need for any specific tools, allowing for easy electrical connection and fast and easy maintenance.

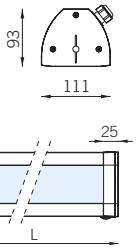






Altri colori LED disponibili su richiesta.
Different LED colours available on request.

tutta luce > *full light*



Code	WATT	CEI	DALI	DIMM	CEI-EM	DALI-EM	DIMM-EM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	L
fascio concentrante > *narrow beam*															
12°															
P8280	**18W LED**	●	●	●	●			⏚	2000	1450	●	3000	80	4,20	621
P8282	**18W LED**	●	●	●	●			⏚	2150	1550	●	4000	80	4,20	621
P8284	**18W LED**	●	●	●	●			⏚	2150	1550	●	5000	80	4,20	621
P8281	**36W LED**	●	●	●	●	●	● ⏚		4000	2900	●	3000	80	7,00	1221
P8283	**36W LED**	●	●	●	●	●	● ⏚		4300	3100	●	4000	80	7,00	1221
P8285	**36W LED**	●	●	●	●	●	● ⏚		4300	3100	●	5000	80	7,00	1221
fascio medio > *medium beam*															
27°															
P8270	**18W LED**	●	●	●	●			⏚	2000	1400	●	3000	80	4,20	621
P8272	**18W LED**	●	●	●	●			⏚	2150	1500	●	4000	80	4,20	621
P8274	**18W LED**	●	●	●	●			⏚	2150	1500	●	5000	80	4,20	621
P8271	**36W LED**	●	●	●	●	●	● ⏚		4000	2750	●	3000	80	7,00	1221
P8273	**36W LED**	●	●	●	●	●	● ⏚		4300	2950	●	4000	80	7,00	1221
P8275	**36W LED**	●	●	●	●	●	● ⏚		4300	2950	●	5000	80	7,00	1221
fascio diffondente > *wide beam*															
46°															
P8260	**18W LED**	●	●	●	●			⏚	2000	1400	●	3000	80	4,20	621
P8262	**18W LED**	●	●	●	●			⏚	2150	1500	●	4000	80	4,20	621
P8264	**18W LED**	●	●	●	●			⏚	2150	1500	●	5000	80	4,20	621
P8261	**36W LED**	●	●	●	●	●	● ⏚		4000	2750	●	3000	80	7,00	1221
P8263	**36W LED**	●	●	●	●	●	● ⏚		4300	2950	●	4000	80	7,00	1221
P8265	**36W LED**	●	●	●	●	●	● ⏚		4300	2950	●	5000	80	7,00	1221
fascio molto diffondente > *ultra wide beam*															
135°x140°															
P8240	**18W LED**	●	●	●	●			⏚	2000	1150	●	3000	80	4,20	621
P8242	**18W LED**	●	●	●	●			⏚	2150	1250	●	4000	80	4,20	621
P8244	**18W LED**	●	●	●	●			⏚	2150	1250	●	5000	80	4,20	621
P8241	**36W LED**	●	●	●	●	●	● ⏚		4000	2350	●	3000	80	7,00	1221
P8243	**36W LED**	●	●	●	●	●	● ⏚		4300	2500	●	4000	80	7,00	1221
P8245	**36W LED**	●	●	●	●	●	● ⏚		4300	2500	●	5000	80	7,00	1221
fascio ellittico > *elliptical beam*															
9° x 47°															
P8290	**18W LED**	●	●	●	●			⏚	2000	1450	●	3000	80	4,20	621
P8292	**18W LED**	●	●	●	●			⏚	2150	1600	●	4000	80	4,20	621
P8294	**18W LED**	●	●	●	●			⏚	2150	1600	●	5000	80	4,20	621
P8291	**36W LED**	●	●	●	●	●	● ⏚		4000	2950	●	3000	80	7,00	1221
P8293	**36W LED**	●	●	●	●	●	● ⏚		4300	3150	●	4000	80	7,00	1221
P8295	**36W LED**	●	●	●	●	●	● ⏚		4300	3150	●	5000	80	7,00	1221
wallwasher															
Imax 20°															
P8250	**18W LED**	●	●	●	●			⏚	2000	1400	●	3000	80	4,20	621
P8252	**18W LED**	●	●	●	●			⏚	2150	1500	●	4000	80	4,20	621
P8254	**18W LED**	●	●	●	●			⏚	2150	1500	●	5000	80	4,20	621
P8251	**36W LED**	●	●	●	●	●	● ⏚		4000	2750	●	3000	80	7,00	1221
P8253	**36W LED**	●	●	●	●	●	● ⏚		4300	2950	●	4000	80	7,00	1221
P8255	**36W LED**	●	●	●	●	●	● ⏚		4300	2950	●	5000	80	7,00	1221

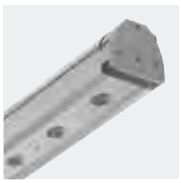
LED

Driver LED incluso.
LED LED driver included.

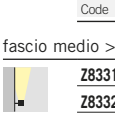
IP66 850°C IK08 m²

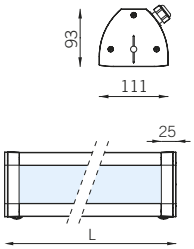
L= 621mm = 0,07
L=1221mm = 0,14

tutta luce > *full light*



Code	WATT	DMX	Class	Lumen sorgente Source lumen	LED	K	CRI	Kg	L
fascio medio > *medium beam*									
Z8331	**20W LED RGB**	●	⏚		●			4,20	621
Z8332	**40W LED RGB**	●	⏚		●			7,00	1221
fascio diffondente > *wide beam*									
Z8333	**20W LED RGB**	●	⏚		●			4,20	621
Z8334	**40W LED RGB**	●	⏚		●			7,00	1221
fascio ellittico > *elliptical beam*									
Z8335	**20W LED RGB**	●	⏚		●			4,20	621
Z8336	**40W LED RGB**	●	⏚		●			7,00	1221





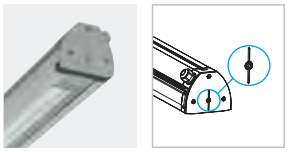
LED

DMX controller da ordinare separatamente, vedi pag. 326.
DMX controller to be ordered separately, see page 326.

IP66 850°C IK08

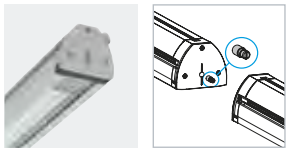
L= 621mm = 0,07
L=1221mm = 0,14

accessori > *accessories*



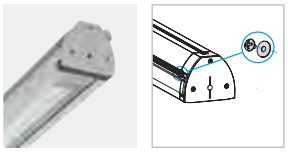
Code		Kg
P8385		0,10

Inserto per copertura foro della testata.
Metal covering for the cap's hole.



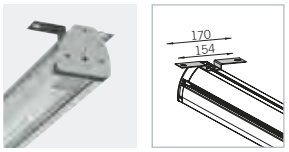
Code		Kg
P8388		-

Giunto lineare
Straight joint



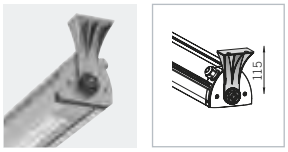
Code		Kg
P8389		-

6 viti antivandalo.
6 screws anti-vandale.



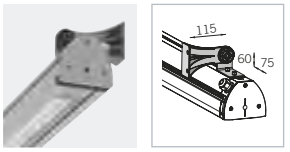
Code		Kg
P8390		0,20

Coppia di staffe di sostegno in acciaio inox.
Two stainless steel support brackets.



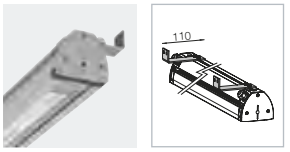
Code		Kg
P8391-21		0,34

Coppia di staffe di sostegno orientabili con gonio graduato per puntamento in alluminio pressofuso.
Two die cast aluminium revolving support brackets with protractor scale to aim light.



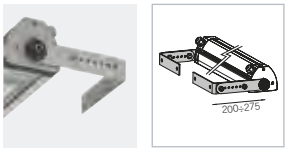
Code		Kg
P8392-21		0,54

Coppia di staffe di sostegno orientabili con gonio graduato per puntamento in alluminio pressofuso e acciaio.
Two die cast aluminium or steel revolving support brackets with protractor scale to aim light.



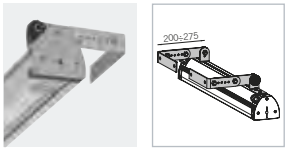
Code		Kg
P8393-21		0,42

Coppia di staffe di sostegno per applicazione a parete in acciaio.
Two steel support brackets for wall installation.



Code		Kg
P8398-21		1,50

Coppia di staffe di sostegno estensibili con gonio graduato per puntamento in acciaio.
Two steel extensible support brackets with protractor scale to aim light.



Code		Kg
P8399-21		1,70

Coppia di staffe di sostegno estensibili con gonio graduato per puntamento in acciaio.
Two steel extensible support brackets with protractor scale to aim light.



Code		Kg		
P8386		0,03	L=724	2pz
			L=1324	4pz
			L=1624	5pz

Frangiluce antiabbagliamento in tecnopolimero.
Technopolymer glare-control louvre.

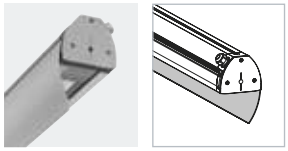
Adatto per i codici:
Suitable for codes:
P8301÷P8307
P8311÷P8317
P8341÷P8347



Code		Kg		
P8387		0,03	L=724	2pz
			L=1324	4pz
			L=1624	5pz

Frangiluce antiabbagliamento in tecnopolimero.
Technopolymer glare-control louvre.

Adatto per i codici:
Suitable for codes:
P8301÷P8307
P8311÷P8317
P8341÷P8347



Code		Kg	Code		Kg
P8394-21	(L=724)	0,80	**P8324-21**	(L=621)	0,70
P8396-21	(L=1324)	1,33	**P8326-21**	(L=1221)	1,23
P8397-21	(L=1624)	1,63	**P8327-21**	(L=1521)	1,53

Visiera in acciaio verniciato a polvere.
Powder-painted steel visor.

DMX controller



Code		Kg
Z7790-21		0,75

DMX Controller

La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).



Code		Kg
Z7790-23	on request	0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.

DMX

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".

PALETTI
BOLLARDS



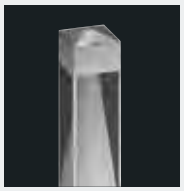
328
TULA



330
KLOU-IK180



333
KLOU180



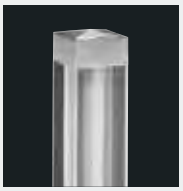
335
GOTHIC110



336
GOTHIC180



338
KUBIX180



342
QUADRIO180



TULA

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Supporto realizzato in alluminio estruso.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver protetto alle sovra-tensioni di rete.
Schermo in PMMA opale.
Schermo in vetro temperato di spessore 6mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 142lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Passacavo stagno per entrata singola del cavo di alimentazione.
Basamento in alluminio pressofuso (EN 47100).
Contropiastra in acciaio zincato e verniciato con tirafondi in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body (EN 47100).
Extruded aluminium pole.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges.
Opal PMMA screen.
Screen made of 6mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 142lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Waterproof grommet for single cable entry.
Die-cast aluminium base (EN 47100).
Galvanized and painted steel base plate with galvanized steel stud bolts.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.



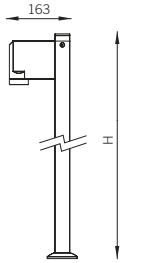
applicazione singola - con schermo in vetro > *single light fitting - with glass screen* 16 21 23

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S6712	8W LED			1050	570		3000	70	2,21	600
S6702	8W LED			1150	620		4000	70	2,21	600
S6700	8W LED			1150	620		5000	70	2,21	600
S6713	8W LED			1050	570		3000	70	2,71	900
S6703	8W LED			1150	620		4000	70	2,71	900
S6701	8W LED			1150	620		5000	70	2,71	900

LED

Driver LED incluso.
LED driver included.

IP66 IK07 0,05 m² H=600 mm 0,07 m² H=900 mm





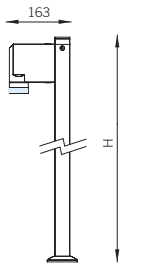
applicazione singola - con schermo in policarbonato > *single light fitting - with polycarbonate screen* 16 21 23

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S6720	4W LED			520	200		3000	70	2,20	600
S6721	4W LED			560	210		4000	70	2,20	600
S6722	4W LED			560	210		5000	70	2,20	600
S6725	4W LED			520	200		3000	70	2,70	900
S6726	4W LED			560	210		4000	70	2,70	900
S6727	4W LED			560	210		5000	70	2,70	900

LED

Driver LED incluso.
LED driver included.

IP66 IK07 0,05 m² H=600 mm 0,07 m² H=900 mm







applicazione doppia - con schermo in vetro > *double light fitting - with glass screen*

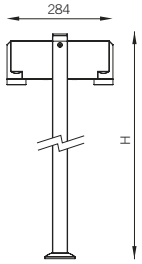
16 21 23

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S6717	**8W + 8W LED**			2x 1050	2x 570		3000	70	2,92	600
S6707	**8W + 8W LED**			2x 1150	2x 620		4000	70	2,92	600
S6705	**8W + 8W LED**			2x 1150	2x 620		5000	70	2,92	600
S6718	**8W + 8W LED**			2x 1050	2x 570		3000	70	3,42	900
S6708	**8W + 8W LED**			2x 1150	2x 620		4000	70	3,42	900
S6706	**8W + 8W LED**			2x 1150	2x 620		5000	70	3,42	900

LED

Driver LED incluso.
LED driver included.

IP66 IK07 0,06 m² H=600 mm 0,08 m² H=900 mm





applicazione doppia > *double light fitting*

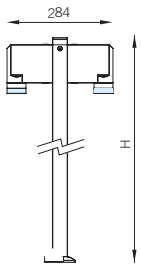
16 21 23

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S6730	**4W + 4W LED**			2x 520	2x 200		3000	70	2,90	600
S6731	**4W + 4W LED**			2x 560	2x 210		4000	70	2,90	600
S6732	**4W + 4W LED**			2x 560	2x 210		5000	70	2,90	600
S6735	**4W + 4W LED**			2x 520	2x 200		3000	70	3,40	900
S6736	**4W + 4W LED**			2x 560	2x 210		4000	70	3,40	900
S6737	**4W + 4W LED**			2x 560	2x 210		5000	70	3,40	900

LED

Driver LED incluso.
LED driver included.

IP66 IK07 0,06 m² H=600 mm 0,08 m² H=900 mm





APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

KLOU-IK180

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Supporto realizzato in alluminio estruso.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Schermo in vetro temperato di spessore 4mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 127lumen/Watt (4000K - 500mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Doppio pressacavo M20 per collegamento in cascata.
Basamento in alluminio pressofuso (EN 47100).
Contropiastra in acciaio zincato e verniciato con tirafondi in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body (EN 47100).
Extruded aluminium pole.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges up to 4kV.
Screen made of 4mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 127lumen/Watt (4000K - 500mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Double M20 cable gland for through wiring.
Die-cast aluminium base (EN 47100).
Galvanized and painted steel base plate with galvanized steel stud bolts.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

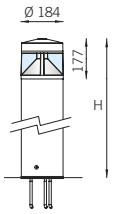
Accessori, vedi pag. 334.
Accessories, see page 334.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



radiale > *radial illumination* — 16 ● 21 ●

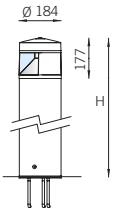
Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7000	**24W LED**	●	⧈	2600	1240	●	3000	70	8,20	500
S7001	**24W LED**	●	⧈	2800	1340	●	4000	70	8,20	500
S7102	**24W LED**	●	⧈	2800	1340	●	5000	70	8,20	500
S7040	**24W LED**	●	⧈	2600	1240	●	3000	70	11,30	1000
S7041	**24W LED**	●	⧈	2800	1340	●	4000	70	11,30	1000
S7109	**24W LED**	●	⧈	2800	1340	●	5000	70	11,30	1000
S7107*	1x **35W MT** G12	●	⏚	3400		●	4200	90	7,10	500
S7103*	1x **70W MT** G12	●	⏚	6800		●	4200	90	8,00	500
S7106*	1x **35W MT** G12	●	⏚	3400		●	4200	90	11,10	1000
S7108*	1x **70W MT** G12	●	⏚	6800		●	4200	90	12,00	1000





unidirezionale > *one-way illumination* — 16 ● 21 ●

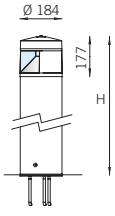
Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7002	**12W LED**	●	⧈	1300	620	●	3000	70	8,20	500
S7003	**12W LED**	●	⧈	1400	670	●	4000	70	8,20	500
S7112	**12W LED**	●	⧈	1400	670	●	5000	70	8,20	500
S7042	**12W LED**	●	⧈	1300	620	●	3000	70	11,30	1000
S7043	**12W LED**	●	⧈	1400	670	●	4000	70	11,30	1000
S7119	**12W LED**	●	⧈	1400	670	●	5000	70	11,30	1000
S7117*	1x **35W MT** G12	●	⏚	3400		●	4200	90	7,40	500
S7113*	1x **70W MT** G12	●	⏚	6800		●	4200	90	8,30	500
S7116*	1x **35W MT** G12	●	⏚	3400		●	4200	90	11,40	1000
S7118*	1x **70W MT** G12	●	⏚	6800		●	4200	90	12,30	1000





bidirezionale > *two-way illumination* — 16 ● 21 ●

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7004	**12W LED**	●	⧈	1300	620	●	3000	70	8,20	500
S7005	**12W LED**	●	⧈	1400	670	●	4000	70	8,20	500
S7122	**12W LED**	●	⧈	1400	670	●	5000	70	8,20	500
S7044	**12W LED**	●	⧈	1300	620	●	3000	70	11,30	1000
S7045	**12W LED**	●	⧈	1400	670	●	4000	70	11,30	1000
S7129	**12W LED**	●	⧈	1400	670	●	5000	70	11,30	1000
S7127*	1x **35W MT** G12	●	⏚	3400		●	4200	90	7,40	500
S7123*	1x **70W MT** G12	●	⏚	6800		●	4200	90	8,30	500
S7126*	1x **35W MT** G12	●	⏚	3400		●	4200	90	11,40	1000
S7128*	1x **70W MT** G12	●	⏚	6800		●	4200	90	12,30	1000

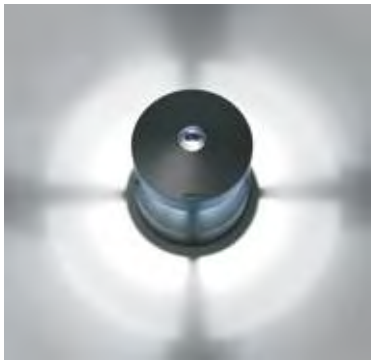


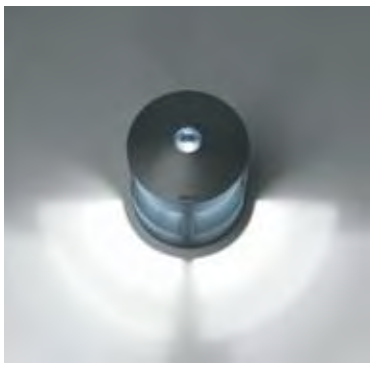
LED — G12 **35W MT** G12 **70W MT**

Driver LED incluso.
LED driver included.

IP66 IK10 850°C 0,09 m² H=500 mm 0,20 m² H=1000 mm *

CABLAGGIO IN DOPPIA ACCENSIONE PER LUCE DECORATIVA CON LED.
DOUBLE SWITCH WIRING FOR FIXTURE WITH LED DECORATIVE LIGHT.



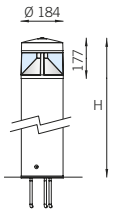






radiale - con vetro decorativo > *radial illumination - with decorative glass* 16 21

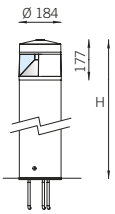
Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7006	**24W LED + 1W LED**			2700	1340		3000	70	8,20	500
S7007	**24W LED + 1W LED**			2900	1440		4000	70	8,20	500
S7132	**24W LED + 1W LED**			2900	1440		5000	70	8,20	500
S7046	**24W LED + 1W LED**			2700	1340		3000	70	11,30	1000
S7047	**24W LED + 1W LED**			2900	1440		4000	70	11,30	1000
S7139	**24W LED + 1W LED**			2900	1440		5000	70	11,30	1000
S7137	1x **35W MT** G12			3400			4200	90	7,10	500
S7133	1x **70W MT** G12			6800			4200	90	8,00	500
S7136	1x **35W MT** G12			3400			4200	90	11,10	1000
S7138	1x **70W MT** G12			6800			4200	90	12,00	1000





unidirezionale - con vetro decorativo > *one-way illumination - with decorative glass* 16 21

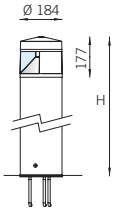
Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7008	**12W LED + 1W LED**			1400	720		3000	70	8,20	500
S7009	**12W LED + 1W LED**			1500	760		4000	70	8,20	500
S7142	**12W LED + 1W LED**			1500	760		5000	70	8,20	500
S7048	**12W LED + 1W LED**			1400	720		3000	70	11,30	1000
S7049	**12W LED + 1W LED**			1500	760		4000	70	11,30	1000
S7149	**12W LED + 1W LED**			1500	760		5000	70	11,30	1000
S7147	1x **35W MT** G12			3400			4200	90	7,40	500
S7143	1x **70W MT** G12			6800			4200	90	8,30	500
S7146	1x **35W MT** G12			3400			4200	90	11,40	1000
S7148	1x **70W MT** G12			6800			4200	90	12,30	1000





bidirezionale - con vetro decorativo > *two-way illumination - with decorative glass* 16 21

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7010	**12W LED + 1W LED**			1400	720		3000	70	8,20	500
S7011	**12W LED + 1W LED**			1500	760		4000	70	8,20	500
S7152	**12W LED + 1W LED**			1500	760		5000	70	8,20	500
S7050	**12W LED + 1W LED**			1400	720		3000	70	11,30	1000
S7051	**12W LED + 1W LED**			1500	760		4000	70	11,30	1000
S7159	**12W LED + 1W LED**			1500	760		5000	70	11,30	1000
S7157	1x **35W MT** G12			3400			4200	90	7,40	500
S7153	1x **70W MT** G12			6800			4200	90	8,80	500
S7156	1x **35W MT** G12			3400			4200	90	11,40	1000
S7158	1x **70W MT** G12			6800			4200	90	12,30	1000



LED

G12 **35W MT**
G12 **70W MT**

Driver LED incluso.
LED driver included.

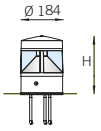
IP66 IK09 850°C 0,09 m² H=500 mm 0,20 m² H=1000 mm

radiale > *radial illumination*

16 21



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S7012	**10W LED**			880	480		3000	80	6,60	250
S7013	**10W LED**			960	520		4000	80	6,60	250
S7104	**10W LED**			960	520		5000	80	6,60	250

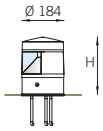


unidirezionale > *one-way illumination*

16 21



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S7014	**5W LED**			440	240		3000	80	6,90	250
S7015	**5W LED**			480	260		4000	80	6,90	250
S7114	**5W LED**			480	260		5000	80	6,90	250



bidirezionale > *two-way illumination*

16 21

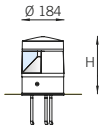


Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S7016	**5W LED**			440	240		3000	80	6,90	250
S7017	**5W LED**			480	260		4000	80	6,90	250
S7124	**5W LED**			480	260		5000	80	6,90	250

LED

Driver LED incluso.
LED driver included.

IP66 IK10 850°C 0,05 m²

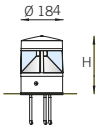


radiale - con vetro decorativo > *radial illumination - with decorative glass*

16 21



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S7018	**10W LED + 1W LED**			980	390		3000	80	6,60	250
S7019	**10W LED + 1W LED**			1050	420		4000	80	6,60	250
S7134	**10W LED + 1W LED**			1050	420		5000	80	6,60	250

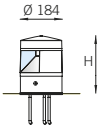


unidirezionale - con vetro decorativo > *one-way illumination - with decorative glass*

16 21



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S7020	**5W LED + 1W LED**			540	340		3000	80	6,90	250
S7021	**5W LED + 1W LED**			580	360		4000	80	6,90	250
S7144	**5W LED + 1W LED**			580	360		5000	80	6,90	250



bidirezionale - con vetro decorativo > *two-way illumination - with decorative glass*

16 21

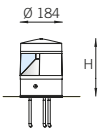


Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S7022	**5W LED + 1W LED**			540	340		3000	80	6,90	250
S7023	**5W LED + 1W LED**			580	360		4000	80	6,90	250
S7154	**5W LED + 1W LED**			580	360		5000	80	6,90	250

LED

Driver LED incluso.
LED driver included.

IP66 IK10 850°C 0,05 m²





KLOU180

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Supporto realizzato in alluminio estruso.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Diffusore in policarbonato trasparente infrangibile, stabilizzato ai raggi UV, autoestinguente V2.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 127lumen/Watt (4000K - 500mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Doppio pressacavo M20 per collegamento in cascata.
Basamento in alluminio pressofuso (EN 47100).
Contropiastra in acciaio zincato e verniciato con tirafondi in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body (EN 47100).
Extruded aluminium pole.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges up to 4kV.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
UV rays stabilized, V2 self-extinguishing transparent polycarbonate diffuser.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 127lumen/Watt (4000K - 500mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Double M20 cable gland for through wiring.
Die-cast aluminium base (EN 47100).
Galvanized and painted steel base plate with galvanized steel stud bolts.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 334.
Accessories, see page 334

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

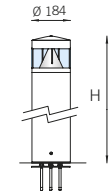
APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.



luce schermata > *screened light*

16 21

Code	WATT	SC	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7024	**24W LED**			●	⧈	2600	1750	●	3000	70	8,30	500
S7025	**24W LED**			●	⧈	2800	1850	●	4000	70	8,30	500
S7174	**24W LED**			●	⧈	2800	1850	●	5000	70	8,30	500
S7026	**24W LED**			●	⧈	2600	1750	●	3000	70	11,90	1000
S7027	**24W LED**			●	⧈	2800	1850	●	4000	70	11,90	1000
S7179	**24W LED**			●	⧈	2800	1850	●	5000	70	11,90	1000
S7171*	1x **35W MT** G12			●	⏚	3400		●	4200	90	7,20	500
S7172*	1x **70W MT** G12			●	⏚	6800		●	4200	90	7,20	500
S7175*	1x **35W MT** G12			●	⏚	3400		●	4200	90	10,80	1000
S7176*	1x **70W MT** G12			●	⏚	6800		●	4200	90	10,80	1000



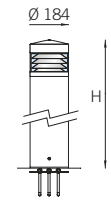
LED
G12 **35W MT**
G12 **70W MT**
Driver LED incluso.
LED driver included.
IP66 IK09 850°C 0,09 m² H=500 mm 0,20 m² H=1000 mm *



con frangiluce > *with louvre*

16 21

Code	WATT	SC	C	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg	H
S7160	1x **70W ME** E27			●	●	⏚	5300		●	4000	80	6,90	500
S7161	1 x **70W SE** E27			●	●	⏚	6300		●	2050	80	6,90	500
S7165	1x **70W ME** E27			●	●	⏚	5300		●	4000	80	10,50	1000
S7166	1x **70W SE** E27			●	●	⏚	6300		●	2050		10,50	1000
S7163	1x **26W FSM** GX24 d-3		●			⧈	1800		●	4000	80	5,80	500
	1x **26W FSM** GX24 q-3				●	⧈	1800		●	4000	80	5,80	500
S7164	1x **60W HEGT** E27	●				⧈						5,70	500
	1x **23W FSM-E** E27	●				⧈						5,70	500
S7173	1x **42W FSM** GX24 q-4				●	⧈	3200		●		80	5,80	500
S7168	1x **26W FSM** GX24 d-3		●			⧈	1800		●	4000	80	9,40	1000
	1x **26W FSM** GX24 q-3				●	⧈	1800		●	4000	80	9,40	1000
S7169	1x **60W HEGT** E27	●				⧈						9,30	1000
	1x **23W FSM-E** E27	●				⧈						9,30	1000
S7177	1x **42W FSM** GX24 q-4				●	⧈	3200		●		80	9,40	1000

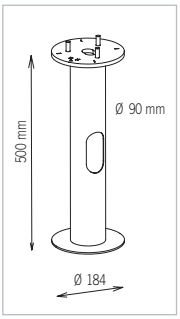


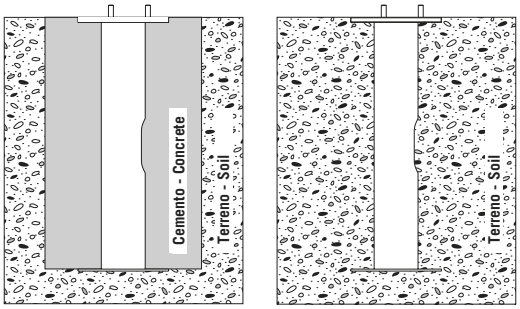
E27 **70W ME**
E27 **70W SE**
GX24 q-3 **26W FSM**
GX24 q-4 **42W FSM**
E27 **60W HEGT**
E27 **23W FSM-E**
230 Volt
IP66 IK09 850°C 0,09 m² H=500 mm 0,20 m² H=1000 mm

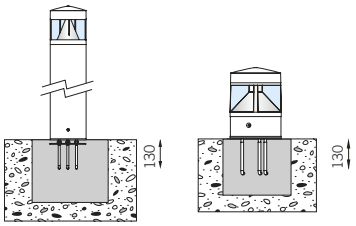
accessori KLOU180 • KLOU-IK180 > *KLOU180 • KLOU-IK180 accessories*

Code		Kg
S6979		5,00

Basamento per ancoraggio in acciaio zincato.
Zinc-plated anchorage.







Sistema di fissaggio standard fornito unitamente all'apparecchio.
Standard installation equipment supplied together with the lighting fitting.

filtri colorati KLOU-IK180 > *KLOU-IK180 coloured filters*



Code	
S7990-13	
S7990-14	
S7990-15	
S7990-17	

13 Rosso/*Red*
14 Giallo/*Yellow*
15 Verde/*Green*
17 Blu/*Blue*



Vetri colorati da ordinare unitamente all'apparecchio.
Coloured glass to be ordered together with the light fitting.





GOTHIC110

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Supporto realizzato in alluminio estruso.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver protetto alle sovra-tensioni di rete.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 95lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.

Installazione
Pressacavo PG13,5 in tecnopolimero.
Basamento in alluminio pressofuso (EN 47100).
Contropiastra in acciaio zincato e verniciato con tirafondi in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body (EN 47100).
Extruded aluminium pole.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges.
Screen made of 5mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 95lumen/Watt (4000K - 500mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.

Installation
PG13,5 engineering plastic cable gland.
Die-cast aluminium base (EN 47100).
Galvanized and painted steel base plate with galvanized steel stud bolts.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

radiale > *radial illumination*

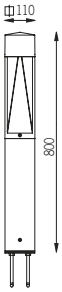
16 21



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S6790	15W LED			1100	290		3000	80	9,50	
S6791	15W LED			1400	360		4000	80	9,50	
S6802	15W LED			1600	420		5000	70	9,50	

LED — **Driver LED incluso.** ***LED driver included.***

IP66 IK10 850°C 0,09 m²



bidirezionale > *two-way illumination*



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S6792	15W LED			1100	140		3000	80	10,50	
S6793	15W LED			1400	180		4000	80	10,50	
S6808	15W LED			1600	210		5000	70	10,50	

LED — **Driver LED incluso.** ***LED driver included.***

IP66 IK10 850°C 0,09 m²

triemissione > *three-way illumination*



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S6794	15W LED			1100	210		3000	80	10,00	
S6795	15W LED			1400	270		4000	80	10,00	
S6814	15W LED			1600	300		5000	70	10,00	

LED — **Driver LED incluso.** ***LED driver included.***

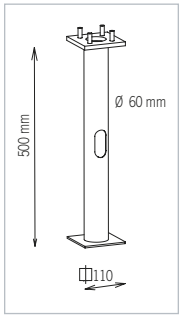
IP66 IK10 850°C 0,09 m²

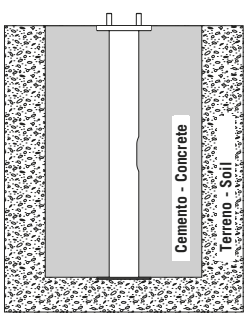
accessori GOTHIC110 > *GOTHIC110 accessories*

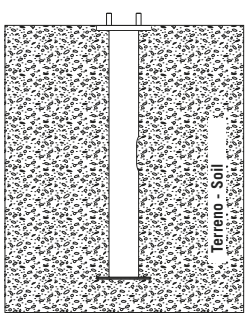
31

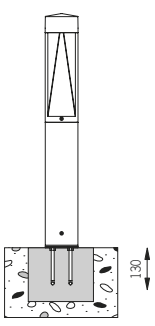
Code		Kg
S6969		2,10

Basamento per ancoraggio in acciaio zincato.
Zinc-plated anchorage.









Sistema di fissaggio standard fornito unitamente all'apparecchio.
Standard installation equipment supplied together with the lighting fitting.



GOTHIC180

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Supporto realizzato in alluminio estruso.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 109lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Doppio pressacavo M20 per collegamento in cascata.
Basamento in alluminio pressofuso (EN 47100).
Contropiastra in acciaio zincato e verniciato con tirafondi in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body (EN 47100).
Extruded aluminium pole.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges up to 4kV.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Screen made of 5mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 109lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

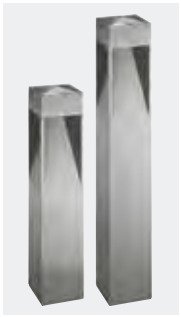
Installation
Double M20 cable gland for through wiring.
Die-cast aluminium base (EN 47100).
Galvanized and painted steel base plate with galvanized steel stud bolts.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 341.
Accessories, see page 341.

CABLAGGIO IN DOPPIA ACCENSIONE PER LUCE DECORATIVA CON LED.
DOUBLE SWITCH WIRING FOR FIXTURE WITH LED DECORATIVE LIGHT.

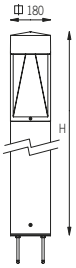
Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



radiale > *radial illumination*

16 ● 21 ●

Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7028	**32W LED**	●		▣	3400	1200	●	3000	70	15,80	710
S7029	**32W LED**	●		▣	3600	1250	●	4000	70	15,80	710
S6854	**32W LED**	●		▣	3600	1250	●	5000	70	15,80	710
S7058	**32W LED**	●		▣	3400	1200	●	3000	70	16,30	1000
S7059	**32W LED**	●		▣	3600	1250	●	4000	70	16,30	1000
S6859	**32W LED**	●		▣	3600	1250	●	5000	70	16,30	1000
S6851	1x **35W MT** G12	●		▣	3400		●	4200	90	14,80	710
S6852	1x **70W MT** G12	●		▣	6800		●	4200	90	15,70	710
S6856	1x **35W MT** G12	●		▣	3400		●	4200	90	15,30	1000
S6857	1x **70W MT** G12	●		▣	6800		●	4200	90	16,20	1000

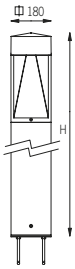




bidirezionale > *two-way illumination*

16 ● 21 ●

Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7030	**16W LED**	●		▣	1700	590	●	3000	70	16,80	710
S7031	**16W LED**	●		▣	1800	650	●	4000	70	16,80	710
S6864	**16W LED**	●		▣	1800	650	●	5000	70	16,80	710
S7060	**16W LED**	●		▣	1700	590	●	3000	70	17,30	1000
S7061	**16W LED**	●		▣	1800	650	●	4000	70	17,30	1000
S6869	**16W LED**	●		▣	1800	650	●	5000	70	17,30	1000
S6861	1x **35W MT** G12	●		▣	3400		●	4200	90	15,80	710
S6862	1x **70W MT** G12	●		▣	6800		●	4200	90	16,70	710
S6866	1x **35W MT** G12	●		▣	3400		●	4200	90	16,30	1000
S6867	1x **70W MT** G12	●		▣	6800		●	4200	90	17,20	1000



LED

G12 **35W MT**
G12 **70W MT**

Driver LED incluso.
LED driver included.

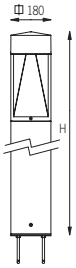
IP66 IK10 850°C 0,13 m² H=710 mm 0,18 m² H=1000 mm

triemissione > *three-way illumination*

16 21



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7032	**24W LED**			2550	890		3000	70	16,30	710
S7033	**24W LED**			2700	950		4000	70	16,30	710
S6874	**24W LED**			2700	950		5000	70	16,30	710
S7062	**24W LED**			2550	890		3000	70	16,80	1000
S7063	**24W LED**			2700	950		4000	70	16,80	1000
S6879	**24W LED**			2700	950		5000	70	16,80	1000
S6871	1x **35W MT** G12			3400			4200	90	15,30	710
S6872	1x **70W MT** G12			6800			4200	90	16,20	710
S6876	1x **35W MT** G12			3400			4200	90	15,80	1000
S6877	1x **70W MT** G12			6800			4200	90	16,70	1000

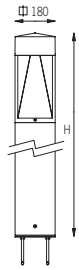


radiale - con vetro decorativo > *radial illumination - with decorative glass*

16 21



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7034	**32W LED** + **1W LED**			3500	1300		3000	70	15,80	710
S7035	**32W LED** + **1W LED**			3700	1350		4000	70	15,80	710
S6924	**32W LED** + **1W LED**			3700	1350		5000	70	15,80	710
S7064	**32W LED** + **1W LED**			3500	1300		3000	70	16,30	1000
S7065	**32W LED** + **1W LED**			3700	1350		4000	70	16,30	1000
S6928	**32W LED** + **1W LED**			3700	1350		5000	70	16,30	1000
S6921	1x **35W MT** G12			3400			4200	90	14,80	710
S6922	1x **70W MT** G12			6800			4200	90	15,70	710
S6926	1x **35W MT** G12			3400			4200	90	15,30	1000
S6927	1x **70W MT** G12			6800			4200	90	16,20	1000

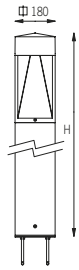


bidirezionale - con vetro decorativo > *two-way illumination - with decorative glass*

16 21



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7036	**16W LED** + **1W LED**			1800	690		3000	70	16,80	710
S7037	**16W LED** + **1W LED**			1900	750		4000	70	16,80	710
S6934	**16W LED** + **1W LED**			1900	750		5000	70	16,80	710
S7066	**16W LED** + **1W LED**			1800	690		3000	70	17,30	1000
S7067	**16W LED** + **1W LED**			1900	750		4000	70	17,30	1000
S6938	**16W LED** + **1W LED**			1900	750		5000	70	17,30	1000
S6931	1x **35W MT** G12			3400			4200	90	15,80	710
S6932	1x **70W MT** G12			6800			4200	90	16,70	710
S6936	1x **35W MT** G12			3400			4200	90	16,30	1000
S6937	1x **70W MT** G12			6800			4200	90	17,20	1000

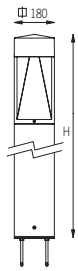


triemissione - con vetro decorativo > *three-way illumination - with decorative glass*

16 21



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7038	**24W LED** + **1W LED**			2650	990		3000	70	16,30	710
S7039	**24W LED** + **1W LED**			2800	1050		4000	70	16,30	710
S6944	**24W LED** + **1W LED**			2800	1050		5000	70	16,30	710
S7068	**24W LED** + **1W LED**			2650	990		3000	70	16,80	1000
S7069	**24W LED** + **1W LED**			2800	1050		4000	70	16,80	1000
S6948	**24W LED** + **1W LED**			2800	1050		5000	70	16,80	1000
S6941	1x **35W MT** G12			3400			4200	90	15,30	710
S6942	1x **70W MT** G12			6800			4200	90	16,20	710
S6946	1x **35W MT** G12			3400			4200	90	15,80	1000
S6947	1x **70W MT** G12			6800			4200	90	16,70	1000



LED

G12 **35W MT**
G12 **70W MT**

Driver LED incluso.
LED driver included.

IP66 IK09 850°C 0,13 m² H=710 mm 0,18 m² H=1000 mm



KUBIX180

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Supporto realizzato in alluminio estruso.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
LED con efficienza nominale sino a 109lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.
Installazione
Doppio pressacavo M20 per collegamento in cascata.
Basamento in alluminio pressofuso (EN 47100).
Contropiastra in acciaio zincato e verniciato con tirafondi in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body (EN 47100).
Extruded aluminium pole.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges up to 4kV.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Screen made of 5mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Nominal LED efficacy up to 109lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.
Installation
Double M20 cable gland for through wiring.
Die-cast aluminium base (EN 47100).
Galvanized and painted steel base plate with galvanized steel stud bolts.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 341.
Accessories, see page 341.

CABLAGGIO IN DOPPIA ACCENSIONE PER LUCE DECORATIVA CON LED.
DOUBLE SWITCH WIRING FOR FIXTURE WITH LED DECORATIVE LIGHT.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



Schermo in policarbonato stabilizzato ai raggi UV.
UV rays stabilized polycarbonate screen.

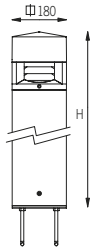
tutta luce - con frangiluce > *full light - with louvre*

16 21

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg	H
S6911	1x **18W FSM** GX24 q-2	●	⧈	1200		●	4000	80	11,30	500
S6913	1x **18W FSM** GX24 q-2	●	⧈	1200		●	4000	80	11,80	1000

GX24 q-2 **18W FSM**

IP66 IK10 850°C 0,09 m² H=500 mm 0,18 m² H=1000 mm





Schermo in policarbonato stabilizzato ai raggi UV.
UV rays stabilized polycarbonate screen.

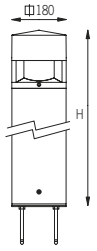
tutta luce - con schermo opalino > *full light - with opalescent diffuser*

16 21

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg	H
S6916	1x **18W FSM** GX24 q-2	●	⧈	1200		●	4000	80	11,30	500
S6918	1x **18W FSM** GX24 q-2	●	⧈	1200		●	4000	80	11,80	1000

GX24 q-2 **18W FSM**

IP66 IK09 850°C 0,09 m² H=500 mm 0,18 m² H=1000 mm



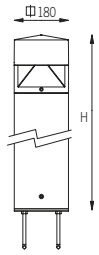


Diffusore in vetro temperato, resistente agli shock termici.
Thermal-shock resistant tempered glass diffuser.

radiale > *radial illumination*

16 21

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7070	**32W LED**			3400	1500		3000	70	13,60	500
S7071	**32W LED**			3600	1650		4000	70	13,60	500
S6884	**32W LED**			3600	1650		5000	70	13,60	500
S7072	**32W LED**			3400	1500		3000	70	14,10	1000
S7073	**32W LED**			3600	1650		4000	70	14,10	1000
S6889	**32W LED**			3600	1650		5000	70	14,10	1000
S6881	1x **35W MT** G12			3400			4200	90	12,60	500
S6882	1x **70W MT** G12			6800			4200	90	13,50	500
S6886	1x **35W MT** G12			3400			4200	90	13,10	1000
S6887	1x **70W MT** G12			6800			4200	90	14,00	1000



LED

G12 **35W MT**
G12 **70W MT**

Driver LED incluso.
LED driver included.

IP66 IK10 850°C 0,13 m² H=500 mm 0,18 m² H=1000 mm

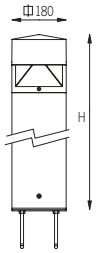


Diffusore in vetro temperato, resistente agli shock termici.
Thermal-shock resistant tempered glass diffuser.

bidirezionale > *two-way illumination*

16 21

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7074	**16W LED**			1700	760		3000	70	14,80	500
S7075	**16W LED**			1800	820		4000	70	14,80	500
S6894	**16W LED**			1800	820		5000	70	14,80	500
S7076	**16W LED**			1700	760		3000	70	15,30	1000
S7077	**16W LED**			1800	820		4000	70	15,30	1000
S6899	**16W LED**			1800	820		5000	70	15,30	1000
S6891	1x **35W MT** G12			3400			4200	90	13,80	500
S6892	1x **70W MT** G12			6800			4200	90	14,70	500
S6896	1x **35W MT** G12			3400			4200	90	14,30	1000
S6897	1x **70W MT** G12			6800			4200	90	15,20	1000



LED

G12 **35W MT**
G12 **70W MT**

Driver LED incluso.
LED driver included.

IP66 IK10 850°C 0,13 m² H=500 mm 0,18 m² H=1000 mm

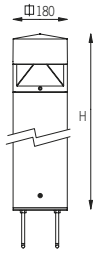


Diffusore in vetro temperato, resistente agli shock termici.
Thermal-shock resistant tempered glass diffuser.

triemissione > *three-way illumination*

16 21

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7078	**24W LED**			2550	1150		3000	70	14,90	500
S7079	**24W LED**			2700	1200		4000	70	14,90	500
S6904	**24W LED**			2700	1200		5000	70	14,90	500
S7080	**24W LED**			2550	1150		3000	70	15,40	1000
S7081	**24W LED**			2700	1200		4000	70	15,40	1000
S6909	**24W LED**			2700	1200		5000	70	15,40	1000
S6901	1x **35W MT** G12			3400			4200	90	13,90	500
S6902	1x **70W MT** G12			6800			4200	90	14,80	500
S6906	1x **35W MT** G12			3400			4200	90	14,40	1000
S6907	1x **70W MT** G12			6800			4200	90	15,30	1000



LED

G12 **35W MT**
G12 **70W MT**

Driver LED incluso.
LED driver included.

IP66 IK10 850°C 0,13 m² H=500 mm 0,18 m² H=1000 mm

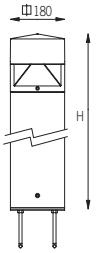


Diffusore in vetro temperato, resistente agli shock termici.
Thermal-shock resistant tempered glass diffuser.

radiale - con vetro decorativo > *radial illumination - with decorative glass*

16 21

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7082	**32W LED** + **1W LED**			3500	1600		3000	70	13,60	500
S7083	**32W LED** + **1W LED**			3700	1750		4000	70	13,60	500
S6954	**32W LED** + **1W LED**			3700	1750		5000	70	13,60	500
S7084	**32W LED** + **1W LED**			3500	1600		3000	70	14,10	1000
S7085	**32W LED** + **1W LED**			3700	1750		4000	70	14,10	1000
S6958	**32W LED** + **1W LED**			3700	1750		5000	70	14,10	1000
S6951	1x **35W MT** G12			3400			4200	90	12,60	500
S6952	1x **70W MT** G12			6800			4200	90	13,50	500
S6956	1x **35W MT** G12			3400			4200	90	13,10	1000
S6957	1x **70W MT** G12			6800			4200	90	14,00	1000



LED

G12 **35W MT**
G12 **70W MT**

Driver LED incluso.
LED driver included.

IP66 IK10 850°C 0,13 m² H=500 mm 0,18 m² H=1000 mm

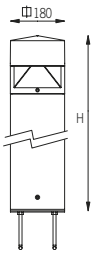


Diffusore in vetro temperato, resistente agli shock termici.
Thermal-shock resistant tempered glass diffuser.

bidirezionale - con vetro decorativo > *two-way illumination - with decorative glass*

16 21

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7086	**16W LED** + **1W LED**			1800	860		3000	70	14,80	500
S7087	**16W LED** + **1W LED**			1900	920		4000	70	14,80	500
S6964	**16W LED** + **1W LED**			1900	920		5000	70	14,80	500
S7088	**16W LED** + **1W LED**			1800	860		3000	70	15,30	1000
S7089	**16W LED** + **1W LED**			1900	920		4000	70	15,30	1000
S6968	**16W LED** + **1W LED**			1900	920		5000	70	15,30	1000
S6961	1x **35W MT** G12			3400			4200	90	13,80	500
S6962	1x **70W MT** G12			6800			4200	90	14,70	500
S6966	1x **35W MT** G12			3400			4200	90	14,30	1000
S6967	1x **70W MT** G12			6800			4200	90	15,20	1000



LED

G12 **35W MT**
G12 **70W MT**

Driver LED incluso.
LED driver included.

IP66 IK10 850°C 0,13 m² H=500 mm 0,18 m² H=1000 mm

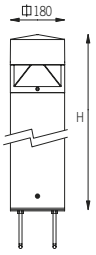


Diffusore in vetro temperato, resistente agli shock termici.
Thermal-shock resistant tempered glass diffuser.

triemissione - con vetro decorativo > *three-way illumination - with decorative glass*

16 21

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S7090	**24W LED** + **1W LED**			2650	1250		3000	70	14,90	500
S7091	**24W LED** + **1W LED**			2800	1300		4000	70	14,90	500
S6974	**24W LED** + **1W LED**			2800	1300		5000	70	14,90	500
S7092	**24W LED** + **1W LED**			2650	1250		3000	70	15,40	1000
S7093	**24W LED** + **1W LED**			2800	1300		4000	70	15,40	1000
S6978	**24W LED** + **1W LED**			2800	1300		5000	70	15,40	1000
S6971	1x **35W MT** G12			3400			4200	90	13,90	500
S6972	1x **70W MT** G12			6800			4200	90	14,80	500
S6976	1x **35W MT** G12			3400			4200	90	14,40	1000
S6977	1x **70W MT** G12			6800			4200	90	15,30	1000



LED

G12 **35W MT**
G12 **70W MT**

Driver LED incluso.
LED driver included.

IP66 IK10 850°C 0,13 m² H=500 mm 0,18 m² H=1000 mm

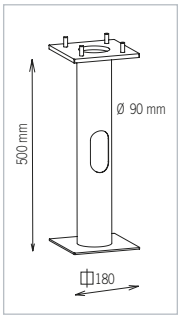


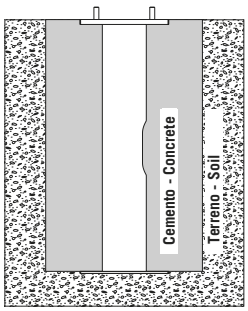


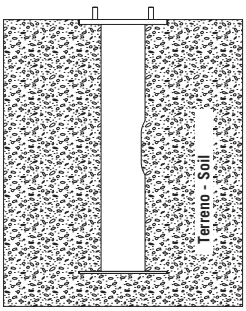
accessori GOTHIC180 - KUBIX180 > *GOTHIC180 - KUBIX180 accessories*

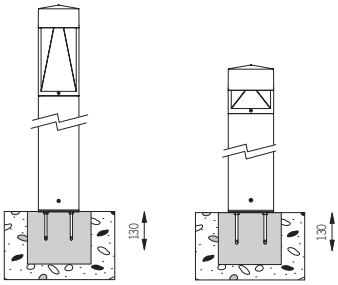
Code		Kg
S6989	●	6,60

Basamento per ancoraggio in acciaio zincato.
Zinc-plated anchorage.









Sistema di fissaggio standard fornito unitamente all'apparecchio.
Standard installation equipment supplied together with the lighting fitting.

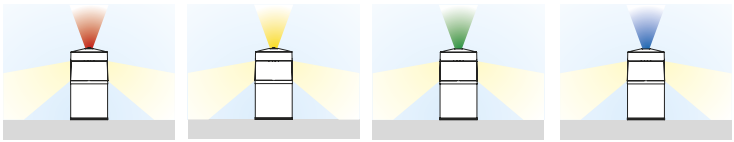
filtri colorati GOTHIC180 - KUBIX180 > *GOTHIC180 - KUBIX180 coloured filters*



Code		
S6990-13	●	●
S6990-14	●	●
S6990-15	●	●
S6990-17	●	●

13 ● Rosso/*Red*
14 ● Giallo/*Yellow*
15 ● Verde/*Green*
17 ● Blu/*Blue*

Vetri colorati da ordinare unitamente all'apparecchio.
Coloured glass to be ordered together with the light fitting.





QUADRIO180

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Supporto realizzato in alluminio estruso.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Lenti LED in PMMA.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 131lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Doppio pressacavo M20 per collegamento in cascata.
Basamento in alluminio pressofuso (EN 47100).
Contropiastra in acciaio zincato e verniciato con tirafondi in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body (EN 47100).
Extruded aluminium pole.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges up to 4kV.
PMMA lenses for LEDs.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 131lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Double M20 cable gland for through wiring.
Die-cast aluminium base (EN 47100).
Galvanized and painted steel base plate with galvanized steel stud bolts.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



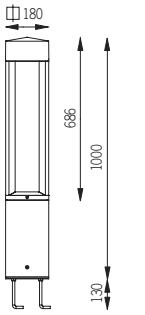
tutta luce - con vetro > *full light - with glass*

16 21

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg	H
S6812	40W LED	●	⧈	3950	2300	●	3000	80	10,30	
S6816	40W LED	●	⧈	4300	2500	●	4000	80	10,30	
S6813	40W LED	●	⧈	4300	2500	●	5000	80	10,30	

LED — **Driver LED incluso.** ***LED driver included.***

IP66 IK07 850°C 0,18 m²





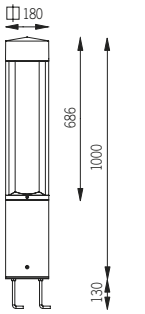
tutta luce - con schermo opalino > *full light - with opalescent diffuser*

16 21

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	H
S6810	40W LED	●	⧈	3950	2350	●	3000	80	10,10	
S6815	40W LED	●	⧈	4300	2550	●	4000	80	10,10	
S6811	40W LED	●	⧈	4300	2550	●	5000	80	10,10	
S6988	1x 55W FSD 2G11	●	⧈	4800		●	4000	80	8,30	

LED — 2G11 **55W FSD** — **Driver LED incluso.** ***LED driver included.***

IP66 IK09 850°C 0,18 m²

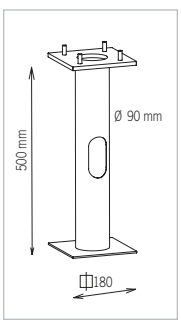


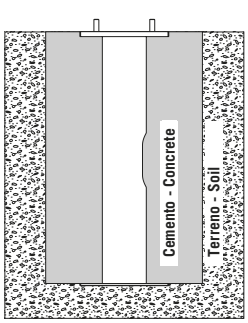
accessori QUADRIO180 > *QUADRIO180 accessories*

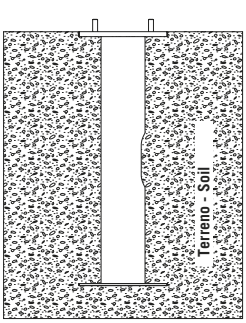
31

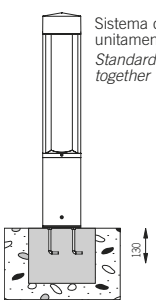
Code		Kg
S6989	●	6,60

Basamento per ancoraggio in acciaio zincato.
Zinc-plated anchorage.









Sistema di fissaggio standard fornito unitamente all'apparecchio.
Standard installation equipment supplied together with the lighting fitting.

ARREDO URBANO
URBAN LIGHTING



344
LUNIO



346
LUNIO7



347
LUNIOSTREET



350
QUADRIO180



352
PROMENADE



354
BOULEVARDLED



356
ELLIS2



357
LESTER



361
PANTHEON1



362
PANTHEON2



LUNIO

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Sezionatore che disinserisce automaticamente la linea di alimentazione all'apertura del corpo.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 126lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.
Modulo LED protetto contro la rottura del singolo LED.

Installazione
Installazione a testa-palo.
Fornito completo di cavo con connettore presa-spina IP66 con ghiera di bloccaggio per cavi da 9 a 12mm (0,15m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Knife-switch for automatic power disconnection when opened.
Driver protected against voltage surges up to 4kV.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Screen made of 5mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 126lumen/Watt (4000K - 350mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.
LED module protected against single LED default.

Installation
Post-top installation.
Supplied with power cable ended by IP66 socket-plug connector with locking ring for cables of diameter 9-12mm (0,15m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

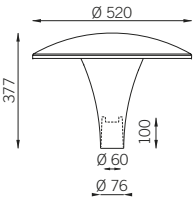
Accessori, vedi pag. 345.
Accessories, see page 345.

BIP - Il sistema bipotenza con commutazione elettronica consente di avere un notevole risparmio economico sull'impianto. Riducendo la potenza assorbita nelle ore notturne (dove si può avere un illuminamento minore), si ha un considerevole risparmio energetico.
***BIP** - The bipotencial system with electronic changeover permit a considerable economics savings. With the reduction of the power absorbed in the nighttime (where there is less floodlight) there is a considerable energetic savings.*



con vetro trasparente > *with transparent glass* — 12 ● 16 ● 21 ●

Code	WATT	CEI	DALI	BIP	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
radiale > *radial illumination*											
S7351	**35W LED**	●	●	●	⧈	4000	2200	●	3000	80	9,00
S7352	**49W LED**	●	●	●	⧈	5300	2900	●	3000	80	9,00
S7354	**73W LED**	●	●	●	⧈	7900	4300	●	3000	80	9,00
S7331	**35W LED**	●	●	●	⧈	4300	2300	●	4000	80	9,00
S7332	**49W LED**	●	●	●	⧈	5750	3100	●	4000	80	9,00
S7334	**73W LED**	●	●	●	⧈	8650	4700	●	4000	80	9,00
S7311	**35W LED**	●	●	●	⧈	4300	2300	●	5000	80	9,00
S7312	**49W LED**	●	●	●	⧈	5750	3100	●	5000	80	9,00
S7314	**73W LED**	●	●	●	⧈	8650	4700	●	5000	80	9,00
radiale 270° > *270° radial illumination*											
S7361	**26W LED**	●	●	●	⧈	3000	1600	●	3000	80	9,00
S7362	**37W LED**	●	●	●	⧈	3950	2100	●	3000	80	9,00
S7364	**55W LED**	●	●	●	⧈	5950	3200	●	3000	80	9,00
S7341	**26W LED**	●	●	●	⧈	3250	1700	●	4000	80	9,00
S7342	**37W LED**	●	●	●	⧈	4300	2300	●	4000	80	9,00
S7344	**55W LED**	●	●	●	⧈	6500	3500	●	4000	80	9,00
S7321	**26W LED**	●	●	●	⧈	3250	1700	●	5000	80	9,00
S7322	**37W LED**	●	●	●	⧈	4300	2300	●	5000	80	9,00
S7324	**55W LED**	●	●	●	⧈	6500	3500	●	5000	80	9,00



LED

IP66 IK09 0,16 m²

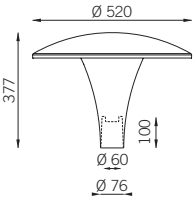




con vetro opale > *with opal glass*

12 ● 16 ● 21 ●

Code	WATT	CEI	DALI	BIP	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
radiale > *radial illumination*											
S7451	**35W LED**	●	●	●	⧈	4000	1800	●	3000	80	9,00
S7452	**49W LED**	●	●	●	⧈	5300	2400	●	3000	80	9,00
S7454	**73W LED**	●	●	●	⧈	7900	3800	●	3000	80	9,00
S7431	**35W LED**	●	●	●	⧈	4300	1900	●	4000	80	9,00
S7432	**49W LED**	●	●	●	⧈	5750	2600	●	4000	80	9,00
S7434	**73W LED**	●	●	●	⧈	8650	3900	●	4000	80	9,00
S7411	**35W LED**	●	●	●	⧈	4300	1900	●	5000	80	9,00
S7412	**49W LED**	●	●	●	⧈	5750	2600	●	5000	80	9,00
S7414	**73W LED**	●	●	●	⧈	8650	3900	●	5000	80	9,00
radiale 270° > *270° radial illumination*											
S7461	**26W LED**	●	●	●	⧈	3000	1300	●	3000	80	9,00
S7462	**37W LED**	●	●	●	⧈	3950	1800	●	3000	80	9,00
S7464	**55W LED**	●	●	●	⧈	5950	2700	●	3000	80	9,00
S7441	**26W LED**	●	●	●	⧈	3250	1400	●	4000	80	9,00
S7442	**37W LED**	●	●	●	⧈	4300	1900	●	4000	80	9,00
S7444	**55W LED**	●	●	●	⧈	6500	2900	●	4000	80	9,00
S7421	**26W LED**	●	●	●	⧈	3250	1400	●	5000	80	9,00
S7422	**37W LED**	●	●	●	⧈	4300	1900	●	5000	80	9,00
S7424	**55W LED**	●	●	●	⧈	6500	2900	●	5000	80	9,00

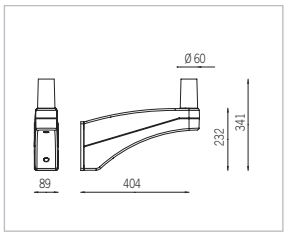


LED

IP66 IK09 0,16 m²

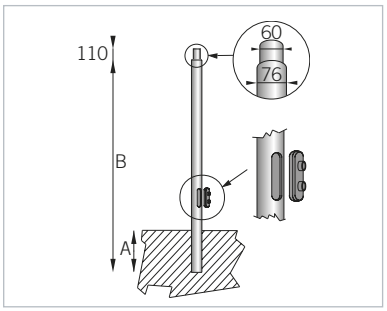
accessori > *accessories*

12 ● 16 ● 21 ●



Code		Kg
S9011	●	2,50

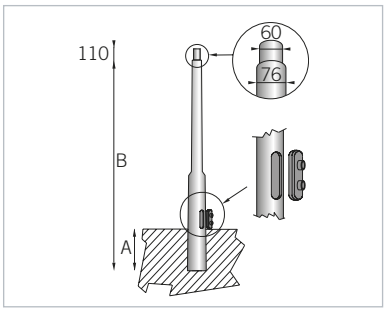
Braccio Ø 60 mm.
Ø 60 mm arm.



COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

Code		A [cm]	B [cm]	Kg
S9014	●	50	350	18,00
S9015	●	50	400	20,00
S9016	●	50	450	22,00

Palo cilindrico Ø 76 mm con riduzione Ø 60 mm in acciaio zincato completo di finestra di ispezione e morsettiera con portafusibile.
Cylindrical galvanized steel pole with inspection slit and terminal board with fuse carrier Ø 76 mm with Ø 60 mm reduction.



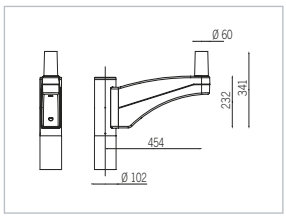
COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

Code		A [cm]	B [cm]	Kg
S9017	●	50	500	41,00
S9018	●	50	550	44,00
S9019	●	50	600	46,00

Palo cilindrico rastremato Ø 76 mm con riduzione Ø 60 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier Ø 76 mm with Ø 60 mm reduction.

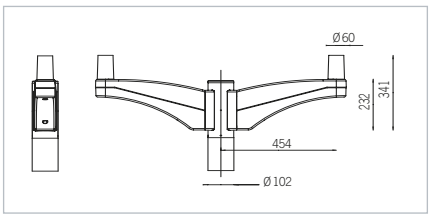
accessori per palo Ø 102 mm > *Ø 102 mm pole accessories*

12 ● 16 ● 21 ●



Code		Kg
S9012	●	3,50

Attacco palo monoposto.
Pole attachment for 1 light fitting.

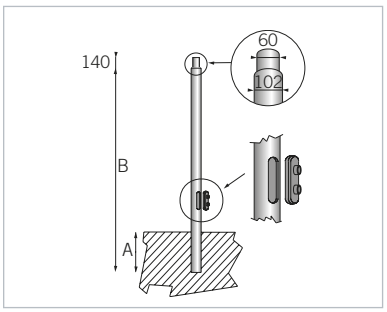


Code		Kg
S9013	●	6,00

Attacco palo 2 posti.
Pole attachment for 2 light fittings.

Palo cilindrico Ø 102 mm con riduzione Ø 60 mm in acciaio zincato completo di finestra di ispezione e morsettiera con portafusibile.
Cylindrical galvanized steel pole with inspection slit and terminal board with fuse carrier. Ø 102 mm with Ø 60 mm reduction.

Adatto per i codici:
Suitable for codes:
S9012 - S9013



COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

Code		A [cm]	B [cm]	Kg
T7980	●	50	400	32,00
T7981	●	50	450	36,00
T7982	●	50	500	40,00
T7983	●	50	550	44,00
T7984	●	50	600	48,00

Per il corretto montaggio degli attacchi palo del Lunio, sono necessari pali Ø 102 mm con riduzione Ø 60 mm alta 140 mm.
For the correct installation of the Lunio poles attachments, Ø 102 mm poles with Ø 60 mm and 140 mm high reduction are required.



LUNIO7

Apparecchio

Corpo in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio su piastra asportabile in acciaio zincato.
Sezionatore che disinserisce automaticamente la linea di alimentazione all'apertura del corpo.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 4mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-3.

Sorgente

LED con efficienza nominale sino a 141lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.

Installazione

Installazione a testa-palo.
Fornito completo di cavo con connettore presa-spina IP66 con ghiera di bloccaggio per cavi da 9 a 12mm (0,15m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire

Die-cast aluminium body (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Wiring on removable galvanized steel tray.
Knife-switch for automatic power disconnection when opened.
Driver protected against voltage surges up to 4kV.
PMMA lenses for LEDs.
Screen made of 4mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-3.

Source

Nominal LED efficacy up to 141lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.

Installation

Post-top installation.
Supplied with power cable ended by IP66 socket-plug connector with locking ring for cables of diameter 9-12mm (0,15m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

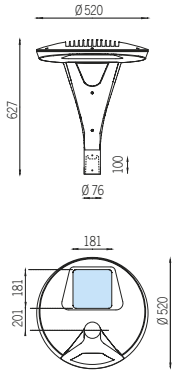
12 ● 16 ● 21 ●



Code	WATT	CEI	DALI	BIP	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
ottica arredo urbano radiale > *radial urban lighting*											
T7697	**28W LED**	●	●	●	▣	3850	2250	●	3000	70	12,60
T7698	**28W LED**	●	●	●	▣	4150	2550	●	4000	70	12,60
T7699	**28W LED**	●	●	●	▣	4150	2550	●	5000	70	12,60
T7700	**51W LED**	●	●	●	▣	6050	3550	●	3000	70	12,60
T7701	**51W LED**	●	●	●	▣	6550	3950	●	4000	70	12,60
T7702	**51W LED**	●	●	●	▣	6550	3950	●	5000	70	12,60
T7703	**78W LED**	●	●	●	▣	10000	6250	●	3000	70	12,60
T7704	**78W LED**	●	●	●	▣	10800	7000	●	4000	70	12,60
T7705	**78W LED**	●	●	●	▣	10800	7000	●	5000	70	12,60
ottica stradale > *street lighting*											
T7707	**28W LED**	●	●	●	▣	3850	2400	●	3000	70	12,60
T7708	**28W LED**	●	●	●	▣	4150	2700	●	4000	70	12,60
T7709	**28W LED**	●	●	●	▣	4150	2700	●	5000	70	12,60
T7710	**51W LED**	●	●	●	▣	6050	3750	●	3000	70	12,60
T7711	**51W LED**	●	●	●	▣	6550	4200	●	4000	70	12,60
T7712	**51W LED**	●	●	●	▣	6550	4200	●	5000	70	12,60
T7713	**78W LED**	●	●	●	▣	10000	6550	●	3000	70	12,60
T7714	**78W LED**	●	●	●	▣	10800	7300	●	4000	70	12,60
T7715	**78W LED**	●	●	●	▣	10800	7300	●	5000	70	12,60

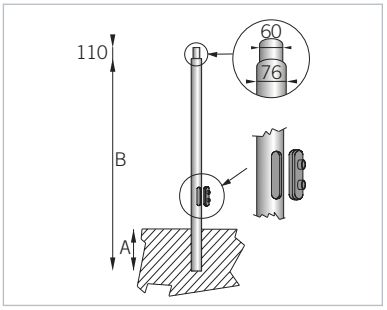
LED

IP66 IK08 0,16 m²



accessori > *accessories*

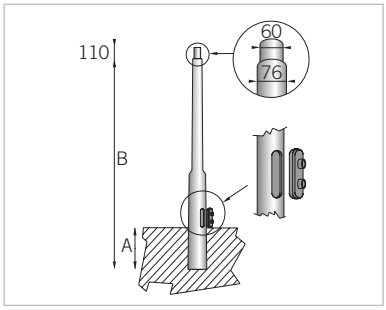
12 ● 16 ● 21 ●



Palo cilindrico Ø 76 mm con riduzione Ø 60 mm in acciaio zincato completo di finestra di ispezione e morsettiera con portafusibile.
Cylindrical galvanized steel pole with inspection slit and terminal board with fuse carrier Ø 76 mm with Ø 60 mm reduction.

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

Code		A [cm]	B [cm]	Kg
S9014	●	50	350	18,00
S9015	●	50	400	20,00
S9016	●	50	450	22,00



Palo cilindrico rastremato Ø 76 mm con riduzione Ø 60 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier Ø 76 mm with Ø 60 mm reduction.

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

Code		A [cm]	B [cm]	Kg
S9017	●	50	500	41,00
S9018	●	50	550	44,00
S9019	●	50	600	46,00



LUNIOSTREET

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio su piastra asportabile in acciaio zincato.
Sezionatore che disinserisce automaticamente la linea di alimentazione all'apertura del corpo.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 4mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-3.
Sorgente
LED con efficienza nominale sino a 109lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.
Installazione
Installazione a frusta.
Fornito completo di cavo con connettore presa-spina IP66 con ghiera di bloccaggio per cavi da 9 a 12mm (0,15m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Wiring on removable galvanized steel tray.
Knife-switch for automatic power disconnection when opened.
Driver protected against voltage surges up to 4kV.
PMMA lenses for LEDs.
Screen made of 4mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-3.
Source
Nominal LED efficacy up to 109lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.
Installation
Side-entry installation.
Supplied with power cable ended by IP66 socket-plug connector with locking ring for cables of diameter 9-12mm (0.15m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

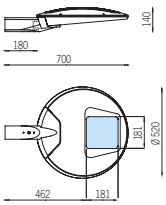
Accessori, vedi pag. 348-349.
Accessories, see page 348-349.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

12 16 21



Code	WATT	CEI	DALI	BIP	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
ottica arredo urbano asimmetrica > *asymmetrical urban lighting*											
T7727	**28W LED**	●	●	●	▣	3850	2250	●	3000	70	11,50
T7728	**28W LED**	●	●	●	▣	4150	2550	●	4000	70	11,50
T7729	**28W LED**	●	●	●	▣	4150	2550	●	5000	70	11,50
T7730	**51W LED**	●	●	●	▣	6050	3550	●	3000	70	11,50
T7731	**51W LED**	●	●	●	▣	6550	3950	●	4000	70	11,50
T7732	**51W LED**	●	●	●	▣	6550	3950	●	5000	70	11,50
T7733	**78W LED**	●	●	●	▣	10000	6250	●	3000	70	11,50
T7734	**78W LED**	●	●	●	▣	10800	7000	●	4000	70	11,50
T7735	**78W LED**	●	●	●	▣	10800	7000	●	5000	70	11,50
ottica stradale > *street lighting*											
T7737	**28W LED**	●	●	●	▣	3850	2400	●	3000	70	11,50
T7738	**28W LED**	●	●	●	▣	4150	2700	●	4000	70	11,50
T7739	**28W LED**	●	●	●	▣	4150	2700	●	5000	70	11,50
T7740	**51W LED**	●	●	●	▣	6050	3750	●	3000	70	11,50
T7741	**51W LED**	●	●	●	▣	6550	4200	●	4000	70	11,50
T7742	**51W LED**	●	●	●	▣	6550	4200	●	5000	70	11,50
T7743	**78W LED**	●	●	●	▣	10000	6550	●	3000	70	11,50
T7744	**78W LED**	●	●	●	▣	10800	7300	●	4000	70	11,50
T7745	**78W LED**	●	●	●	▣	10800	7300	●	5000	70	11,50



LED

IP66 IK08 0,16 m²

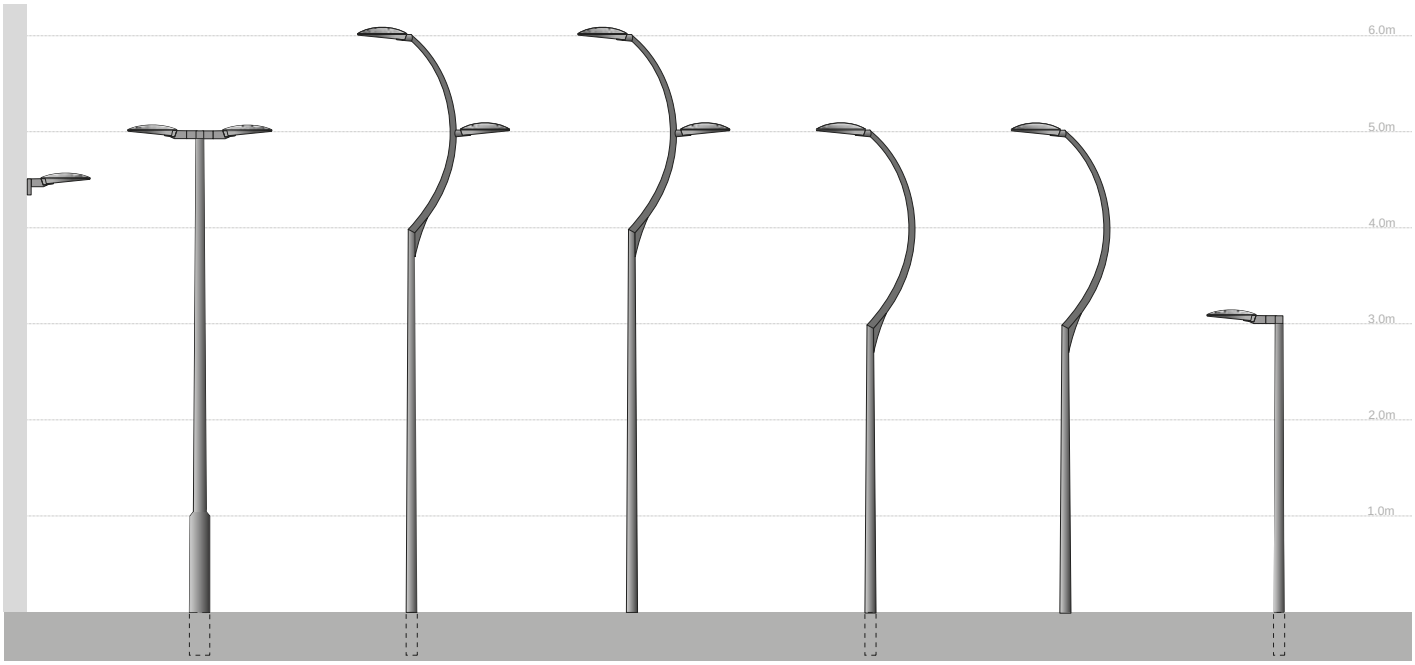






accessori > accessories

12 ● 16 ● 21 ●



Basetta a parete
Wall bracket
T7790

Palo da interrare
Root mounted pole
S9017-S9018-S9019
+
Attacco palo 2 posti
Pole attachment for 2 light fitting
T7796

Palo da interrare
Root mounted pole
S9026-S9027

Palo con base
Pole with base
S9036-S9037

Palo da interrare
Root mounted pole
S9021-S9022

Palo con base
Pole with base
S9031-S9032

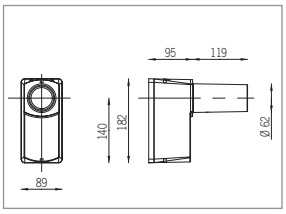
Palo da interrare
Root mounted pole
S9014-S9015-S9016
+
Attacco palo 1 posto
Pole attachment for 1 light fitting
T7795

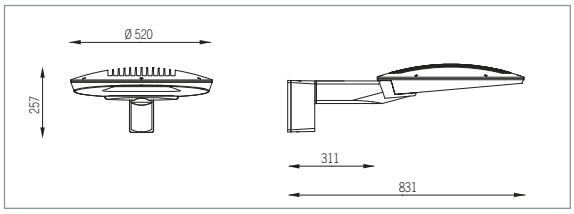
accessori per attacco a parete > *wall bracket accessories*

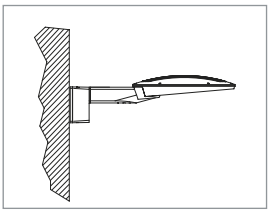
12 ● 16 ● 21 ●

Code		Kg
T7799	●	1,20

Basetta a parete.
Wall bracket.

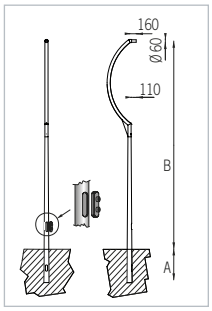






palo da interrare > *root mounted pole*

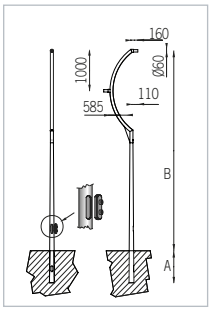
12 ● 16 ● 21 ●



COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

Code		A [cm]	B [cm]	Kg
S9021	●	80	500	21,00
S9022	●	80	600	25,00

Palo conico Ø 76 mm con una riduzione Ø 60 mm in acciaio zincato da interrare, completo di finestra di ispezione e morsettiera con portafusibile.
Ø 76 mm root mounted conical galvanized steel pole with Ø 60 mm spigot, inspection slit and terminal block with fuse holder.



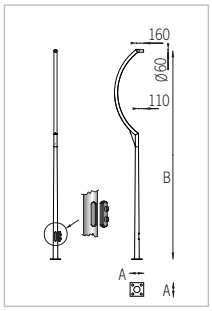
COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

Code		A [cm]	B [cm]	Kg
S9026	●	80	500	21,20
S9027	●	80	600	25,20

Palo conico Ø 76 mm con due riduzioni Ø 60 mm in acciaio zincato da interrare, completo di finestra di ispezione e morsettiera con portafusibile.
Ø 76 mm root mounted conical galvanized steel pole with two Ø 60 mm spigot, inspection slit and terminal block with fuse holder.

palo con base > *pole with base*

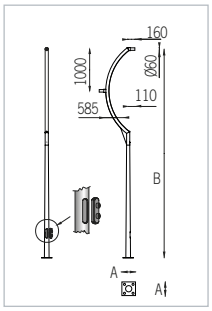
12 ● 16 ● 21 ●



COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

Code		A [cm]	B [cm]	Kg
S9031	●	25	500	16,00
S9032	●	25	600	19,00

Palo conico Ø 76 mm con una riduzione Ø 60 mm in acciaio zincato con piastra di base, completo di finestra d'ispezione e morsettiera con portafusibile.
Ø 76 mm conicallgalvanized steel pole with Ø 60 mm spigot, inspection slit and terminal block with fuse holder.



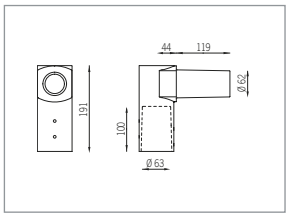
COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

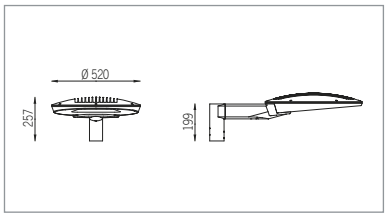
Code		A [cm]	B [cm]	Kg
S9036	●	25	500	16,20
S9037	●	25	600	19,20

Palo conico Ø 76 mm con due riduzioni Ø 60 mm in acciaio zincato con piastra di base, completo di finestra di ispezione e morsettiera con portafusibile.
Ø 76 mm conical galvanized steel pole with two Ø 60 mm spigot, inspection slit and terminal block with fuse holder.

accessori per palo Ø 76 mm > *Ø 76 mm pole accessories*

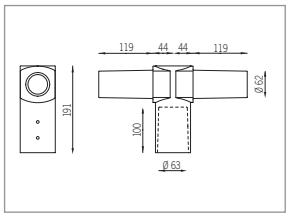
12 ● 16 ● 21 ●

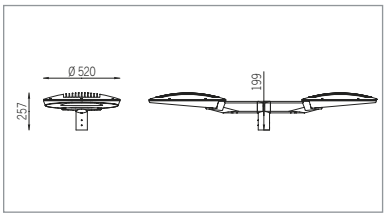




Code		Kg
T7795	●	1,60

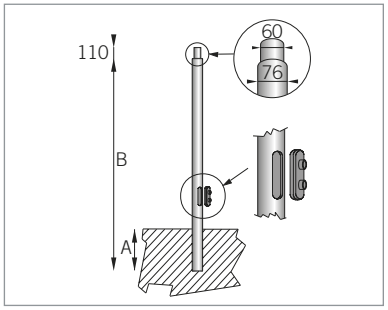
Attacco palo 1 posto.
Pole attachment for 1 light fitting.





Code		Kg
T7796	●	2,10

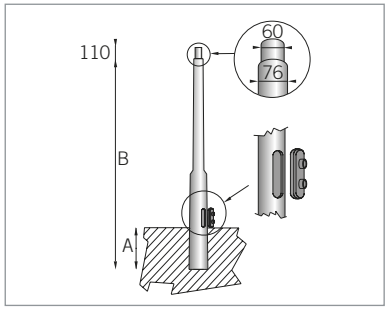
Attacco palo 2 posti.
Pole attachment for 2 light fittings.



COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

Code		A [cm]	B [cm]	Kg
S9014	●	50	350	18,00
S9015	●	50	400	20,00
S9016	●	50	450	22,00

Palo cilindrico Ø 76 mm con riduzione Ø 60 mm in acciaio zincato completo di finestra di ispezione e morsettiera con portafusibile.
Cylindrical galvanized steel pole with inspection slit and terminal board with fuse carrier Ø 76 mm with Ø 60 mm reduction.



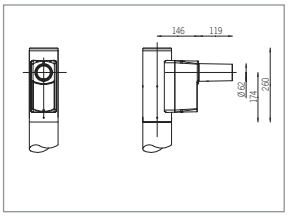
COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

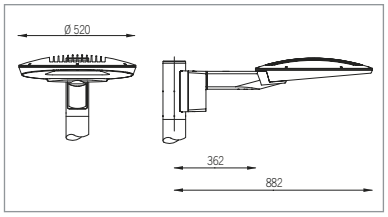
Code		A [cm]	B [cm]	Kg
S9017	●	50	500	41,00
S9018	●	50	550	44,00
S9019	●	50	600	46,00

Palo cilindrico rastremato Ø 76 mm con riduzione Ø 60 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier Ø 76 mm with Ø 60 mm reduction.

accessori per palo Ø 102 mm > *Ø 102 mm pole accessories*

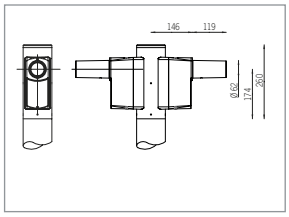
12 ● 16 ● 21 ●

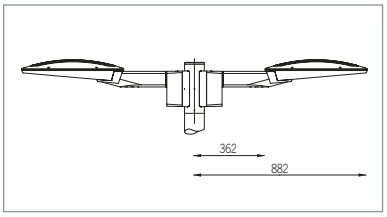




Code		Kg
T7797	●	2,20

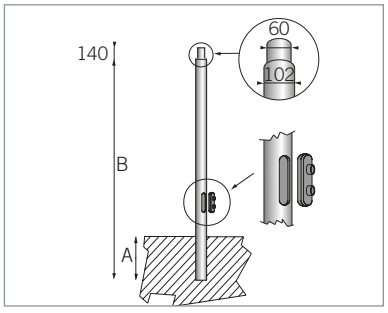
Attacco palo 1 posto.
Pole attachment for 1 light fitting.





Code		Kg
T7798	●	3,50

Attacco palo 2 posti.
Pole attachment for 2 light fittings.



Palo cilindrico Ø 102 mm con riduzione Ø 60 mm in acciaio zincato completo di finestra di ispezione e morsettiera con portafusibile.
Cylindrical galvanized steel pole with inspection slit and terminal board with fuse carrier. Ø 102 mm with Ø 60 mm reduction.

Per il corretto montaggio degli attacchi palo, sono necessari pali Ø 102 mm
con riduzione Ø 60 mm alta 140 mm.
For the proper (correct) installation poles attachments, Ø 102 mm poles
with Ø 60 mm and 140 mm high reduction are required.

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

Code		A [cm]	B [cm]	Kg
T7980	●	50	400	32,00
T7981	●	50	450	36,00
T7982	●	50	500	40,00
T7983	●	50	550	44,00
T7984	●	50	600	48,00



QUADRIO180

Apparecchio

Corpo in alluminio pressofuso (EN 47100).
Supporto realizzato in alluminio estruso.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Sezionatore che disinserisce automaticamente la linea di alimentazione all'apertura del corpo.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici o schermo in policarbonato opale stabilizzato ai raggi UV.
Basamento in alluminio pressofuso (EN 47100).
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.Sorgente
LED con efficienza nominale sino a 131lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione

Doppio pressacavo M20 per collegamento in cascata.
Contropiastra in acciaio zincato e verniciato con tirafondi in acciaio zincato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire

Die-cast aluminium body (EN 47100).
Extruded aluminium pole.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Knife-switch for automatic power disconnection when opened.
Driver protected against voltage surges up to 4kV.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Screen made of 5mm thermal-shock resistant tempered glass, or opal polycarbonate screen, UV rays stabilized.
Die-cast aluminium base (EN 47100).
It complies with standards EN 60598-1 and EN 60598-2-1.

Source

Nominal LED efficacy up to 131lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation

Double M20 cable gland for through wiring.
Galvanized and painted steel base plate with galvanized steel stud bolts.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 351.
Accessories, see page 351.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.

Suitable for BLE control device, for details consult factory.

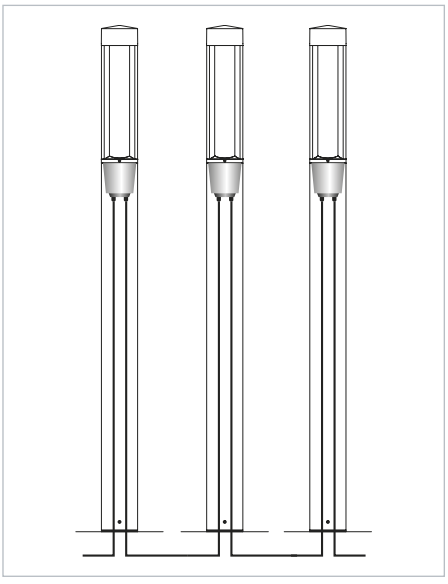




Sezionatore di linea per facilitare le operazioni di installazione e manutenzione.
The knife-switch makes installation and maintenance works easier.



Completo di finestra d'ispezione.
With inspection slit.



Guarnizioni in gomma siliconica, doppio pressacavo M20 per collegamento in cascata, e viteria esterna in acciaio inox AISI 316.
Silicone rubber gaskets, double cable gland M20 for cascade connection, and AISI 316 stainless steel external screws.

radiale > *radial illumination*

16 21

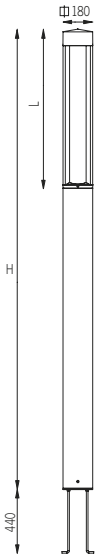


Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	L	H
con schermo opalino > *with opalescent diffuser*												
S6991	**40W LED**	●		▣	3950	2350	●	3000	80	36,50	1121	3435
S7180	**40W LED**	●		▣	4300	2550	●	4000	80	36,50	1121	3435
S6992	**40W LED**	●		▣	4300	2550	●	5000	80	36,50	1121	3435
S6993	**40W LED**	●		▣	3950	2350	●	3000	80	41,50	1121	3935
S7181	**40W LED**	●		▣	4300	2550	●	4000	80	41,50	1121	3935
S6994	**40W LED**	●		▣	4300	2550	●	5000	80	41,50	1121	3935
S7184	**40W LED**	●		▣	3950	2000	●	3000	80	46,50	1621	4435
S7185	**40W LED**	●		▣	4300	2200	●	4000	80	46,50	1621	4435
S7186	**40W LED**	●		▣	4300	2200	●	5000	80	46,50	1621	4435
LED												
S6980	1x **80W FSD** 2G11	●		▣	6500		●	4000	80	35,00	686	3000
S6981	1x **80W FSD** 2G11	●		▣	6500		●	4000	80	40,00	686	3500

2G11 **80W FSD**

IP66 IK09 850°C

0,55 m² H=3000 mm | 0,60 m² H=3435 mm H=3500 mm | 0,70 m² H=3935 mm | 0,80 m² H=4435 mm



radiale > *radial illumination*

16 21



Code	WATT	CEI		Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	L	H
con diffusore in vetro > *with glass diffuser*												
S6995	**40W LED**	●		▣	3950	2300	●	3000	80	36,50	1121	3435
S7182	**40W LED**	●		▣	4300	2500	●	4000	80	36,50	1121	3435
S6996	**40W LED**	●		▣	4300	2500	●	5000	80	36,50	1121	3435
S6997	**40W LED**	●		▣	3950	2300	●	3000	80	41,50	1121	3935
S7183	**40W LED**	●		▣	4300	2500	●	4000	80	41,50	1121	3935
S6998	**40W LED**	●		▣	4300	2500	●	5000	80	41,50	1121	3935
S7190	**40W LED**	●		▣	3950	2300	●	3000	80	38,50	1621	3935
S7191	**40W LED**	●		▣	4300	2500	●	4000	80	38,50	1621	3935
S7192	**40W LED**	●		▣	4300	2500	●	5000	80	38,50	1621	3935
S7193	**40W LED**	●		▣	3950	2300	●	3000	80	43,50	1621	4435
S7194	**40W LED**	●		▣	4300	2500	●	4000	80	43,50	1621	4435
S7195	**40W LED**	●		▣	4300	2500	●	5000	80	43,50	1621	4435
LED												
S6984	1x **35W MT** G12	●		▣	3400		●	4200	90	37,00	1121	3435
S6986	1x **70W MT** G12	●		▣	6800		●	4200	90	37,00	1121	3435
S6987	1x **70W MT** G12	●		▣	6800		●	4200	90	42,00	1121	3935

G12 **35W MT**
G12 **70W MT**

IP66 IK07 850°C

0,60 m² H=3435 mm | 0,70 m² H=3935 mm

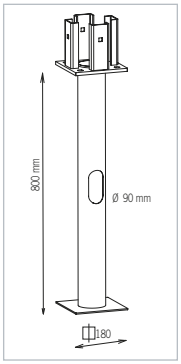


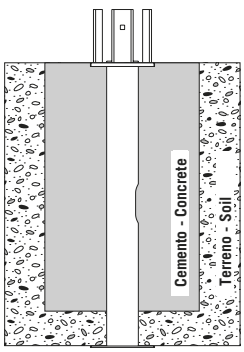
accessori QUADRIO180 > *QUADRIO180 accessories*

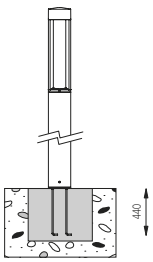
31

Code		Kg
S6999	●	7,80

Basamento per ancoraggio in acciaio zincato.
Galvanized anchorage.







Sistema di fissaggio standard fornito unitamente all'apparecchio.
Standard installation equipment supplied together with the lighting fitting.





PROMENADE

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio in doppio isolamento su piastra asportabile costruita in materiale termoplastico rinforzato con fibra di vetro.
Sezionatore che disinserisce automaticamente la linea di alimentazione all'apertura del corpo.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Diffusore in policarbonato trasparente infrangibile, stabilizzato ai raggi UV, autoestinguente V2.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.
Sorgente
LED con efficienza nominale sino a 118lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.
Disponibili versioni con lampade tradizionali.
Installazione
Installazione a testa-palo.
Pressacavo PG16 in tecnopolimero.
Fornito completo di cavo con connettore presa-spina IP66 con ghiera di bloccaggio per cavi da 9 a 12mm (0,15m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Double-insulation wiring assembled on a fibreglass reinforced engineering plastic removable tray.
Knife-switch for automatic power disconnection when opened.
Driver protected against voltage surges up to 4kV.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
UV rays stabilized, V2 self-extinguishing transparent polycarbonate diffuser.
It complies with standards EN 60598-1 and EN 60598-2-1.
Source
Nominal LED efficacy up to 118lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.
Available with conventional lamps.
Installation
Post-top installation.
PG16 engineering plastic cable gland.
Supplied with power cable ended by IP66 socket-plug connector with locking ring for cables of diameter 9-12mm (0.15m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 353-355.
Accessories, see page 353-355.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



Completo di connettore presa spina IP66 con ghiera di bloccaggio per cavi di da 9 a 12mm.
Complete with IP66 socket-plug connector with locking ring for 9 to 12mm cables.







All'apertura del vano ottico il sezionatore di linea toglie corrente all'apparecchio permettendo così una sicura sostituzione della lampada.
When the lamp housing is opened, the knike switch cuts the current line, allowing the safe replacement of the bulb.

La piastra di cablaggio in doppio isolamento con sezionatore di linea è completamente asportabile.
The double-insulated wiring base plate is completely removable.



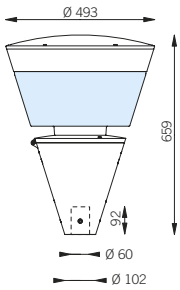
LED

16 21

Code	WATT	CEI	BIP CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
S7268	73W LED				8650	6300		5000	80	15,00

LED

IP66 IK08 0,19 m²



senza frangiluce > *without louvre*

16 21

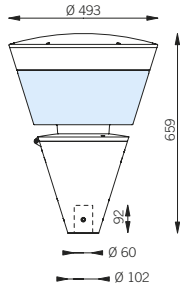


Code	WATT	CR	CEI	BIP CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
S7280	1x **100W CDO-TT** E40	●	●		⧈	10700		●	2800	80	11,80
S7281	1x **150W CDO-TT** E40	●	●		⧈	16500		●	2800	80	12,50
S7282	1x **250W CDO-TT** E40	●			⧈	28900		●	2800	80	13,80
S7286	1x **150W ST** E40	●	●		⧈	17500		●	2000		12,50
S7287	1x **250W ST** E40	●			⧈	32000		●	2000		13,80

E40 **100W CDO-TT**
E40 **150W CDO-TT**

E40 **150W ST**
E40 **250W ST**

IP66 IK08 0,19 m²



con frangiluce > *with louvre*

16 21



Code	WATT	CR	CEI	BIP CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
S7290*	1x **100W CDO-TT** E40	●	●		⧈	10700		●	2800	80	12,10
S7291*	1x **150W CDO-TT** E40	●	●		⧈	16500		●	2800	80	12,80
S7293	1x **150W ST** E40	●	●		⧈	17500		●	2000		12,80
S7294	1x **250W ST** E40	●			⧈	32000		●	2000		14,10

E40 **100W CDO-TT**
E40 **150W CDO-TT**

E40 **150W ST**
E40 **250W ST**

IP66 IK08 0,19 m² *

luce schermata > *screened light*

16 21



Code	WATT	CR	CEI	BIP CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
S7260	1x **70W MT** G12	●	●		⧈	6800		●	4200	90	11,80
S7261	1x **150W MT** G12	●	●		⧈	14700		●	4200	90	12,40
S7262	1x **250W MT** G12	●			⧈	22000		●	4200	90	13,80

G12 **70W MT**
G12 **150W MT**
G12 **250W MT**

IP66 IK08 0,19 m²

luce indiretta > *indirect light*

16 21



Code	WATT	CR	CEI	BIP CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
S7250	1x **150W MT** G12	●	●		⧈	14700		●	4200	90	12,40
S7254	1x **250W MT** G12	●			⧈	22000		●	4200	90	13,80

G12 **150W MT**
G12 **250W MT**

IP66 IK08 0,19 m²

accessori > *accessories*

17



Da ordinare unitamente all'apparecchio.
To order with the light fitting.

Code		Kg
S7978-17	●	0,20

Anello con LED colorato (blu).
Ring-frame with colored LED (blue).





NON ADATTO PER CODICI
NOT SUITABLE FOR CODE
S7254 - S7294



BOULEVARDLED

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Corpo dotato di ampie alettature di raffreddamento.
Coperchio in in alluminio pressofuso.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio in doppio isolamento su piastra asportabile costruita in materiale termoplastico rinforzato con fibra di vetro.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Diffusore in policarbonato trasparente infrangibile, stabilizzato ai raggi UV, autoestinguente V2.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
Modulo LED compatibile Zhaga.
LED con efficienza nominale sino a 130lumen/Watt (4000K - 900mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a testa-palo.
Passacavo stagno per entrata singola del cavo di alimentazione.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body (EN 47100).
Body with large cooling fins.
Cover made of die-cast aluminium.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Double-insulation wiring assembled on a fibreglass reinforced engineering plastic removable tray.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
UV rays stabilized, V2 self-extinguishing transparent polycarbonate diffuser.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Zhaga compliant LED module.
Nominal LED efficacy up to 130lumen/Watt (4000K - 900mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Post-top installation.
Waterproof grommet for single cable entry.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 355.
Accessories, see page 355.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.



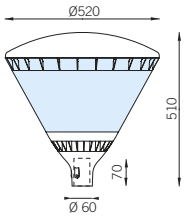
LED • luce schermata > *LED • soft light* 12 21

coperchio in alluminio pressofuso > *die-cast aluminium cover*

Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
S7315	33W LED	●	▣	3600	1800	●	3000	70	5,40
S7316	33W LED	●	▣	3800	1900	●	4000	70	5,40
S7317	33W LED	●	▣	4000	2000	●	5000	70	5,40

LED

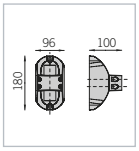
IP65 IK08 0,15 m²





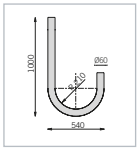
accessori > *accessories*

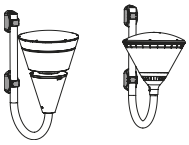
12 ● 16 ● 21 ●

Code		Kg
S7970 (2pcs)	●	0,86

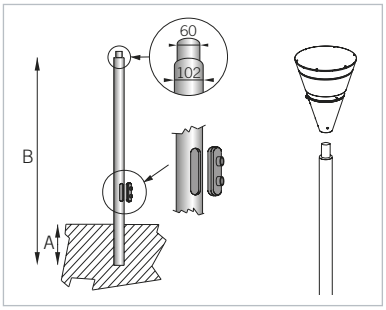
Basetta a parete per braccio Ø 60 mm.
Wall bracket for Ø 60 mm arm.





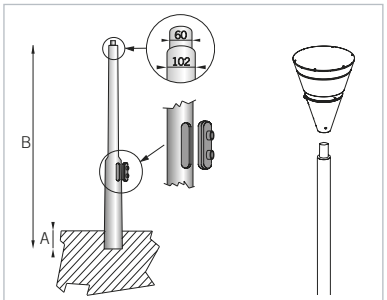
Code		Kg
S7979	●	6,60

Braccio Ø 60 mm.
Ø 60 mm arm.



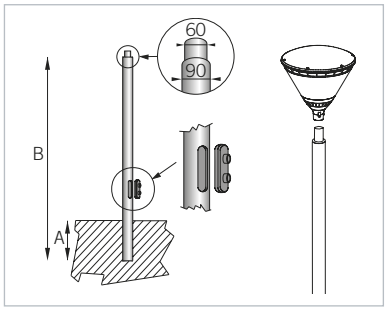
Code		A [cm]	B [cm]	Kg
S7940	●	50	450	36,00
S7941	●	50	500	40,00
S7942	●	50	550	44,00
S7943	●	50	600	47,00

Palo cilindrico Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical Ø 102 mm galvanized steel pole with inspection slit and terminal board with fuse carrier.



Code		A [cm]	B [cm]	Kg
S7946	●	80	680	88,00
S7947	●	80	780	95,00
S7948	●	80	880	103,00
S7949	●	80	980	111,00

Palo cilindrico rastremato con riduzione Ø 60 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier with Ø 60 mm reduction.



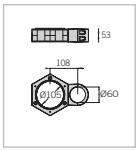
Code		A [cm]	B [cm]	Kg
S7988	●	50	400	22,00
S7984	●	50	450	25,00
S7985	●	50	500	28,00
S7986	●	50	550	30,50
S7987	●	50	600	33,50

Palo cilindrico Ø 90 mm con riduzione Ø 60 mm in acciaio zincato completo di finestra di ispezione e morsettiera con portafusibile.
Cylindrical galvanized steel pole with inspection slit and terminal board with fuse carrier. Ø 90 mm with Ø 60 mm reduction.

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

accessori per palo Ø 102 mm > *Ø 102 mm pole accessories*

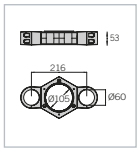
12 ● 16 ● 21 ●

Code		Kg
S7971 (2pcs)	●	1,80



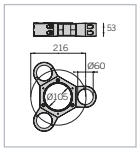
Attacco palo monoposto.
Pole attachment for 1 light fitting.

Code		Kg
S7972 (2pcs)	●	2,33



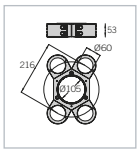
Attacco palo 2 posti.
Pole attachment for 2 light fittings.

Code		Kg
S7973 (2pcs)	●	2,55



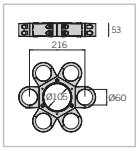
Attacco palo 3 posti.
Pole attachment for 3 light fittings.

Code		Kg
S7974 (2pcs)	●	2,75



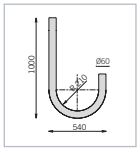
Attacco palo 4 posti.
Pole attachment for 4 light fittings.

Code		Kg
S7976 (2pcs)	●	3,00

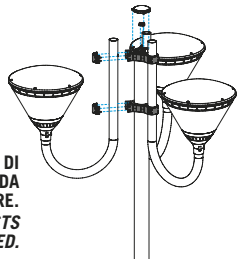


Attacco palo 6 posti.
Pole attachment for 6 light fittings.

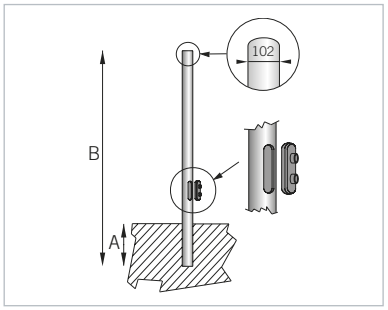


Code		Kg
S7979	●	6,60

Braccio Ø 60 mm.
Ø 60 mm arm.

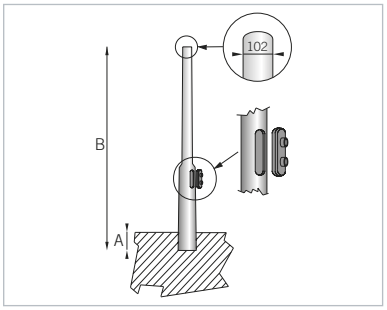


COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.



Code		A [cm]	B [cm]	Kg
S7961	●	50	450	36,00
S7962	●	50	500	40,00
S7963	●	50	550	44,00
S7964	●	50	600	47,00

Palo cilindrico Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Adatto per montaggio bracci.
Cylindrical Ø 102 mm galvanized steel pole with inspection slit and terminal board with fuse carrier.
Suitable for arm mounting.



Code		A [cm]	B [cm]	Kg
S7966	●	80	680	88,00
S7967	●	80	780	95,00
S7968	●	80	880	103,00
S7969	●	80	980	111,00

Palo cilindrico rastremato in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Adatto per montaggio bracci.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier.
Suitable for arm mounting.



ELLIS2

Apparecchio
Corpo in alluminio estruso.
Cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 10mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
Disponibili versioni con lampade tradizionali.

Installazione
Installazione a testa-palo.
Passacavo stagno per entrata singola del cavo di alimentazione.

Luminaire
Extruded aluminium body.
Die-cast aluminium trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Screen made of 10mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Available with conventional lamps.

Installation
Post-top installation.
Waterproof grommet for single cable entry.

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

applicazione singola > *single light fitting*

16 21

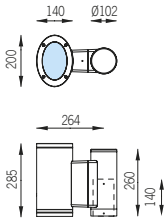


Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio simmetrico > *symmetrical beam*									
T7880	1x **35W MT** G12	●	⏚	3400		●	4200		4,00
T7881	1x **70W MT** G12	●	⏚	6800		●	4200		4,10
fascio asimmetrico > *asymmetrical beam*									
T7884	1x **70W MD** RX7s	●	⏚	6500		●	4200		4,10

G12 **35W MT**
G12 **70W MT**

RX7s **70W MD**

IP65 IK07 0,06 m²



applicazione doppia > *double light fitting*

16 21

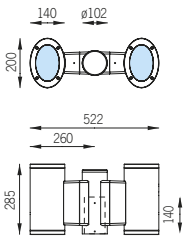


Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio simmetrico > *symmetrical beam*									
T7885	2x **35W MT** G12	●	⏚	2x 3400		●	4200		7,30
T7886	2x **70W MT** G12	●	⏚	2x 6800		●	4200		7,50
fascio asimmetrico > *asymmetrical beam*									
T7889	2x **70W MD** RX7s	●	⏚	2x 6500		●	4200		7,50

G12 **35W MT**
G12 **70W MT**

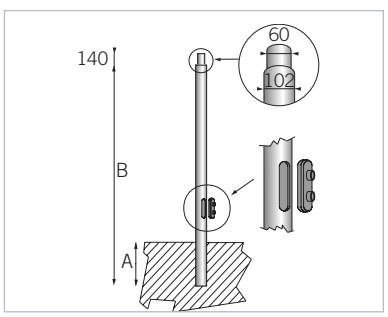
RX7s **70W MD**

IP65 IK07 0,12 m²



accessori > *accessories*

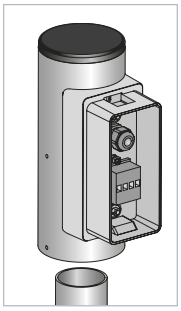
16 21



Code		A [cm]	B [cm]	Kg
T7980	●	50	400	32,00
T7981	●	50	450	36,00
T7982	●	50	500	40,00
T7983	●	30	550	44,00

Palo cilindrico Ø 102 mm con riduzione Ø 60 mm in acciaio zincato completo di finestra di ispezione e morsettiera con portafusibile.
Cylindrical galvanized steel pole with inspection slit and terminal board with fuse carrier. Ø 102 mm with Ø 60 mm reduction.

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.



Per il corretto montaggio degli attacchi palo dell'Ellis2, sono necessari pali Ø 102 mm
con riduzione Ø 60 mm alta 140 mm.
For the proper (correct) installation of the Ellis2 poles attachments, Ø 102 mm poles
with Ø 60 mm and 140 mm high reduction are required.



LESTER

DESIGNER: LORENZO STANO

Apparecchio

Corpo in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio in doppio isolamento su piastra asportabile costruita in materiale termoplastico rinforzato con fibra di vetro.
Sezionatore che disinserisce automaticamente la linea di alimentazione all'apertura del corpo.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-3.

Sorgente

Disponibili versioni con lampade tradizionali.

Installazione

Installazione a testa-palo.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire

Die-cast aluminium body (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Double-insulation wiring assembled on a fibreglass reinforced engineering plastic removable tray.
Knife-switch for automatic power disconnection when opened.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Screen made of 5mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-3.

Source

Available with conventional lamps.

Installation

Post-top installation.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 358-359-360.
Accessories, see page 358-359-360.

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.













L'apertura del vano ottico è facilitata e non necessita dell'utilizzo di utensili.
Visione dell'apparecchio completamente aperto.
The user -friendly opening of the lamp housing doesn't need any tool.
Completely open version.

All'apertura del vano ottico il sezionatore di linea toglie corrente all'apparecchio permettendo così una sicura sostituzione della lampada.
When the lamp housing is opened, the knife switch cuts the current line, allowing the safe replacement of the bulb.



La piastra di cablaggio in doppio isolamento con sezionatore di linea è completamente asportabile.
The double-.insulated wiring base plate is completely removable.





La regolazione del fuoco della lampada rende l'apparecchio adattabile alle varie tipologie di strade, indirizzando il flusso luminoso dove necessario.
The regulation of the focus of the lamp makes the fitting adaptable to the different types of road, aiming the light beam where needed.

applicazione singola > *single light fitting*

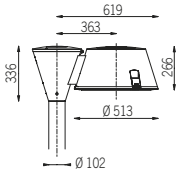
16 21



Code	WATT	CR	CEI	BIP CR	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
T8640	1x **150W CDO-TT** E40	●	●		▣	16500	●	2800	80	14,80
T8641	1x **250W MT** E40	●			▣	20500	●	4500	65	16,20
T8642	1x **400W MT** E40	●			▣	32000	●	4500	65	17,20
T8643	1x **150W ST** E40	●	●		▣	17500	●	2000		14,80
T8644	1x **250W ST** E40	●		●	▣	32000	●	2000		16,20
T8645	1x **400W ST** E40	●		●	▣	55000	●	2000		17,65

E40 **150W CDO-TT** — E40 **250W MT** E40 **400W MT** — E40 **150W ST** E40 **250W ST** E40 **400W ST**

IP66 IK08 0,19 m²



applicazione doppia > *double light fitting*

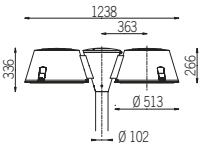
16 21



Code	WATT	CR	CEI	BIP CR	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
T8650	2x **150W CDO-TT** E40	●	●		▣	2x 16500	●	2800	80	25,40
T8651	2x **250W MT** E40	●			▣	2x 20500	●	4500	65	28,20
T8653	2x **150W ST** E40	●	●		▣	2x 17500	●	2000		25,40
T8654	2x **250W ST** E40	●		●	▣	2x 32000	●	4500		28,40

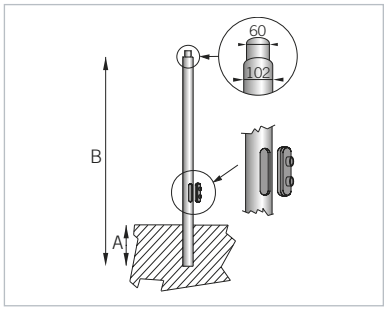
E40 **150W CDO-TT** — E40 **250W MT** — E40 **150W ST** E40 **250W ST**

IP66 IK08 0,30 m²



accessori > *accessories*

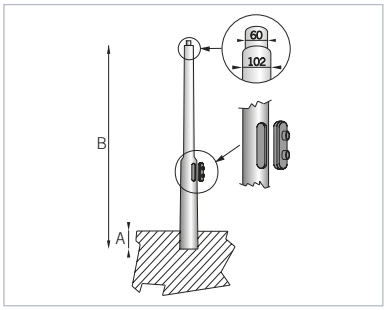
16 21



Code		A [cm]	B [cm]	Kg
S7940	●	50	450	36,00
S7941	●	50	500	40,00
S7942	●	50	550	44,00
S7943	●	50	600	47,00

Palo cilindrico Ø 102 mm con riduzione Ø 60 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.

Cylindrical Ø 102 mm galvanized steel pole with inspection slit and terminal board with fuse carrier with Ø 60 mm reduction.

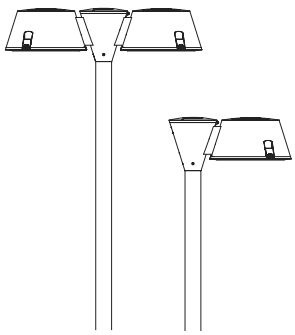


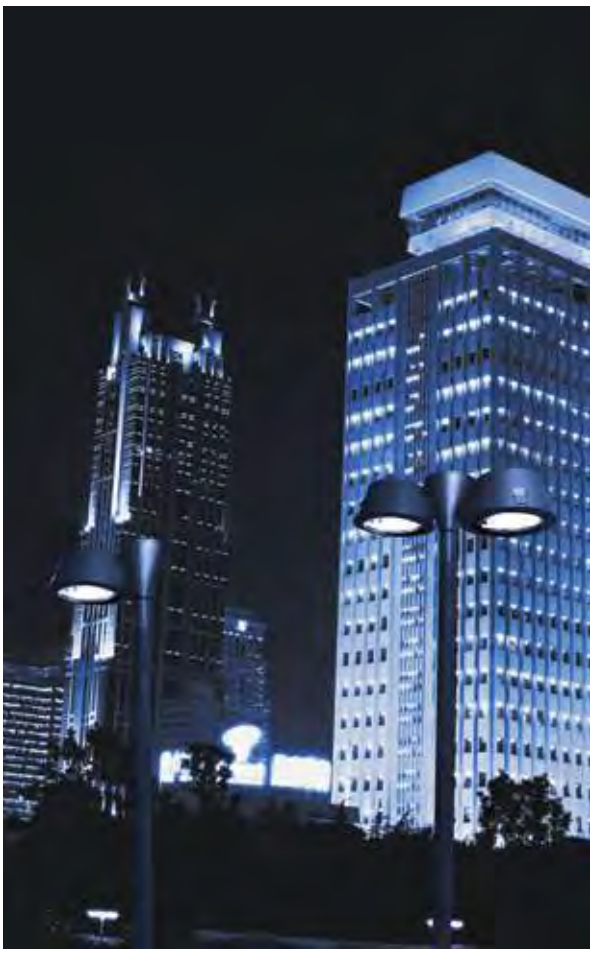
Code		A [cm]	B [cm]	Kg
S7946	●	80	680	88,00
S7947	●	80	780	95,00
S7948	●	80	880	103,00
S7949	●	80	980	111,00

Palo cilindrico rastremato con riduzione Ø 60 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.

Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier with Ø 60 mm reduction.

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.







applicazione singola > *single light fitting*

16 21

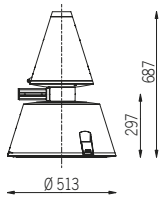
Code	WATT	CR	CEI	BIP CR	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
T8660	1x **150W CDO-TT** E40	●	●		▣	16500	●	2800	80	15,20
T8661	1x **250W MT** E40	●			▣	20500	●	4500	65	16,60
T8662	1x **400W MT** E40	●			▣	32000	●	4500	65	17,60
T8663	1x **150W ST** E40	●	●		▣	17500	●	2000		15,20
T8664	1x **250W ST** E40	●		●	▣	32000	●	2000		16,60
T8665	1x **400W ST** E40	●		●	▣	55000	●	2000		18,05

E40 **150W CDO-TT**

E40 **250W MT**
E40 **400W MT**

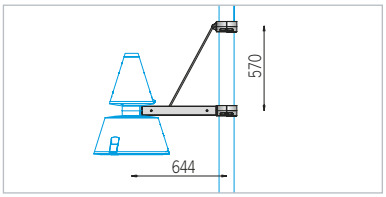
E40 **150W ST**
E40 **250W ST**
E40 **400W ST**





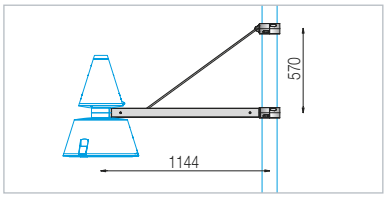
accessori per palo Ø 102 mm > *Ø 102 mm pole accessories*

16 21



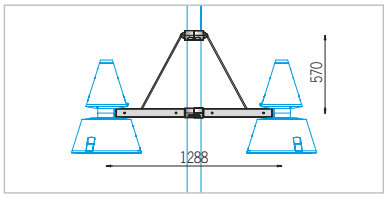
Code		Kg
T8690	●	6,50

Attacco palo monoposto.
Pole attachment for 1 light fitting.



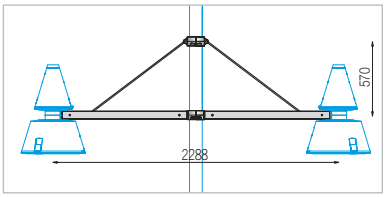
Code		Kg
T8691	●	9,00

Attacco palo monoposto.
Pole attachment for 1 light fitting.



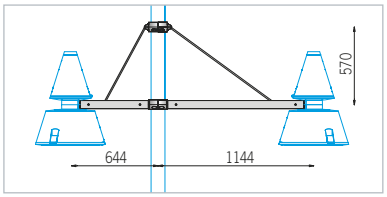
Code		Kg
T8692	●	10,00

Attacco palo 2 posti.
Pole attachment for 2 light fittings.



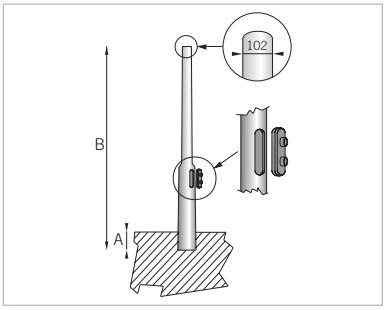
Code		Kg
T8693	●	15,00

Attacco palo 2 posti.
Pole attachment for 2 light fittings.



Code		Kg
T8694	●	12,50

Attacco palo 2 posti.
Pole attachment for 2 light fittings.



Palo cilindrico rastremato Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier Ø 102 mm.

Code		A [cm]	B [cm]	Kg
S7966	●	80	680	88,00
S7967	●	80	780	95,00
S7968	●	80	880	103,00
S7969	●	80	980	111,00

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.





applicazione singola > *single light fitting*

16 21

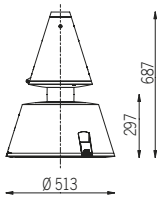
Code	WATT	CR	CEI	BIP CR	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg
T8670	1x **150W CDO-TT** E40	●	●		▣	16500	●	2800		14,70
T8671	1x **250W MT** E40	●			▣	20500	●	4500		16,10
T8672	1x **400W MT** E40	●			▣	32000	●	4500		17,10
T8673	1x **150W ST** E40	●	●		▣	17500	●	2000		14,70
T8674	1x **250W ST** E40	●		●	▣	32000	●	2000		16,10
T8675	1x **400W ST** E40	●		●	▣	55000	●	2000		17,55

E40 **150W CDO-TT**

E40 **250W MT**
E40 **400W MT**

E40 **150W ST**
E40 **250W ST**
E40 **400W ST**

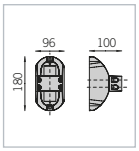
IP66 IK08 0,19 m²



accessori per palo Ø 102 mm > *Ø 102 mm pole accessories*

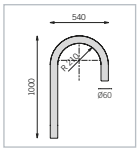
16 21





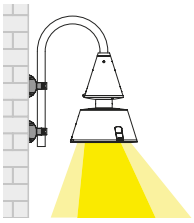
Code		Kg
S7970 (2pcs)	●	0,86

Basetta a parete per braccio Ø 60 mm.
Wall bracket for Ø 60 mm arm.

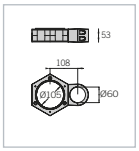


Code		Kg
T8699	●	7,10

Braccio Ø 60 mm.
Ø 60 mm arm.



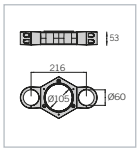




Code		Kg
T7971 (2pcs)	●	1,80

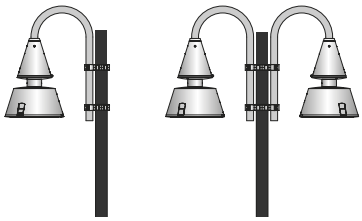
Attacco palo monoposto.
Pole attachment for 1 light fitting.

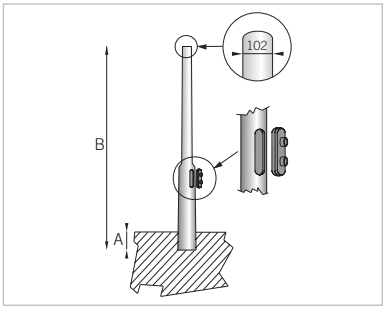




Code		Kg
T7972 (2pcs)	●	2,33

Attacco palo 2 posti.
Pole attachment for 2 light fittings.





Palo cilindrico rastremato in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Adatto per montaggio bracci.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier.
Suitable for arm mounting.

Code		A [cm]	B [cm]	Kg
S7966	●	80	680	88,00
S7967	●	80	780	95,00
S7968	●	80	880	103,00
S7969	●	80	980	111,00

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.





PANTHEON1

Apparecchio
Corpo e cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio in doppio isolamento su piastra asportabile costruita in acciaio zincato.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Gonio graduato per puntamento.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
Disponibili versioni con lampade tradizionali.

Installazione
Doppio pressacavo M20 per collegamento in cascata.
Staffa di sostegno in acciaio zincato e verniciato.

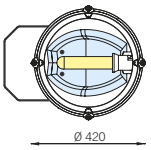
Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body and trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Double-insulation wiring on removable galvanized steel tray.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Goniometer scale to aim light.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Available with conventional lamps.

Installation
Double M20 cable gland for through wiring.
Galvanized and painted steel support bracket.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".



APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.

applicazione singola > *single light fitting*

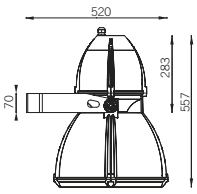
21



Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
T8630	1x **150W MC** E27	●		12500		●	4000	80	14,00
T8631	1x **250W MT** E40	●		20500		●	4500	65	15,50
T8632	1x **150W ST** E40	●		17500		●	2000		14,00
T8633	1x **250W ST** E40	●		32000		●	2000		15,50

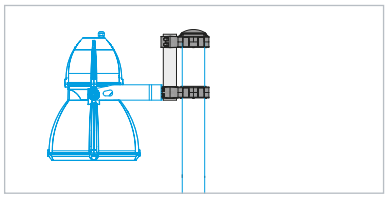
E27 **150W MC** E40 **250W MT** E40 **150W ST** E40 **250W ST**

IP67 IK08 0,15 m²



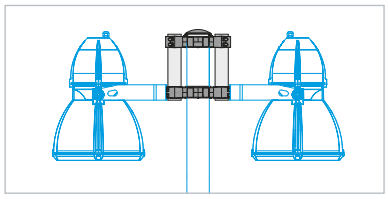
accessori per palo Ø 102 mm > *Ø 102 mm pole accessories*

16



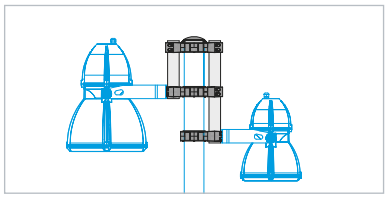
Code		Kg
T8490	●	3,00

Attacco palo monoposto.
Pole attachment for 1 light fitting.



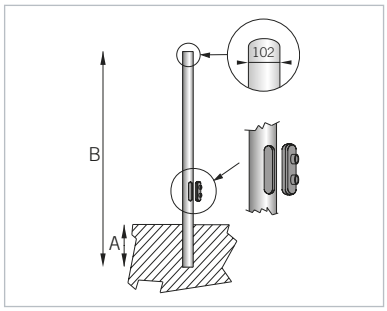
Code		Kg
T8491	●	5,00

Attacco palo 2 posti.
Pole attachment for 2 light fittings.



Code		Kg
T8492	●	6,20

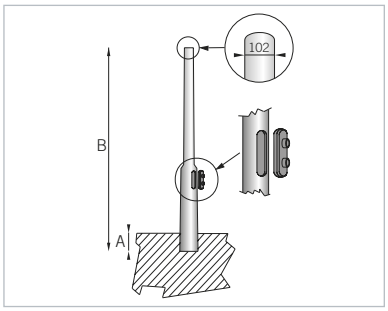
Attacco palo 2 posti.
Pole attachment for 2 light fittings.



Palo cilindrico Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical Ø 102 mm galvanized steel pole with inspection slit and terminal board with fuse carrier.

Code		A [cm]	B [cm]	Kg
S7961	●	50	450	36,00
S7962	●	50	500	40,00
S7963	●	50	550	44,00
S7964	●	50	600	47,00

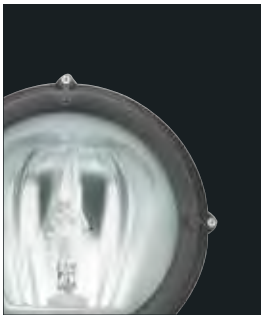
COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.



Palo cilindrico rastremato Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier Ø 102 mm.

Code		A [cm]	B [cm]	Kg
S7966	●	80	680	88,00
S7967	●	80	780	95,00
S7968	●	80	880	103,00
S7969	●	80	980	111,00

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.



PANTHEON2

Apparecchio
Corpo e cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio in doppio isolamento su piastra asportabile costruita in acciaio zincato.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Gonio graduato per puntamento.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
Disponibili versioni con lampade tradizionali.

Installazione
Doppio pressacavo M20 per collegamento in cascata.
Staffa di sostegno in acciaio zincato e verniciato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

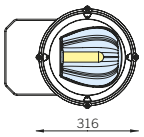
Luminaire
Die-cast aluminium body and trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Double-insulation wiring on removable galvanized steel tray.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Goniometer scale to aim light.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Available with conventional lamps.

Installation
Double M20 cable gland for through wiring.
Galvanized and painted steel support bracket.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
NO LIGHT POLLUTION FITTING.



applicazione singola > *single light fitting*

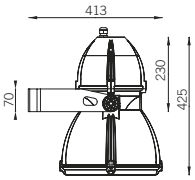
21



Code	WATT	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
T8621	1x **70W MC** E27	●	●	⧈	5500		●	4000	80	10,50
T8622	1x **100W MC** E27	●		⧈	8400		●	4000	80	10,50
T8623	1x **70W SE** E27	●	●	⧈	6300		●	2000		10,50
T8624	1x **70W ST** E27	●		⧈	6600		●	2000		10,50

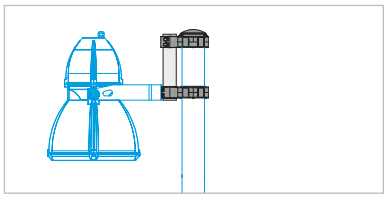
E27 **70W MC**
E27 **100W MC**
E27 **70W SE**
E27 **70W ST**

IP67 IK08 0,09 m²



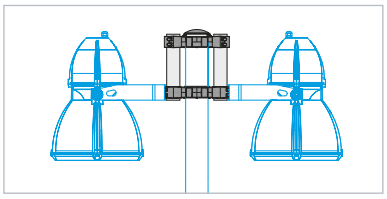
accessori per palo Ø 102 mm > *Ø 102 mm pole accessories*

16



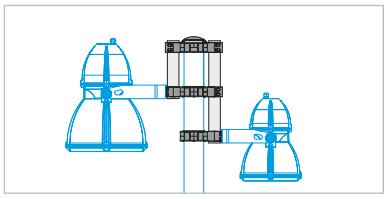
Code		Kg
T8490	●	3,00

Attacco palo monoposto.
Pole attachment for 1 light fitting.



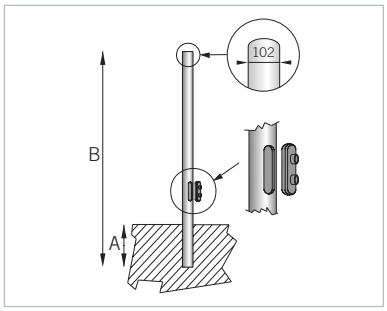
Code		Kg
T8491	●	5,00

Attacco palo 2 posti.
Pole attachment for 2 light fittings.



Code		Kg
T8492	●	6,20

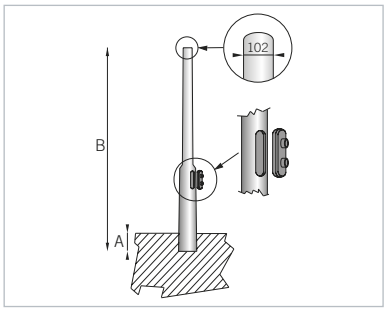
Attacco palo 2 posti.
Pole attachment for 2 light fittings.



Palo cilindrico Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical Ø 102 mm galvanized steel pole with inspection slit and terminal board with fuse carrier.

Code		A [cm]	B [cm]	Kg
S7961	●	50	450	36,00
S7962	●	50	500	40,00
S7963	●	50	550	44,00
S7964	●	50	600	47,00

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

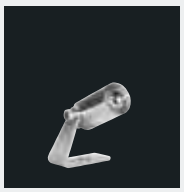


Palo cilindrico rastremato Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier Ø 102 mm.

Code		A [cm]	B [cm]	Kg
S7966	●	80	680	88,00
S7967	●	80	780	95,00
S7968	●	80	880	103,00
S7969	●	80	980	111,00

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.

PROIETTORI PER ESTERNO
OUTDOOR FLOODLIGHTS



354
TITO25
TITO25 SPIKE



366
TITO55
TITO55 SPIKE



368
LANDSPIKE



369
DUEDIECI
DUEDIECI SPIKE



371
DUEVENTI



373
PANTHEON1



374
PANTHEON2 LED
PANTHEON2



376
MOTO



381
NADIR



384
DELPHILED



387
ECOLED



389
LUXOR



TITO25 • TITO25 SPIKE

Apparecchio
Corpo e cornice in acciaio inox AISI 316L.
Guarnizioni in gomma siliconica.
Lenti LED in PMMA.
Schermo in PMMA trasparente.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
LED con efficienza nominale sino a 118lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Possibilità di installazione con picchetto.
Pressacavo M12 in acciaio inox AISI 316L.
Picchetto in acciaio inox AISI 316L.
Picchetto in tecnopolimero.
Staffa di sostegno in acciaio inox AISI 316L.
Fornito completo di cavo d'alimentazione (3m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
APPARECCHI IN ACCIAIO INOX AISI 316L ADATTI ALLA SOMMERSIONE, PROFONDITA' 1m.

Luminaire
AISI 316L stainless steel body and trim.
Silicone rubber gaskets.
PMMA lenses for LEDs.
Clear PMMA screen.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Nominal LED efficacy up to 118lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Possibility for spike installation.
M12 AISI 316L stainless steel cable gland.
AISI 316L stainless steel peg.
Engineering plastic peg.
AISI 316L stainless steel support bracket.
Supplied with power cable (3m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
AISI 316L STAINLESS STEEL FIXTURES SUITABLE FOR SUBMERGED INSTALLATIONS AT A MAXIMUM DEPTH OF 1m.

Accessori, vedi pag. 365.
Accessories, see page 365.

CORRETTO ORIENTAMENTO DEGLI APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
CORRECT FIXTURE ORIENTATION TO LIMIT LIGHT POLLUTION.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

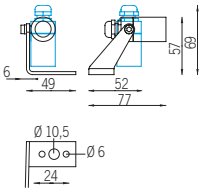
TITO25 • corpo in acciaio inox AISI 316L > *AISI 316L stainless steel body*

30



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
W8360	2W LED	●		220	180	●	3000	80	0,50
W8361	2W LED	●		240	200	●	4000	80	0,50
W8362	2W LED	●		240	200	●	5000	80	0,50
fascio diffondente > *wide beam*									
W8363	2W LED	●		220	150	●	3000	80	0,50
W8364	2W LED	●		240	170	●	4000	80	0,50
W8365	2W LED	●		240	170	●	5000	80	0,50
fascio ellittico > *elliptical beam*									
W8366	2W LED	●		220	160	●	3000	80	0,50
W8367	2W LED	●		240	180	●	4000	80	0,50
W8368	2W LED	●		240	180	●	5000	80	0,50

22° · 41° · 43° x 26°



LED 700mA

Driver LED da ordinare separatamente, vedi pag. 365.
LED driver to be ordered separately, see page 365.

IP68 · IK10 · 0,01 m²

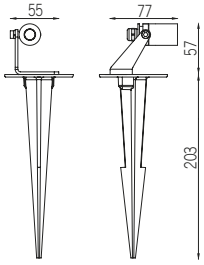
TITO25 SPIKE • corpo in acciaio inox AISI 316L > *AISI 316L stainless steel body*

30



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
W8350	2W LED	●		220	180	●	3000	80	0,58
W8351	2W LED	●		240	200	●	4000	80	0,58
W8352	2W LED	●		240	200	●	5000	80	0,58
fascio diffondente > *wide beam*									
W8353	2W LED	●		220	150	●	3000	80	0,58
W8354	2W LED	●		240	170	●	4000	80	0,58
W8355	2W LED	●		240	170	●	5000	80	0,58
fascio ellittico > *elliptical beam*									
W8356	2W LED	●		220	160	●	3000	80	0,58
W8357	2W LED	●		240	180	●	4000	80	0,58
W8358	2W LED	●		240	180	●	5000	80	0,58

22° · 41° · 43° x 26°



Picchetto in tecnopolimero.
Engineering plastic peg.

LED 700mA

Driver LED da ordinare separatamente, vedi pag. 365.
LED driver to be ordered separately, see page 365.

IP68 · IK10 · 0,01 m²

driver LED a corrente costante: 700mA > *constant current LED driver: 700mA*

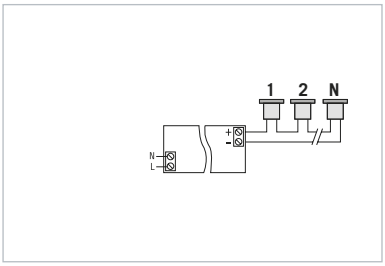
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																
			W8350	W8351	W8352	W8353	W8354	W8355	W8356	W8357	W8358	W8360	W8361	W8362	W8363	W8364	W8365	W8366	W8367	W8368
DRIVER IP20																				
H7958 CEI	700	16	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
H7954 CEI	700	50	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
H7952 DALI	700	32	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
H7954 DALI	700	50	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
H7952 DIMM	700	25	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
H7954 DIMM	700	50	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
DRIVER IP67																				
H7963 CEI	700	16	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
H7963 DALI	700	50	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
H7963 DIMM	700	50	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*





Code	mA	WATT	CEI				Kg
DRIVER IP20							
H7958 CEI	700	16	●				0,11
H7954 CEI	700	50	●				0,15
DRIVER IP67							
H7963 CEI	700	16	●				0,50

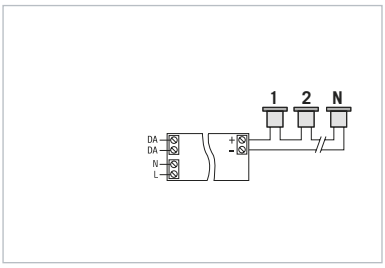






Code	mA	WATT	DALI				Kg
DRIVER IP20							
H7952 DALI	700	32	●				0,13
H7954 DALI	700	50	●				0,15
DRIVER IP67							
H7963 DALI	700	50	●				0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

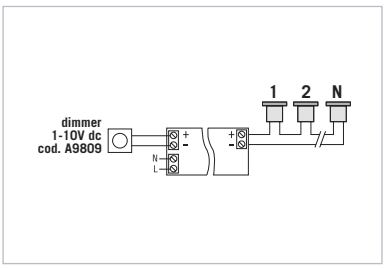




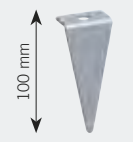


Code	mA	WATT	DIMM				Kg
DRIVER IP20							
H7952 DIMM	700	25	●				0,11
H7954 DIMM	700	50	●				0,15
DRIVER IP67							
H7963 DIMM	700	50	●				0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



accessori > *accessories*





Code		Kg
W9070	●	0,80

Picchetto in acciaio inox AISI 316L.
AISI 316L stainless steel peg.





TITO55 • TITO55 SPIKE

Apparecchio
Corpo e cornice in acciaio inox AISI 316L.
Guarnizioni in gomma siliconica.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
LED con efficienza nominale sino a 131lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Possibilità di installazione con picchetto.
Pressacavo M16 in acciaio inox AISI 316L.
Picchetto in tecnopolimero.
Staffa di sostegno in acciaio inox AISI 316L.
Fornito completo di cavo d'alimentazione (3m).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
APPARECCHI IN ACCIAIO INOX AISI 316L ADATTI ALLA SOMMERSIONE, PROFONDITA' 1m.

Luminaire
AISI 316L stainless steel body and trim.
Silicone rubber gaskets.
PMMA lenses for LEDs.
Screen made of 5mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Nominal LED efficacy up to 131lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Possibility for spike installation..
M16 AISI 316L stainless steel cable gland.
Engineering plastic peg.
AISI 316L stainless steel support bracket.
Supplied with power cable (3m).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
AISI 316L STAINLESS STEEL FIXTURES SUITABLE FOR SUBMERGED INSTALLATIONS AT A MAXIMUM DEPTH OF 1m.

Accessori, vedi pag. 367.
Accessories, see page 367.

CORRETTO ORIENTAMENTO DEGLI APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
CORRECT FIXTURE ORIENTATION TO LIMIT LIGHT POLLUTION.

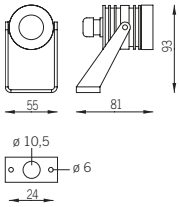
Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



TITO55 • corpo in acciaio inox AISI 316L > *AISI 316L stainless steel body* 30

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
W8385	4W LED	●		520	370	●	3000	70	0,80
W8379	4W LED	●		560	390	●	4000	70	0,80
W8373	4W LED	●		560	390	●	5000	70	0,80
fascio diffondente > *wide beam*									
W8386	4W LED	●		520	310	●	3000	70	0,80
W8380	4W LED	●		560	320	●	4000	70	0,80
W8374	4W LED	●		560	320	●	5000	70	0,80
Z7341	3W LED RGB	●				●			0,80
fascio ellittico > *elliptical beam*									
W8387	4W LED	●		520	340	●	3000	70	0,80
W8381	4W LED	●		560	370	●	4000	70	0,80
W8375	4W LED	●		560	370	●	5000	70	0,80

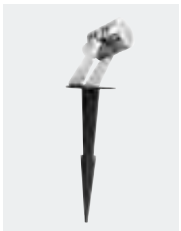
25° · 47° · 43° x 27°



LED 350mA

Driver LED da ordinare separatamente, vedi pag. 367.
LED driver to be ordered separately, see page 367.

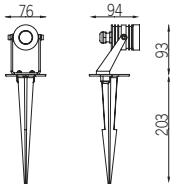
IP68 · IK08 · 0,01 m²



TITO55 SPIKE • corpo in acciaio inox AISI 316L > *AISI 316L stainless steel body* 30

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
W8390	4W LED	●		520	370	●	3000	70	0,88
W8391	4W LED	●		560	390	●	4000	70	0,88
W8392	4W LED	●		560	390	●	5000	70	0,88
fascio diffondente > *wide beam*									
W8393	4W LED	●		520	310	●	3000	70	0,88
W8394	4W LED	●		560	320	●	4000	70	0,88
W8395	4W LED	●		560	320	●	5000	70	0,88
Z7342	3W LED RGB	●				●			0,80
fascio ellittico > *elliptical beam*									
W8396	4W LED	●		520	340	●	3000	70	0,88
W8397	4W LED	●		560	370	●	4000	70	0,88
W8398	4W LED	●		560	370	●	5000	70	0,88

25° · 47° · 43° x 27°



Picchetto in tecnopolimero.
Engineering plastic peg.

LED 350mA

Driver LED da ordinare separatamente, vedi pag. 367.
LED driver to be ordered separately, see page 367.

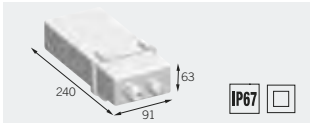
IP68 · IK08 · 0,01 m²

driver LED a corrente costante: 350mA > *constant current LED driver: 350mA*

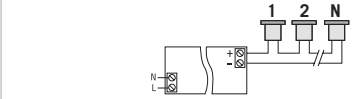
Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																
			W8373	W8374	W8375	W8379	W8380	W8381	W8385	W8386	W8387	W8390	W8391	W8392	W8393	W8394	W8395	W8396	W8397	W8398
DRIVER IP20																				
H7951 CEI	350	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
H7954 CEI	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
H7952 DALI	350	15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7955 DALI	350	40	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
H7952 DIMM	350	15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
H7955 DIMM	350	40	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
DRIVER IP67																				
H7961 CEI	350	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
H7961 DALI	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
H7961 DIMM	350	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
			Z7341																	
Z7791-40 DMX	350	25	6																	

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*

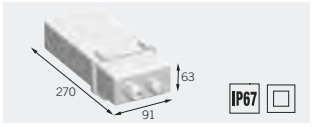




Code	mA	WATT	CEI	Kg
DRIVER IP20				
H7951 CEI	350	20	●	0,11
H7954 CEI	350	25	●	0,15
DRIVER IP67				
H7961 CEI	350	20	●	0,50

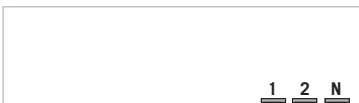




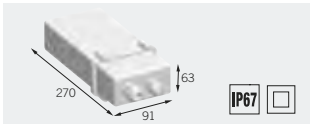


Code	mA	WATT	DALI	Kg
DRIVER IP20				
H7952 DALI	350	15	●	0,13
H7955 DALI	350	40	●	0,15
DRIVER IP67				
H7961 DALI	350	25	●	0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



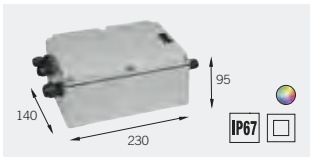




Code	mA	WATT	DIMM	Kg
DRIVER IP20				
H7952 DIMM	350	15	●	0,11
H7955 DIMM	350	40	●	0,21
DRIVER IP67				
H7961 DIMM	350	25	●	0,50

Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.

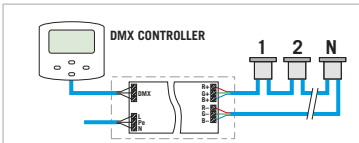




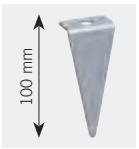
Code	mA	WATT	DMX	Kg
Z7791-40 DMX	350	3x6	●	1,00

Driver LED **RGB**

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".



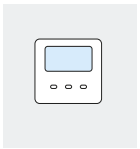
accessori > *accessories*





Code		Kg
W9070	●	0,80

Picchetto in acciaio inox AISI 316L.
AISI 316L stainless steel peg.



Code		Kg
Z7790-21	●	0,75

DMX Controller

La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).



Code		Kg
Z7790-23	on request	0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.



LANDSPIKE

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Lenti LED in PMMA.
Schermo in vetro temperato di spessore 6mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-1.

Sorgente
LED con efficienza nominale sino a 133lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione con picchetto.
Passacavo M16.
Picchetto in tecnopolimero.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
PMMA lenses for LEDs.
Screen made of 6mm thermal-shock resistant tempered glass.
It complies with standards EN 60598-1 and EN 60598-2-1.

Source
Nominal LED efficacy up to 133lumen/Watt (4000K - 350mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Spike installation.
Waterproof grommet for single cable entry.
M16 cable gland.
Engineering plastic peg.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.



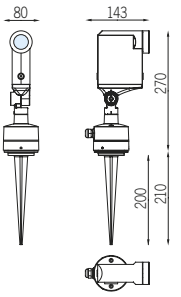




11 16 21 23



Code	WATT	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
W8630	8W LED	●	⏚	850	570	●	3000	70	1,25
W8631	8W LED	●	⏚	910	610	●	4000	70	1,25
W8632	8W LED	●	⏚	910	610	●	5000	70	1,25
fascio medio > *medium beam*									
W8633	8W LED	●	⏚	850	520	●	3000	70	1,25
W8634	8W LED	●	⏚	910	560	●	4000	70	1,25
W8635	8W LED	●	⏚	910	560	●	5000	70	1,25
fascio diffondente > *wide beam*									
W8636	8W LED	●	⏚	850	480	●	3000	70	1,25
W8637	8W LED	●	⏚	910	520	●	4000	70	1,25
W8638	8W LED	●	⏚	910	520	●	5000	70	1,25
fascio ellittico > *elliptical beam*									
W8640	8W LED	●	⏚	850	540	●	3000	70	1,25
W8641	8W LED	●	⏚	910	580	●	4000	70	1,25
W8642	8W LED	●	⏚	910	580	●	5000	70	1,25



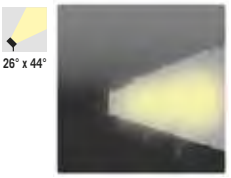
25°
47°
94°
26° x 44°

LED

Driver LED incluso.
LED driver included.

IP66 IK07 0,02 m²





DUEDIECI • DUEDIECI SPIKE

Apparecchio
Corpo e cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio su piastra asportabile in acciaio zincato.
Driver protetto alle sovra-tensioni di rete.
Riflettori in policarbonato metallizzato ad alto vuoto.
Schermo in vetro temperato di spessore 8mm resistente agli shock termici.
Gonio graduato per puntamento.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
LED con efficienza nominale sino a 124lumen/Watt (4000K - 500mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Installazione con picchetto.
Passacavo stagno per entrata singola del cavo di alimentazione.
Picchetto in tecnopolimero.
Basetta di fissaggio in alluminio pressofuso (EN 47100).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body and trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Wiring on removable galvanized steel tray.
Driver protected against voltage surges.
Reflector made of engineering plastic metalized in high-vacuum.
Screen made of 8mm thermal-shock resistant tempered glass.
Goniometer scale to aim light.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Nominal LED efficacy up to 124lumen/Watt (4000K - 500mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Spike installation.
Waterproof grommet for single cable entry.
Engineering plastic peg.
Die-cast aluminium base plate (EN 47100).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 370.
Accessories, see page 370.

CORRETTO ORIENTAMENTO DEGLI APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
CORRECT FIXTURE ORIENTATION TO LIMIT LIGHT POLLUTION.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

DUEDIECI

16 21



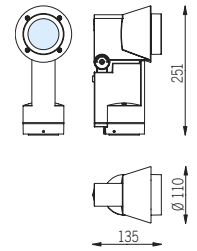
Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*										
W8550	**13W LED**				1000	700		3000	80	1,65
W8551	**13W LED**				1300	900		4000	80	1,65
W8552	**13W LED**				1500	1100		5000	80	1,65
fascio medio > *medium beam*										
W8553	**13W LED**				1000	650		3000	80	1,65
W8554	**13W LED**				1300	850		4000	80	1,65
W8508	**13W LED**				1500	1000		5000	80	1,65

17° 24°

LED

Driver LED incluso.
LED driver included.

IP66 IK09 0,04 m²



DUEDIECI

16 21



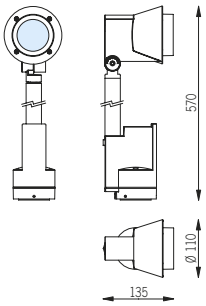
Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*										
W8580	**13W LED**				1000	700		3000	80	2,00
W8581	**13W LED**				1300	900		4000	80	2,00
W8582	**13W LED**				1500	1100		5000	80	2,00
fascio medio > *medium beam*										
W8583	**13W LED**				1000	650		3000	80	2,00
W8584	**13W LED**				1300	850		4000	80	2,00
W8528	**13W LED**				1500	1000		5000	80	2,00

17° 24°

LED

Driver LED incluso.
LED driver included.

IP66 IK09 0,05 m²



DUEDIECI

16 21

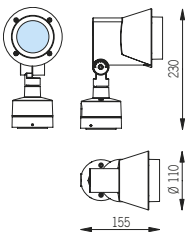


Code	WATT	SC	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*										
W8506	1x **7W LED** GU10				350			3000	80	1,05
W8507	1x **7W LED** GU10				350			4000	80	1,05

36°

GU10 **7W LED**
230Vac

IP66 IK09 0,03 m²



DUEDIECI

16 21

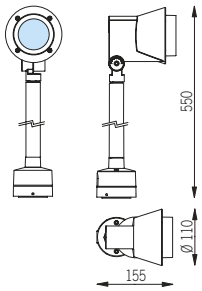


Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*									
W8526	1x **7W LED** GU10	●		350		●	3000		1,40
W8527	1x **7W LED** GU10	●		350		●	4000		1,40

36°

GU10 **7W LED** **230Vac**

IP66 IK09 0,04 m²



DUEDIECI SPIKE

16 21



Altri colori LED disponibili su richiesta.
Different LED colours available on request.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*									
W8590	**13W LED**	●		1000	700	●	3000	90	1,10
W8591	**13W LED**	●		1300	900	●	4000	80	1,10
W8592	**13W LED**	●		1500	1100	●	5000	70	1,10
fascio medio > *medium beam*									
W8593	**13W LED**	●		1000	650	●	3000	90	1,10
W8594	**13W LED**	●		1300	850	●	4000	80	1,10
W8595	**13W LED**	●		1500	1000	●	5000	70	1,10

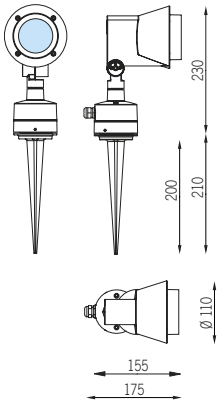
17°

24°

LED **350mA**

Driver LED da ordinare separatamente, vedi pag. 370.
LED driver to be ordered separately, see page 370.

IP66 IK09 0,05 m²



Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio medio > *medium beam*									
W8556	1x **7W LED** GU10	●		350		●	3000	80	1,10
W8557	1x **7W LED** GU10	●		350		●	4000	80	1,10

36°

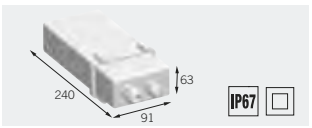
GU10 **7W LED** **230Vac**

IP66 IK09 0,05 m²

driver LED a corrente costante: 350mA > *constant current LED driver: 350mA*

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*					
			W8590	**W8591**	**W8592**	**W8593**	**W8594**	**W8595**
DRIVER IP67								
H7961 CEI	350	20	1	1	1	1	1	1
H7961 DALI	350	25	1	1	1	1	1	1
H7961 DIMM	350	25	1	1	1	1	1	1

Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Code	mA	WATT	CEI	DALI	DIMM	Kg
DRIVER IP20						
H7961 CEI	350	20	●			0,50
H7961 DALI	350	25		●		0,50
H7961 DIMM	350	20			●	0,50

accessori > *accessories*

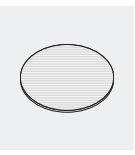
12



Code		Kg
W9500-12	●	0,02

Visiera inclinata.
Sloped visor.

ADATTO PER CODICI
SUITABLE FOR CODE
W8505 - W8525



Code		Kg
W9504	●	0,01

Lente per fascio ellissoidale.
Lens for elliptic beam.



Code		Kg
W9505-12	●	0,02

Frangiluce.
Louvre.



DUEVENTI

Apparecchio
Corpo e cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio su piastra asportabile in acciaio zincato.
Sezionatore che disinserisce automaticamente la linea di alimentazione all'apertura del corpo.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 8mm resistente agli shock termici.
Gonio graduato per puntamento.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
LED con efficienza nominale sino a 118lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Doppio passacavo stagno per collegamento in cascata.
Basetta di fissaggio in alluminio pressofuso (EN 47100).

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body and trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Wiring on removable galvanized steel tray.
Knife-switch for automatic power disconnection when opened.
Driver protected against voltage surges up to 4kV.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Screen made of 8mm thermal-shock resistant tempered glass.
Goniometer scale to aim light.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Nominal LED efficacy up to 118lumen/Watt (4000K - 700mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
Double waterproof grommet for through wiring.
Die-cast aluminium base plate (EN 47100).

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 372.
Accessories, see page 372.

CORRETTO ORIENTAMENTO DEGLI APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
CORRECT FIXTURE ORIENTATION TO LIMIT LIGHT POLLUTION.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



16 21

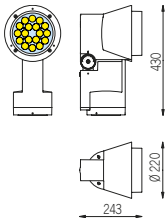
Code	WATT	CEI	DIMM	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
W8540	**45W LED**	●	●		⏚	3950	2550	●	3000	80	7,89
W8546	**45W LED**	●	●		⏚	4300	2800	●	4000	80	7,89
W8543	**45W LED**	●	●		⏚	4300	2800	●	5000	80	7,89
Z8510	**18W LED RGB**			●	⏚			●			7,89
fascio medio > *medium beam*											
W8541	**45W LED**	●	●		⏚	3950	2400	●	3000	80	7,89
W8547	**45W LED**	●	●		⏚	4300	2650	●	4000	80	7,89
W8544	**45W LED**	●	●		⏚	4300	2650	●	5000	80	7,89
Z8511	**18W LED RGB**			●	⏚			●			7,89
fascio ellittico > *elliptical beam*											
W8542	**45W LED**	●	●		⏚	3950	1800	●	3000	80	7,89
W8548	**45W LED**	●	●		⏚	4300	1950	●	4000	80	7,89
W8545	**45W LED**	●	●		⏚	4300	1950	●	5000	80	7,89
Z8512	**18W LED RGB**			●	⏚			●			7,89

16° | 36° | 12° x 46°

LED

Driver LED incluso.
DMX controller da ordinare separatamente, vedi pag. 372.
LED driver included.
DMX controller to be ordered separately, see page 372.

IP66 IK10 0,08 m²





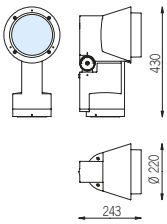
16 21

Code	WATT	CR	CEI	DIMM	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio concentrante > *narrow beam*												
W8510	1x **35W MT** G12	●	●			⏚	3400		●	4200	90	4,72
W8511	1x **70W MT** G12	●	●			⏚	6800		●	4200	90	4,72
W8512	1x **150W MT** G12	●	●			⏚	14700		●	4200	90	5,12
fascio diffondente > *wide beam*												
W8513	1x **35W MT** G12	●	●			⏚	3400		●	4200	90	4,72
W8514	1x **70W MT** G12	●	●			⏚	6800		●	4200	90	4,72
W8515	1x **150W MT** G12	●	●			⏚	14700		●	4200	90	5,12

8° | 41°

G12 **35W MT**
G12 **70W MT**
G12 **150W MT**

IP66 IK10 0,08 m²





Regolazione del fascio.
Beam regulation.



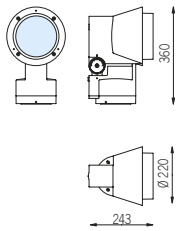
16 21

Code	WATT	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio concentrante > *narrow beam*										
W8560	1x **35W MT** G12	●			3400		●	4200	90	4,39
W8561	1x **70W MT** G12	●			6800		●	4200	90	4,39
fascio medio > *medium beam*										
W8516	1x **35W MT** G12	●			3400		●	4200	90	4,39
W8517	1x **70W MT** G12	●			6800		●	4200	90	4,39

8° 23°

G12 **35W MT**
G12 **70W MT**

IP66 IK10 0,07 m²







Regolazione del fascio.
Beam regulation.

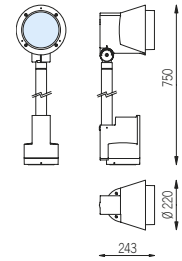
16 21

Code	WATT	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio concentrante > *narrow beam*										
W8530	1x **35W MT** G12	●	●		3400		●	4200	90	6,20
W8531	1x **70W MT** G12	●	●		6800		●	4200	90	6,20
W8532	1x **150W MT** G12	●	●		14700		●	4200	90	6,60
fascio diffondente > *wide beam*										
W8533	1x **35W MT** G12	●	●		3400		●	4200	90	6,20
W8534	1x **70W MT** G12	●	●		6800		●	4200	90	6,20
W8535	1x **150W MT** G12	●	●		14700		●	4200	90	6,60

8° 41°

G12 **35W MT**
G12 **70W MT**
G12 **150W MT**

IP66 IK10 0,09 m²



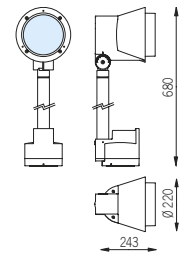
16 21

Code	WATT	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio concentrante > *narrow beam*										
W8570	1x **35W MT** G12	●			3400		●	4200	90	5,87
W8571	1x **70W MT** G12	●			6800		●	4200	90	5,87
fascio medio > *medium beam*										
W8573	1x **35W MT** G12	●			3400		●	4200	90	5,87
W8574	1x **70W MT** G12	●			6800		●	4200	90	5,87

8° 23°

G12 **35W MT**
G12 **70W MT**

IP66 IK10 0,08 m²



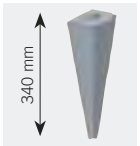
accessori > *accessories*

12



Visiera inclinata.
Sloped visor.

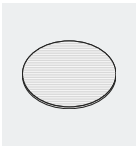
Code		Kg
W9510-12	●	0,03





Picchetto in acciaio inox AISI 316L.
AISI 316L stainless steel peg.

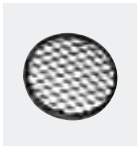
Code		Kg
W9516	●	0,80



Lente per fascio ellissoidale.
Lens for elliptic beam.

ADATTO PER CODICI
SUITABLE FOR CODE
W8510 ÷ W8515
W8530 ÷ W8535

Code		Kg
W9514	●	0,02

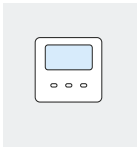


Frangiluce.
Louvre.

ADATTO PER CODICI
SUITABLE FOR CODE
W8510 ÷ W8515
W8530 ÷ W8535

Code		Kg
W9515-12	●	0,03

DMX controller



Code		Kg
Z7790-21	●	0,75

DMX Controller

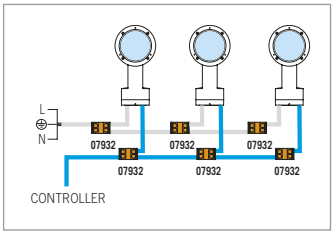
La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).



Code		Kg
Z7790-23	on request	0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.



DMX

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".



Code		Kg
07932	●	0,05

Scatola di connessione IP68.
Junction box IP68.



PANTHEON1

Apparecchio
Corpo e cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio su piastra asportabile in acciaio zincato.
Driver protetto alle sovra-tensioni di rete.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Gonio graduato per puntamento.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.
Sorgente
Disponibili versioni con lampade tradizionali.
Installazione
Doppio pressacavo M20 per collegamento in cascata.
Staffa di sostegno in acciaio zincato e verniciato.

Luminaire
Die-cast aluminium body and trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Wiring on removable galvanized steel tray.
Driver protected against voltage surges.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Screen made of 5mm thermal-shock resistant tempered glass.
Goniometer scale to aim light.
It complies with standards EN 60598-1 and EN 60598-2-5.
Source
Available with conventional lamps.
Installation
Double M20 cable gland for through wiring.
Galvanized and painted steel support bracket.

CORRETTO ORIENTAMENTO DEGLI APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
CORRECT FIXTURE ORIENTATION TO LIMIT LIGHT POLLUTION.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

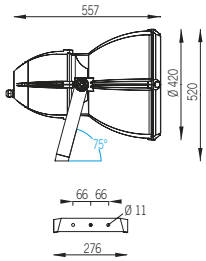
16 21



Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg	
fascio concentrante > *narrow beam*										
W8482	1x **250W MT** G12	●		26000		●	4200	90	15,50	9°
W8483	1x **250W MD** FC2	●		20000		●	4200	80	15,50	14°x18°
W8484	1x **400W MD** FC2	●		36000		●	4200	80	17,00	14°x18°
W8486	1x **250W SD** FC2	●		29000		●	2000		15,50	15°x25°
W8487	1x **400W SD** FC2	●		49000		●	2000		17,00	15°x25°
fascio medio concentrante > *semi-narrow beam*										
W8472	1x **250W MT** G12	●		26000		●	4200	90	15,50	14°
W8473	1x **250W MD** FC2	●		20000		●	4200	80	15,50	19°x22°
W8474	1x **400W MD** FC2	●		36000		●	4200	80	17,00	19°x22°
W8476	1x **250W SD** FC2	●		29000		●	2000		15,50	23°x35°
W8477	1x **400W SD** FC2	●		49000		●	2000		17,00	23°x35°
fascio medio > *narrow beam*										
W8462	1x **250W MT** G12	●		26000		●	4200	90	15,50	35°
W8463	1x **250W MD** FC2	●		20000		●	4200	80	15,50	55°x48°
W8464	1x **400W MD** FC2	●		36000		●	4200	80	17,00	55°x48°
W8466	1x **250W SD** FC2	●		29000		●	2000		15,50	61°x65°
W8467	1x **400W SD** FC2	●		49000		●	2000		17,00	61°x65°
fascio diffondente > *wide beam*										
W8452	1x **250W MT** G12	●		26000		●	4200	90	15,50	60°
W8453	1x **250W MD** FC2	●		20000		●	4200	80	15,50	78°x75°
W8454	1x **400W MD** FC2	●		36000		●	4200	80	17,00	78°x75°
W8456	1x **250W SD** FC2	●		29000		●	2000		15,50	80°x78°
W8457	1x **400W SD** FC2	●		49000		●	2000		17,00	80°x78°

G12 **250W MT**
FC2 **250W MD**
FC2 **400W MD**
FC2 **250W SD**
FC2 **400W SD**

IP67 IK08 0,15 m²



accessori PANTHEON 1 > *PANTHEON 1 accessories*



Code		Kg
W8499-12	●	1,60

Visiera in alluminio verniciata a polvere.
Powder-paint aluminium visor.



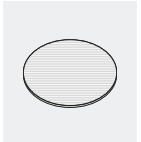
Code		Kg
W8498	●	0,20

Griglia di protezione in acciaio cromato.
Chrome-plated steel protection grid.



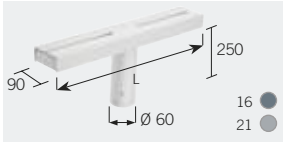
Code		Kg
W8495-12	●	1,60

Frangiluce. Permette di concentrare la luce evitando dispersioni di luce e abbagliamenti.
Louvre. It allows the light flux orientation and prevents light dispersion and glare effect.



Code		Kg
W8493	●	1,20

Lente per fascio ellissoidale.
Lens for elliptic beam.



Code	Floodlight NR.	A [mm]		Kg
W8954	1	500	●	3,25
W8955	2	1000	●	5,60
W8956	3	1500	●	8,00

Staffa portaproiettori verniciata a polvere, Ø 60 mm.
Powder-painted floodlight-supporting bracket, Ø 60 mm.



PANTHEON2 LED • PANTHEON2

Apparecchio
Corpo e cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio su piastra asportabile in acciaio zincato.
Driver protetto alle sovra-tensioni di rete.
Riflettore in alluminio 99,98 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Gonio graduato per puntamento.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
LED con efficienza nominale sino a 143lumen/Watt (4000K - 1400mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Disponibili versioni con lampade tradizionali.

Installazione
Staffa di sostegno in acciaio zincato e verniciato.
Doppio pressacavo M20 per collegamento in cascata.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Die-cast aluminium body and trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Wiring on removable galvanized steel tray.
Driver protected against voltage surges.
Reflector made of 99,98 anodized aluminium with non-iridescent specular finishing.
Screen made of 5mm thermal-shock resistant tempered glass.
Goniometer scale to aim light.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Nominal LED efficacy up to 143lumen/Watt (4000K - 1400mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
Available with conventional lamps.

Installation
Galvanized and painted steel support bracket.
Double M20 cable gland for through wiring.

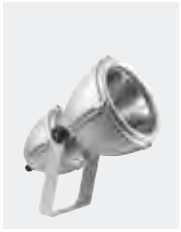
These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 375.
Accessories, see page 375.

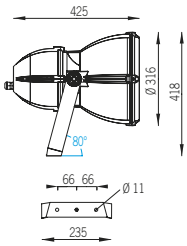
CORRETTO ORIENTAMENTO DEGLI APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
CORRECT FIXTURE ORIENTATION TO LIMIT LIGHT POLLUTION.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

16 21



Code	WATT	CR	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED/ LAMP	K	CRI	Kg	
fascio concentrante > *narrow beam*													
W8400	**51W LED**			●	●	⧈	5900	4400	●	3000	70	9,70	16°
W8401	**51W LED**			●	●	⧈	6200	4600	●	4000	70	9,70	16°
W8402	**51W LED**			●	●	⧈	6850	5100	●	5000	70	9,70	16°
fascio diffondente > *wide beam*													
W8403	**51W LED**			●	●	⧈	5900	4300	●	3000	70	9,70	47°
W8404	**51W LED**			●	●	⧈	6200	4500	●	4000	70	9,70	47°
W8405	**51W LED**			●	●	⧈	6850	4900	●	5000	70	9,70	47°
fascio molto concentrante > *narrow spot beam*													
W8413	1x **150W MT** G12	●	●			⧈	14700		●	4200	90	10,50	6,5°
fascio concentrante > *narrow beam*													
W8445	1x **35W MT** G12	●	●			⧈	3400		●	4200	90	9,80	11°x9°
W8440	1x **70W MT** G12	●	●			⧈	6800		●	4200	90	9,80	11°x9°
W8443	1x **150W MT** G12	●	●			⧈	14700		●	4200	90	10,50	11°x9°
W8441	1x **70W MD** RX7s	●	●			⧈	6500		●	4200	80	9,80	10°x12°
W8444	1x **150W MD** RX7s	●	●			⧈	12500		●	4200	80	10,50	10°x12°
fascio medio concentrante > *semi-narrow beam*													
W8435	1x **35W MT** G12	●	●			⧈	3400		●	4200	90	9,80	13°
W8430	1x **70W MT** G12	●	●			⧈	6800		●	4200	90	9,80	13°
W8433	1x **150W MT** G12	●	●			⧈	14700		●	4200	90	10,50	13°
W8431	1x **70W MD** RX7s	●	●			⧈	6500		●	4200	80	9,80	13°x16°
W8434	1x **150W MD** RX7s	●	●			⧈	12500		●	4200	80	10,50	13°x16°
fascio medio > *medium beam*													
W8425	1x **35W MT** G12	●	●			⧈	3400		●	4200	90	9,80	19°
W8420	1x **70W MT** G12	●	●			⧈	6800		●	4200	90	9,80	19°
W8423	1x **150W MT** G12	●	●			⧈	14700		●	4200	90	10,50	19°
W8421	1x **70W MD** RX7s	●	●			⧈	6500		●	4200	80	9,80	20°x21°
W8424	1x **150W MD** RX7s	●	●			⧈	12500		●	4200	80	10,50	20°x21°



LED
G12 **35W MT**
G12 **70W MT**
G12 **150W MT**
RX7S **70W MD**
RX7S **150W MD**

IP67 IK08 0,09 m²

accessori PANTHEON 2 > *PANTHEON 2 accessories*



Code		Kg
W8497-12	●	1,00

Visiera in alluminio verniciata a polvere.
Powder-paint aluminium visor.



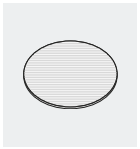
Code		Kg
W8496	●	0,15

Griglia di protezione in acciaio cromato.
Chrome-plated steel protection grid.



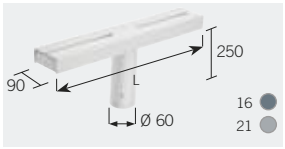
Code		Kg
W8494-12	●	1,00

Frangiluce. Permette di concentrare la luce evitando dispersioni di luce e abbagliamenti.
Louvre. It allows the light flux orientation and prevents light dispersion and glare effect.



Code		Kg
W8492	●	0,65

Lente per fascio elissoidale.
Lens for elliptic beam.



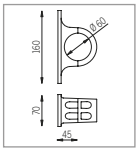
Code	Floodlight NR.	A [mm]		Kg
W8954	1	500	●	3,25
W8955	2	1000	●	5,60
W8956	3	1500	●	8,00

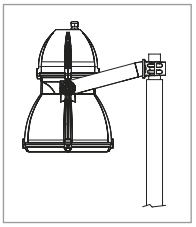
Staffa portaproiettori verniciata a polvere, Ø 60 mm.
Powder-painted floodlight-supporting bracket, Ø 60 mm.

accessori attacchi palo > *pole mounting accessories*

16 ● 21 ●



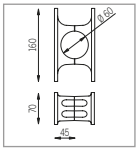


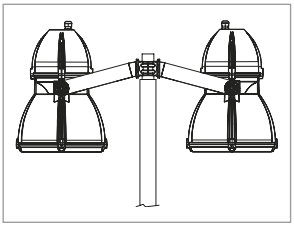


Code		Kg
W8935	●	0,65

Attacco palo monoposto Ø 60mm.
Pole mounting Ø 60mm for 1 light fitting.

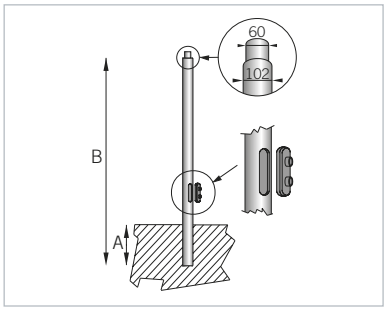






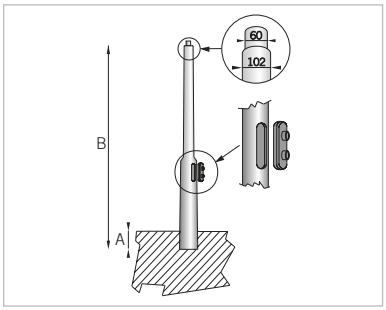
Code		Kg
W8936	●	0,70

Attacco palo 2 posti Ø 60mm.
Pole mounting Ø 60mm for 2 light fittings.



Code		A [cm]	B [cm]	Kg
S7940	●	50	450	36,00
S7941	●	50	500	40,00
S7942	●	50	550	44,00
S7943	●	50	600	47,00

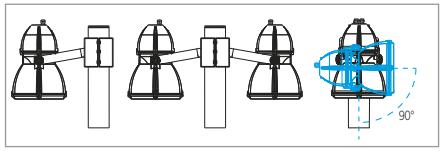
Palo cilindrico Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical Ø 102 mm zinc-plated steel pole with inspection slit and terminal board with fuse carrier.

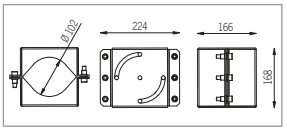


Code		A [cm]	B [cm]	Kg
S7946	●	80	680	88,00
S7947	●	80	780	95,00
S7948	●	80	880	103,00
S7949	●	80	980	111,00

Palo cilindrico rastremato con riduzione Ø 60 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered zinc-plated steel pole with inspection slit and terminal board with fuse carrier with Ø 60 mm reduction.





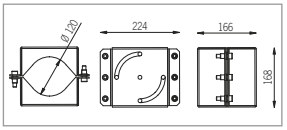


Code		Kg
W8945	●	4,30

Attacco palo monoposto Ø 102mm.
Pole mounting Ø 102mm for 1 light fitting.

Code		Kg
W8946	●	4,50

Attacco palo 2 posti Ø 102mm.
Pole mounting Ø 102mm for 2 light fitting.

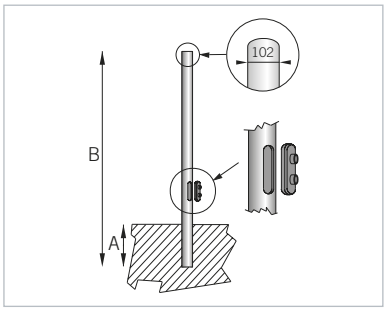


Code		Kg
W8938	●	4,00

Attacco palo monoposto Ø 120mm.
Pole mounting Ø 120mm for 1 light fitting.

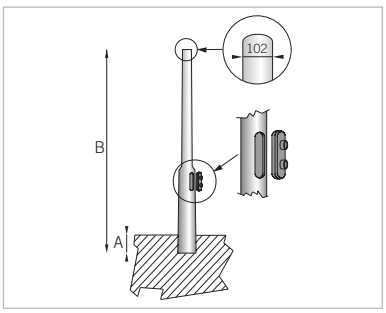
Code		Kg
W8939	●	4,20

Attacco palo 2 posti Ø 120mm.
Pole mounting Ø 120mm for 2 light fittings.



Code		A [cm]	B [cm]	Kg
S7961	●	50	450	36,00
S7962	●	50	500	40,00
S7963	●	50	550	44,00
S7964	●	50	600	47,00

Palo cilindrico Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Adatto per montaggio bracci.
Cylindrical Ø 102 mm galvanized steel pole with inspection slit and terminal board with fuse carrier.
Suitable for arm mounting.



Code		A [cm]	B [cm]	Kg
S7966	●	80	680	88,00
S7967	●	80	780	95,00
S7968	●	80	880	103,00
S7969	●	80	980	111,00

Palo cilindrico rastremato in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Adatto per montaggio bracci.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier.
Suitable for arm mounting.

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.



MOTO

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Driver con protezione alle sovra-tensioni di rete sino a 6kV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Per versioni RGB: lenti in PMMA di qualità ottica con alta resistenza a radiazioni UV e temperature elevate.
Schermo in policarbonato trasparente stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0 o in vetro temperato di spessore 8mm resistente agli shock termici.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
LED con efficienza nominale sino a 118lumen/Watt (4000K - 500mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.

Installazione
Cassetta di cablaggio in alluminio pressofuso (EN 47100).
Pressacavo M20 in tecnopolimero.
Staffa di sostegno in acciaio zincato e verniciato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.
A richiesta apparecchi con fasci misti.



Luminaire
Die-cast aluminium body (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Driver protected against voltage surges up to 6kV.
Reflector made of engineering plastic metalized in high-vacuum.
For RGB versions: lenses are manufactured with optical grade PMMA with high resistance to UV and high temperatures.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing clear polycarbonate screen or 8mm thermal-shock resistant tempered glass screen.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Nominal LED efficacy up to 118lumen/Watt (4000K - 500mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.

Installation
Die-cast aluminium control gear box (EN 47100).
M20 engineering plastic cable gland.
Galvanized and painted steel support bracket.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.
Available on request, mixed beams fixtures.

Accessori, vedi pag. 379-380.
Accessories, see page 379-380.

CORRETTO ORIENTAMENTO DEGLI APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
CORRECT FIXTURE ORIENTATION TO LIMIT LIGHT POLLUTION.

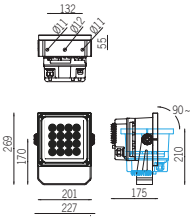
con cassetta alimentazione inclusa > *control gear included* — 16 21



CORNICE IN PRESSOFUSIONE E SCHERMO IN VETRO.
DIE CAST ALUMINIUM FRAME AND GLASS SCREEN.

Code	WATT	CEI	DALI	DIMM	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio molto concentrante > *narrow spot beam*												
9°	**W5326**	**48W LED**	●	●		⏚	4600	3500	●	3000	80	6,00
	W5327	**48W LED**	●	●		⏚	5000	3800	●	4000	80	6,00
	W5328	**48W LED**	●	●		⏚	5000	3800	●	5000	80	6,00
fascio ellittico > *elliptical beam*												
12° x 57°	**W5323**	**48W LED**	●	●		⏚	4600	3050	●	3000	80	6,00
	W5324	**48W LED**	●	●		⏚	5000	3300	●	4000	80	6,00
	W5325	**48W LED**	●	●		⏚	5000	3300	●	5000	80	6,00

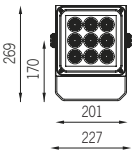
LED — **Driver LED incluso.** ***LED driver included.*** — IP66 IK10 0,04 m²





CORNICE IN PRESSOFUSIONE E SCHERMO IN VETRO.
DIE CAST ALUMINIUM FRAME AND GLASS SCREEN.

fascio concentrante > *narrow beam*												
20°	**W5300**	**72W LED**	●			⏚	8100	6400	●	3000	70	6,00
	W5301	**72W LED**	●			⏚	8550	6750	●	4000	70	6,00
	W5302	**72W LED**	●			⏚	8550	6750	●	5000	70	6,00
fascio medio > *medium beam*												
42°	**W5303**	**72W LED**	●			⏚	8100	6100	●	3000	70	6,00
	W5304	**72W LED**	●			⏚	8550	6450	●	4000	70	6,00
	W5305	**72W LED**	●			⏚	8550	6450	●	5000	70	6,00
	Z8543	**31,5W LED RGB**			●	⏚						6,00
fascio diffondente > *wide beam*												
67°	**W5306**	**72W LED**	●			⏚	8100	5500	●	3000	70	6,00
	W5307	**72W LED**	●			⏚	8550	5920	●	4000	70	6,00
	W5308	**72W LED**	●			⏚	8550	5920	●	5000	70	6,00

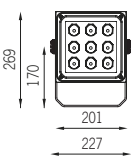




CORNICE IN PRESSOFUSIONE E SCHERMO IN VETRO.
DIE CAST ALUMINIUM FRAME AND GLASS SCREEN.

fascio molto diffondente > ultra-*wide beam*												
103°	**W5310**	**72W LED**	●			⏚	8100	6500	●	3000	70	6,00
	W5311	**72W LED**	●			⏚	8550	6800	●	4000	70	6,00
	W5312	**72W LED**	●			⏚	8550	6800	●	5000	70	6,00
fascio asimmetrico > *asymmetrical beam*												
Imax = 45°	**W5313**	**72W LED**	●			⏚	8100	5800	●	3000	70	6,00
	W5314	**72W LED**	●			⏚	8550	6150	●	4000	70	6,00
	W5315	**72W LED**	●			⏚	8550	6150	●	5000	70	6,00

LED — **Driver LED incluso.** ***LED driver included.*** — IP66 IK10 0,04 m²





Serie W53--
Versioni con cornice in alluminio pressofuso e vetro a filo.

W53-- series
Versions with die-cast aluminium trim and flush screen.



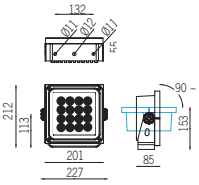
CORNICE IN PRESSOFUSIONE E SCHERMO IN VETRO.
DIE CAST ALUMINIUM FRAME AND GLASS SCREEN.

cassetta alimentazione a parte > *control gear not included*

16 21

Code	WATT	SC	CEI	DALI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio molto concentrante > *narrow spot beam*												
W5360	**48W LED**	●					4600	3500	●	3000	80	4,50
W5361	**48W LED**	●					5000	3800	●	4000	80	4,50
W5362	**48W LED**	●					5000	3800	●	5000	80	4,50
fascio ellittico > *elliptical beam*												
W5353	**48W LED**	●					4600	3050	●	3000	80	4,50
W5354	**48W LED**	●					5000	3300	●	4000	80	4,50
W5355	**48W LED**	●					5000	3300	●	5000	80	4,50

9° | 12° x 57°



LED 900mA

Driver LED da ordinare separatamente, vedi pag. 379.
LED driver to be ordered separately, see page 379.

IP66 IK10 0,04 m²

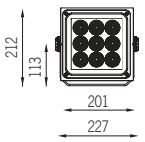


CORNICE IN PRESSOFUSIONE E SCHERMO IN VETRO.
DIE CAST ALUMINIUM FRAME AND GLASS SCREEN.

fascio concentrante > *narrow beam*

W5330	**72W LED**	●					8100	6400	●	3000	70	4,50
W5331	**72W LED**	●					8550	6750	●	4000	70	4,50
W5332	**72W LED**	●					8550	6750	●	5000	70	4,50
fascio medio > *medium beam*												
W5333	**72W LED**	●					8100	6100	●	3000	70	4,50
W5334	**72W LED**	●					8550	6450	●	4000	70	4,50
W5335	**72W LED**	●					8550	6450	●	5000	70	4,50
fascio diffondente > *wide beam*												
W5336	**72W LED**	●					8100	5600	●	3000	70	4,50
W5337	**72W LED**	●					8550	5950	●	4000	70	4,50
W5338	**72W LED**	●					8550	5950	●	5000	70	4,50
fascio molto diffondente > *ultra-wide beam*												
W5340	**72W LED**	●					8100	6450	●	3000	70	4,50
W5341	**72W LED**	●					8550	6800	●	4000	70	4,50
W5342	**72W LED**	●					8550	6800	●	5000	70	4,50

20° | 42° | 67° | 103°



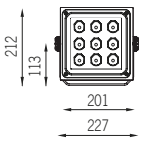
CORNICE IN PRESSOFUSIONE E SCHERMO IN VETRO.
DIE CAST ALUMINIUM FRAME AND GLASS SCREEN.



fascio asimmetrico > *asymmetrical beam*

W5343	**72W LED**	●					8100	5800	●	3000	70	4,50
W5344	**72W LED**	●					8550	6150	●	4000	70	4,50
W5345	**72W LED**	●					8550	6150	●	5000	70	4,50

Imax = 45°



LED 700mA

Driver LED da ordinare separatamente, vedi pag. 379.
LED driver to be ordered separately, see page 379.

IP66 IK10 0,04 m²



con cassetta alimentazione inclusa > *control gear included*

16 21



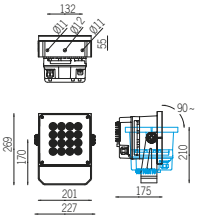
SCHERMO IN POLICARBONATO.
POLYCARBONATE SCREEN.

Code	WATT	CEI	DALI	DIMM	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio molto concentrante > *narrow spot beam*												
9° **W5126**	**48W LED**		●	●		⏚	4600	3600	●	3000	80	5,50
W5127	**48W LED**		●	●		⏚	5000	3900	●	4000	80	5,50
W5128	**48W LED**		●	●		⏚	5000	3900	●	5000	80	5,50
fascio ellittico > *elliptical beam*												
12° x 57° **W5123**	**48W LED**		●	●		⏚	4600	3150	●	3000	80	5,50
W5124	**48W LED**		●	●		⏚	5000	3400	●	4000	80	5,50
W5125	**48W LED**		●	●		⏚	5000	3400	●	5000	80	5,50

LED

Driver LED incluso.
LED driver included.

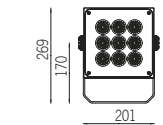
IP65 IK09 0,04 m²





SCHERMO IN POLICARBONATO.
POLYCARBONATE SCREEN.

fascio concentrante > *narrow beam*												
20° **W5100**	**72W LED**		●			⏚	8100	6550	●	3000	70	5,50
W5101	**72W LED**		●			⏚	8550	6900	●	4000	70	5,50
W5102	**72W LED**		●			⏚	8550	6900	●	5000	70	5,50
fascio medio > *medium beam*												
42° **W5103**	**72W LED**		●			⏚	8100	6250	●	3000	70	5,50
W5104	**72W LED**		●			⏚	8550	6600	●	4000	70	5,50
W5105	**72W LED**		●			⏚	8550	6600	●	5000	70	5,50
Z8542	**31,5W LED RGB**				●	⏚						5,50
fascio diffondente > *wide beam*												
67° **W5106**	**72W LED**		●			⏚	8100	5750	●	3000	70	5,50
W5107	**72W LED**		●			⏚	8550	6050	●	4000	70	5,50
W5108	**72W LED**		●			⏚	8550	6050	●	5000	70	5,50
fascio molto diffondente > ultra-*wide beam*												
103° **W5110**	**72W LED**		●			⏚	8100	6600	●	3000	70	5,50
W5111	**72W LED**		●			⏚	8550	6950	●	4000	70	5,50
W5112	**72W LED**		●			⏚	8550	6950	●	5000	70	5,50



SCHERMO IN POLICARBONATO.
POLYCARBONATE SCREEN.

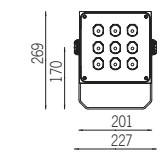


fascio asimmetrico > *asymmetrical beam*												
Imax = 45° **W5113**	**72W LED**		●			⏚	8100	5900	●	3000	70	5,50
W5114	**72W LED**		●			⏚	8550	6250	●	4000	70	5,50
W5115	**72W LED**		●			⏚	8550	6250	●	5000	70	5,50

LED

Driver LED incluso.
LED driver included.

IP65 IK09 0,04 m²



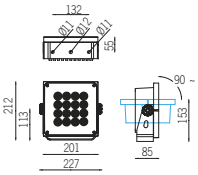
cassetta alimentazione a parte > *control gear not included*

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SCHERMO IN POLICARBONATO.
POLYCARBONATE SCREEN.

Code	WATT	SC	CEI	DALI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio molto concentrante > *narrow spot beam*												
9° **W5160**	**48W LED**	●					4600	3600	●	3000	80	4,00
W5161	**48W LED**	●					5000	3900	●	4000	80	4,00
W5162	**48W LED**	●					5000	3900	●	5000	80	4,00
fascio ellittico > *elliptical beam*												
12° x 57° **W5153**	**48W LED**	●					4600	3150	●	3000	80	4,00
W5154	**48W LED**	●					5000	3400	●	4000	80	4,00
W5155	**48W LED**	●					5000	3400	●	5000	80	4,00



LED 900mA

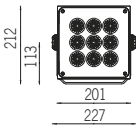
Driver LED da ordinare separatamente, vedi pag. 379.
LED driver to be ordered separately, see page 379.

IP65 IK09 0,04 m²



SCHERMO IN POLICARBONATO.
POLYCARBONATE SCREEN.

fascio concentrante > *narrow beam*												
20° **W5130**	**72W LED**	●				▣	8100	6550	●	3000	70	4,00
W5131	**72W LED**	●				▣	8550	6900	●	4000	70	4,00
W5132	**72W LED**	●				▣	8550	6900	●	5000	70	4,00
fascio medio > *medium beam*												
42° **W5133**	**72W LED**	●				▣	8100	6250	●	3000	70	4,00
W5134	**72W LED**	●				▣	8550	6600	●	4000	70	4,00
W5135	**72W LED**	●				▣	8550	6600	●	5000	70	4,00

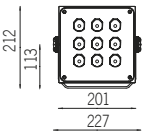


SCHERMO IN POLICARBONATO.
POLYCARBONATE SCREEN.

fascio diffondente > *wide beam*												
67° **W5136**	**72W LED**	●				▣	8100	5750	●	3000	70	4,00
W5137	**72W LED**	●				▣	8550	6050	●	4000	70	4,00
W5138	**72W LED**	●				▣	8550	6050	●	5000	70	4,00
fascio molto diffondente > *ultra-wide beam*												
103° **W5140**	**72W LED**	●				▣	8100	6600	●	3000	70	4,00
W5141	**72W LED**	●				▣	8550	6950	●	4000	70	4,00
W5142	**72W LED**	●				▣	8550	6950	●	5000	70	4,00



fascio asimmetrico > *asymmetrical beam*												
Imax = 45° **W5143**	**72W LED**	●				▣	8100	5900	●	3000	70	4,00
W5144	**72W LED**	●				▣	8550	6250	●	4000	70	4,00
W5145	**72W LED**	●				▣	8550	6250	●	5000	70	4,00



LED 700mA

Driver LED da ordinare separatamente, vedi pag. 379.
LED driver to be ordered separately, see page 379.

IP65 IK09 0,04 m²

Cassetta d'alimentazione LED a corrente costante: 700mA e 900mA > *constant current LED control gear box: 700mA and 900mA*

16 21

Code	mA	WATT	Numero massimo di apparecchi collegabili. *Maximum number of fittings which can be connected.*																				
			W5160	**W5161**	**W5162**	**W5153**	**W5154**	**W5155**	**W5130**	**W5131**	**W5132**	**W5133**	**W5134**	**W5135**	**W5136**	**W5137**	**W5138**	**W5140**	**W5141**	**W5142**	**W5143**	**W5144**	**W5145**
			W5360	**W5361**	**W5362**	**W5353**	**W5354**	**W5355**	**W5330**	**W5331**	**W5332**	**W5333**	**W5334**	**W5335**	**W5336**	**W5337**	**W5338**	**W5340**	**W5341**	**W5342**	**W5343**	**W5344**	**W5345**
W5156 DALI	900	50	1	1	1	1	1	1															
W5156 DIMM	900	50	1	1	1	1	1	1															
W5159 DALI	700	90							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

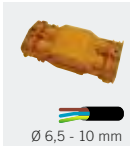
Dimensioni e distanze per cavi di installazione dei driver LED, vedi pagina 16 > *Dimensions and distances for installation cables of LED drivers, see page 16*



Cassetta di alimentazione in alluminio pressofuso EN 47100.
EN 47100 die-cast aluminium control gear box.

Code	mA	WATT	DALI	DIMM	Class	Kg
DRIVER IP67						
W5156 DALI	900	50	●		⏚	1,50
W5156 DIMM	900	50		●	⏚	1,50
W5159 DALI	700	90	●		⏚	1,50

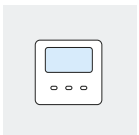
Specifiche tecniche e accessori di controllo DALI e DIMM, vedi pag. 13.
See page 13 for technical details and control accessories DALI and DIMM.



Scatola di connessione IP68.
Junction box IP68.

Code		Kg
07932	●	0,05

DMX controller



La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).

Code		Kg
Z7790-21	●	0,75



Code		Kg
Z7790-23	on request	0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".

accessori > *accessories*

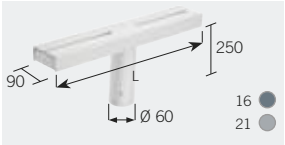




Code		Kg
W5158		0,80

16 ● 21 ●

Staffa per cornicioni in acciaio verniciato.
Painted steel support bracket forroof eaves.



Code	Floodlight NR.	L [mm]		Kg
W8954	1	500	●	3,25
W8955	2	1000	●	5,60
W8956	3	1500	●	8,00

Staffa portaproiettori verniciata a polvere, Ø 60 mm.
Powder-painted floodlight-supporting bracket, Ø 60 mm.



Code		Kg
W5165-12	●	0,60

Visiera in acciaio verniciata a polvere.
Powder-painted steel visor.



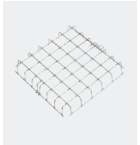
Code		Kg
W5166-12	●	0,40

Visiera in acciaio verniciata a polvere.
Powder-painted steel visor.



Code		Kg
W5167-12	●	0,40

Frangiluce a lamelle in acciaio verniciato a polvere.
Powder-painted steel visor.



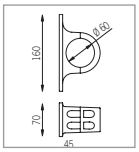
Code		Kg
W5168	●	0,35

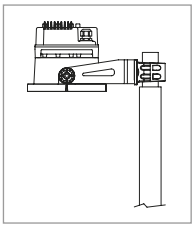
Griglia di protezione in acciaio cromato.
Chrome-plated steel protection grid.

accessori attacchi palo > *pole mounting accessories*

16 ● 21 ●



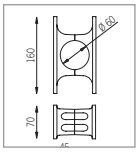


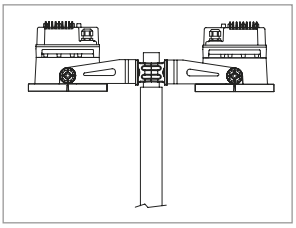


Code		Kg
W8935	●	0,65

Attacco palo monoposto Ø 60mm.
Pole mounting Ø 60mm for 1 light fitting.

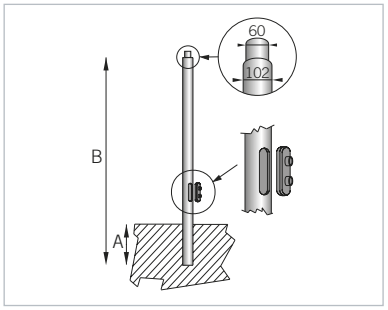






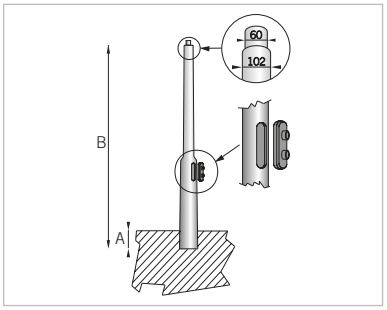
Code		Kg
W8936	●	0,70

Attacco palo 2 posti Ø 60mm.
Pole mounting Ø 60mm for 2 light fittings.



Code		A [cm]	B [cm]	Kg
S7940	●	50	450	36,00
S7941	●	50	500	40,00
S7942	●	50	550	44,00
S7943	●	50	600	47,00

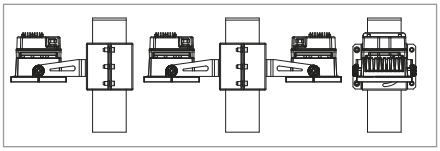
Palo cilindrico Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical Ø 102 mm zinc-plated steel pole with inspection slit and terminal board with fuse carrier.

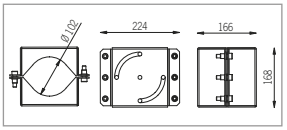


Code		A [cm]	B [cm]	Kg
S7946	●	80	680	88,00
S7947	●	80	780	95,00
S7948	●	80	880	103,00
S7949	●	80	980	111,00

Palo cilindrico rastremato con riduzione Ø 60 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered zinc-plated steel pole with inspection slit and terminal board with fuse carrier with Ø 60 mm reduction.





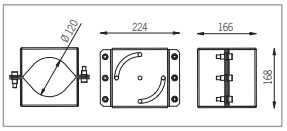


Code		Kg
W8945	●	4,30

Attacco palo monoposto Ø 102mm.
Pole mounting Ø 102mm for 1 light fitting.

Code		Kg
W8946	●	4,50

Attacco palo 2 posti Ø 102mm.
Pole mounting Ø 102mm for 2 light fitting.

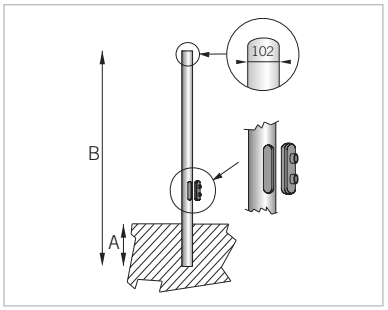


Code		Kg
W8938	●	4,00

Attacco palo monoposto Ø 120mm.
Pole mounting Ø 120mm for 1 light fitting.

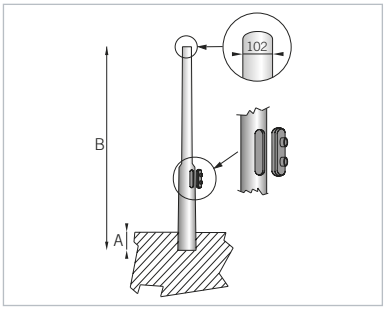
Code		Kg
W8939	●	4,20

Attacco palo 2 posti Ø 120mm.
Pole mounting Ø 120mm for 2 light fitting.



Code		A [cm]	B [cm]	Kg
S7961	●	50	450	36,00
S7962	●	50	500	40,00
S7963	●	50	550	44,00
S7964	●	50	600	47,00

Palo cilindrico Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Adatto per montaggio bracci.
Cylindrical Ø 102 mm galvanized steel pole with inspection slit and terminal board with fuse carrier.
Suitable for arm mounting.



Code		A [cm]	B [cm]	Kg
S7966	●	80	680	88,00
S7967	●	80	780	95,00
S7968	●	80	880	103,00
S7969	●	80	980	111,00

Palo cilindrico rastremato in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Adatto per montaggio bracci.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier.
Suitable for arm mounting.

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.



NADIR

Apparecchio
Corpo in alluminio pressofuso (EN 47100).
Vano alimentazione in alluminio estruso.
Testate in alluminio pressofuso.
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio su piastra asportabile in acciaio zincato.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Per versioni RGB: lenti in PMMA di qualità ottica con alta resistenza a radiazioni UV e temperature elevate.
Schermo in policarbonato trasparente stabilizzato ai raggi UV. Resistente alla prova del filo incandescente 850°C, autoestinguente V0.
Gonio graduato per puntamento.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
LED con efficienza nominale sino a 109lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.

Installazione
Staffa di sostegno in acciaio zincato e verniciato.
Fornito completo di cavo con connettore presa-spina IP66 con ghiera di bloccaggio per cavi da 9 a 12mm.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Die-cast aluminium body (EN 47100).
Control gear compartment made of die-cast aluminium.
Die-cast aluminium caps.
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Wiring on removable galvanized steel tray.
Driver protected against voltage surges up to 4kV.
Reflector made of engineering plastic metalized in high-vacuum.
For RGB versions: lenses are manufactured with optical grade PMMA with high resistance to UV and high temperatures.
UV rays stabilized, 850°C glow wire test resistant, V0 self-extinguishing clear polycarbonate screen.
Goniometer scale to aim light.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Nominal LED efficacy up to 109lumen/Watt (4000K - 700mA - CRI>70 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.

Installation
Galvanized and painted steel support bracket.
Supplied with power cable ended by IP66 socket-plug connector with locking ring for cables of diameter 9-12mm.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 383.
Accessories, see page 383.

CORRETTO ORIENTAMENTO DEGLI APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
CORRECT FIXTURE ORIENTATION TO LIMIT LIGHT POLLUTION.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.



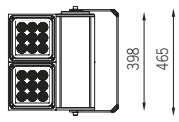
Cornice in alluminio pressofuso e vetro a filo.
Die-cast aluminium trim and flush screen.

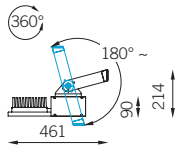


CORNICE IN PRESSOFUSIONE E SCHERMO IN VETRO.
DIE CAST ALUMINIUM FRAM AND GLASS SCREEN.

emissione singola • 2 apparecchi > *single side • 2 light fittings* — 16 ● 21 ●

Code	WATT	CEI	DALI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
20°											
W5200	144W LED	●	●		⏚	16200	12800	●	3000	70	12,50
W5201	144W LED	●	●		⏚	17100	13500	●	4000	70	12,50
W5202	144W LED	●	●		⏚	17100	13500	●	5000	70	12,50
fascio medio > *medium beam*											
42°											
W5203	144W LED	●	●		⏚	16200	12200	●	3000	70	12,50
W5204	144W LED	●	●		⏚	17100	12900	●	4000	70	12,50
W5205	144W LED	●	●		⏚	17100	12900	●	5000	70	12,50
Z8560	63W LED RGB			●	⏚						12,50
fascio diffondente > *wide beam*											
67°											
W5206	144W LED	●	●		⏚	16200	11200	●	3000	70	12,50
W5207	144W LED	●	●		⏚	17100	11840	●	4000	70	12,50
W5208	144W LED	●	●		⏚	17100	11840	●	5000	70	12,50
fascio asimmetrico > *asymmetrical beam*											
Imax = 45°											
W5246	144W LED	●	●		⏚	16200	11850	●	3000	70	12,50
W5247	144W LED	●	●		⏚	17100	12500	●	4000	70	12,50
W5248	144W LED	●	●		⏚	17100	12500	●	5000	70	12,50





LED

Driver LED incluso.
LED driver included.

IP66 IK10 0,14 m²



CORNICE IN PRESSOFUSIONE E SCHERMO IN VETRO.
DIE CAST ALUMINIUM FRAM AND GLASS SCREEN.

emissione singola • 3 apparecchi > *single side • 3 light fittings*

16 21

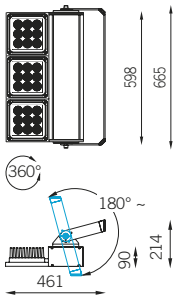
Code	WATT	CEI	DALI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
W5210	216W LED	●	●		⏚	24300	19200	●	3000	70	15,30
W5211	216W LED	●	●		⏚	25650	20250	●	4000	70	15,30
W5212	216W LED	●	●		⏚	25650	20250	●	5000	70	15,30
fascio medio > *medium beam*											
W5213	216W LED	●	●		⏚	24300	18300	●	3000	70	15,30
W5214	216W LED	●	●		⏚	25650	19350	●	4000	70	15,30
W5215	216W LED	●	●		⏚	25650	19350	●	5000	70	15,30
Z8561	94,5W LED RGB			●	⏚						15,30
fascio diffondente > *wide beam*											
W5216	216W LED	●	●		⏚	24300	16800	●	3000	70	15,30
W5217	216W LED	●	●		⏚	25650	17760	●	4000	70	15,30
W5218	216W LED	●	●		⏚	25650	17760	●	5000	70	15,30
fascio asimmetrico > *asymmetrical beam*											
W5256	216W LED	●	●		⏚	24300	17750	●	3000	70	15,30
W5257	216W LED	●	●		⏚	25650	18750	●	4000	70	15,30
W5258	216W LED	●	●		⏚	25650	18750	●	5000	70	15,30

20° 42° 67° Imax = 45°

LED

Driver LED incluso.
LED driver included.

IP66 IK10 0,21 m²





CORNICE IN PRESSOFUSIONE E SCHERMO IN VETRO.
DIE CAST ALUMINIUM FRAM AND GLASS SCREEN.

emissione doppia • 4 apparecchi > *double side • 4 light fittings*

16 21

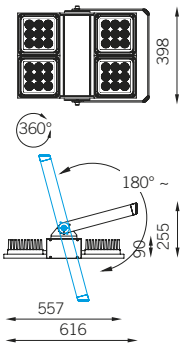
Code	WATT	CEI	DALI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
W5220	288W LED	●	●		⏚	32400	25600	●	3000	70	17,20
W5221	288W LED	●	●		⏚	34200	27000	●	4000	70	17,20
W5222	288W LED	●	●		⏚	34200	27000	●	5000	70	17,20
fascio medio > *medium beam*											
W5223	288W LED	●	●		⏚	32400	24400	●	3000	70	17,20
W5224	288W LED	●	●		⏚	34200	25800	●	4000	70	17,20
W5225	288W LED	●	●		⏚	34200	25800	●	5000	70	17,20
Z8562	126W LED RGB			●	⏚						17,20
fascio diffondente > *wide beam*											
W5226	288W LED	●	●		⏚	32400	22400	●	3000	70	17,20
W5227	288W LED	●	●		⏚	34200	23680	●	4000	70	17,20
W5228	288W LED	●	●		⏚	34200	23680	●	5000	70	17,20
fascio asimmetrico > *asymmetrical beam*											
W5266	288W LED	●	●		⏚	32400	23700	●	3000	70	17,20
W5267	288W LED	●	●		⏚	34200	25000	●	4000	70	17,20
W5268	288W LED	●	●		⏚	34200	25000	●	5000	70	17,20

20° 42° 67° Imax = 45°

LED

Driver LED incluso.
LED driver included.

IP66 IK10 0,22 m²







emissione doppia • 6 apparecchi > *double side • 6 light fittings*

16 21



CORNICE IN PRESSOFUSIONE E SCHERMO IN VETRO.
DIE CAST ALUMINIUM FRAM AND GLASS SCREEN.

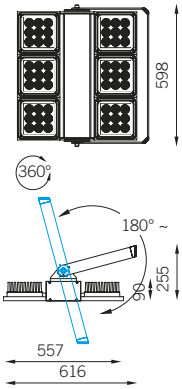
Code	WATT	CEI	DALI	DMX	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > *narrow beam*											
W5230	**432W LED**	●	●		⏚	48600	38350	●	3000	70	21,30
W5231	**432W LED**	●	●		⏚	51300	40500	●	4000	70	21,30
W5232	**432W LED**	●	●		⏚	51300	40500	●	5000	70	21,30
fascio medio > *medium beam*											
W5233	**432W LED**	●	●		⏚	48600	36700	●	3000	70	21,30
W5234	**432W LED**	●	●		⏚	51300	38700	●	4000	70	21,30
W5235	**432W LED**	●	●		⏚	51300	38700	●	5000	70	21,30
Z8563	**189W LED RGB**			●	⏚						21,30
fascio diffondente > *wide beam*											
W5236	**432W LED**	●	●		⏚	48600	33700	●	3000	70	21,30
W5237	**432W LED**	●	●		⏚	51300	35520	●	4000	70	21,30
W5238	**432W LED**	●	●		⏚	51300	35520	●	5000	70	21,30
fascio asimmetrico > *asymmetrical beam*											
W5276	**432W LED**	●	●		⏚	48600	35550	●	3000	70	21,30
W5277	**432W LED**	●	**2.855,00**		⏚	51300	37500	●	4000	70	21,30
W5278	**432W LED**	●	●		⏚	51300	37500	●	5000	70	21,30

20° 42° Imax = 45°

LED

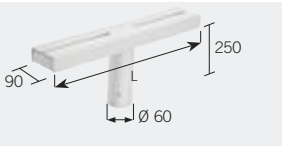
Driver LED incluso.
LED driver included.

IP66 IK10 0,33 m²



accessori > *accessories*

16 21



Code	Floodlight NR.	L [mm]		Kg
W8954	1	500	●	3,25

Staffa portaproiettori verniciata a polvere, Ø 60 mm.
Powder-painted floodlight-supporting bracket, Ø 60 mm.





DMX controller



Code		Kg
Z7790-21	●	0,75

DMX Controller

La centralina Z7790-21 offre la possibilità di definire scenari luminosi e transizioni tramite una semplice interfaccia a pulsanti ed è indicata per installazioni di medie dimensioni (fino a 32 apparecchi).
The control unit Z7790-21 offers the ability to define lighting scenarios and transitions through a simple interface with physical buttons and is suitable for medium-sized installations (up to 32 devices).



Code			Kg
Z7790-23	on request		0,50

DMX Controller

La centralina Z7790-23 offre un'interfaccia di programmazione software semplice e conviviale. Adatta per installazioni di medie/grandi dimensioni.
The control unit Z7790-23 offers a user-friendly software interface. Suitable for medium to large installations.

DMX

Schemi di cablaggio, specifiche di installazione dei driver e sistemi di controllo della luce, vedi sezione "Controllo della luce" a pagina 15.
Cabling diagrams, specifications for driver installation and light control systems, see pagee 15 "Controlling the light ".



DELPHI LED

Apparecchio
Corpo dotato di ampie alettature di raffreddamento.
Corpo e cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio su piastra asportabile in acciaio zincato.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Riflettori in policarbonato metallizzato ad alto vuoto.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 4mm resistente agli shock termici.
Gonio graduato per puntamento.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
LED con efficienza nominale sino a 124lumen/Watt (4000K - mA - CRI> - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.
Modulo LED protetto contro le sovratemperature.

Installazione
Pressacavo M20 in tecnopolimero.
Staffa di sostegno in acciaio zincato e verniciato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".
Altri colori LED disponibili su richiesta.

Luminaire
Body with large cooling fins.
Die-cast aluminium body and trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Wiring on removable galvanized steel tray.
Driver protected against voltage surges up to 4kV.
Reflector made of engineering plastic metalized in high-vacuum.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Screen made of 4mm thermal-shock resistant tempered glass.
Goniometer scale to aim light.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Nominal LED efficacy up to 124lumen/Watt (4000K - mA - CRI> - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.
LED module protected against overheating.

Installation
M20 engineering plastic cable gland.
Galvanized and painted steel support bracket.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".
Different LED colours available upon request.

Accessori, vedi pag. 385-386.
Accessories, see page 385-386.

Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

CORRETTO ORIENTAMENTO DEGLI APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
CORRECT FIXTURE ORIENTATION TO LIMIT LIGHT POLLUTION.



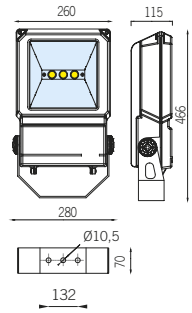
LED — 16 21

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio simmetrico diffondente > *symmetrical wide beam*											
94°											
W8620	**75W LED**	●	●	●	⏚	8700	6800	●	3000	80	7,00
W8621	**75W LED**	●	●	●	⏚	9600	7500	●	4000	70	7,00
W8622	**75W LED**	●	●	●	⏚	9600	7500	●	5000	70	7,00
fascio asimmetrico > *asymmetrical beam*											
Imax = 36°											
W8623	**75W LED**	●	●	●	⏚	8700	5900	●	3000	80	7,00
W8624	**75W LED**	●	●	●	⏚	9600	6500	●	4000	70	7,00
W8625	**75W LED**	●	●	●	⏚	9600	6500	●	5000	70	7,00
fascio ellittico > *elliptical beam*											
84°x139°											
W8626	**75W LED**	●	●	●	⏚	8700	5300	●	3000	80	7,00
W8627	**75W LED**	●	●	●	⏚	9600	5800	●	4000	70	7,00
W8628	**75W LED**	●	●	●	⏚	9600	5800	●	5000	70	7,00

LED

Driver LED incluso.
LED driver included.

IP66 IK07 0,10 m²








W8620 - W8621 W8622
W8623 - W8624 W8625
W8626 - W8627 W8628



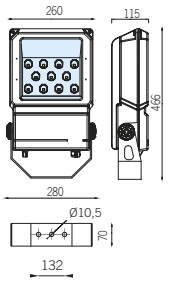
LED — 16 21

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio asimmetrico > *asymmetrical beam*											
Imax 44°											
W8610	**88W LED**	●	●	●	⏚	11000	5250	●	3000	70	6,60
W8611	**88W LED**	●	●	●	⏚	11800	5650	●	4000	70	6,60
W8612	**88W LED**	●	●	●	⏚	11800	5650	●	5000	70	6,60

LED

Driver LED incluso.
LED driver included.

IP66 IK07 0,10 m²





LED

16 ● 21 ●

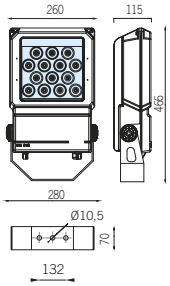
Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio concentrante > narrow beam											
W8600	**112W LED**	●	●	●	⏚	11800	7350	●	3000	70	6,60
W8601	**112W LED**	●	●	●	⏚	12500	7800	●	4000	70	6,60
W8602	**112W LED**	●	●	●	⏚	12500	7800	●	5000	70	6,60
fascio medio > medium beam											
W8603	**112W LED**	●	●	●	⏚	11800	7350	●	3000	70	6,60
W8604	**112W LED**	●	●	●	⏚	12500	7800	●	4000	70	6,60
W8605	**112W LED**	●	●	●	⏚	12500	7800	●	5000	70	6,60
fascio diffondente > wide beam											
W8606	**112W LED**	●	●	●	⏚	11800	6400	●	3000	70	6,60
W8607	**112W LED**	●	●	●	⏚	12500	6850	●	4000	70	6,60
W8608	**112W LED**	●	●	●	⏚	12500	6850	●	5000	70	6,60

12° 30° 68°

LED

Driver LED incluso.
LED driver included.

IP66 IK07 0,10 m²

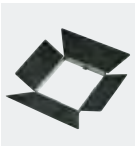


accessori > *accessories*



Visiera in acciaio verniciata a polvere.
Powder-painted steel visor.

Code		Kg
W8933-12	●	0,40



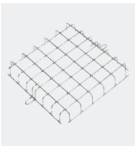
Frangiluce con alette orientabili in acciaio verniciato a liquido acrilico con wash-primer.
Light-screen with adjustable fins in stainless steel painted with acrylic fluid with wash primer.

Code		Kg
W8931-12	●	1,30



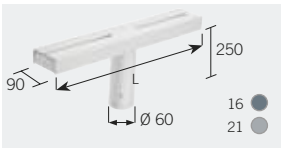
Frangiluce a lamelle in acciaio verniciato a polvere.
Powder-painted steel louvred light-screen.

Code		Kg
W8932-12	●	0,40



Griglia di protezione in acciaio cromato.
Chrome-plated steel protection grid.

Code		Kg
W8934	●	0,35

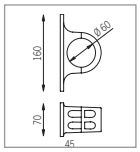


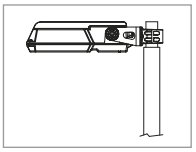
Code	Floodlight NR.	L [mm]		Kg
W8954	1	500	●	3,25
W8955	2	1000	●	5,60
W8956	3	1500	●	8,00

Staffa portaproiettori verniciata a polvere, Ø 60 mm.
Powder-painted floodlight-supporting bracket, Ø 60 mm.



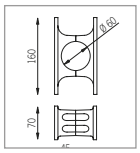
accessori attacchi palo > *pole mounting accessories*

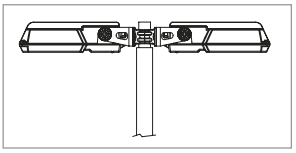





Code		Kg
W8935	●	0,65

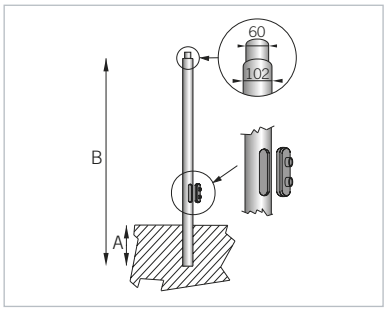
Attacco palo monoposto Ø 60mm.
Pole mounting Ø 60mm for 1 light fitting.



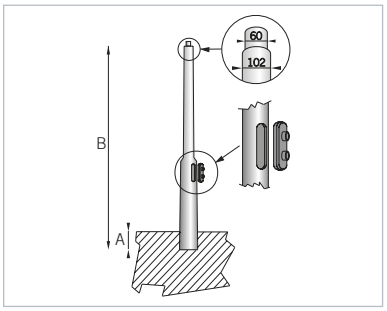
Code		Kg
W8936	●	0,70

Attacco palo 2 posti Ø 60mm.
Pole mounting Ø 60mm for 2 light fittings.



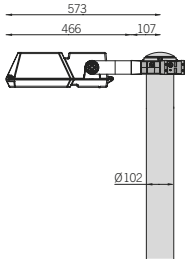
Code		A [cm]	B [cm]	Kg
S7940	●	50	450	36,00
S7941	●	50	500	40,00
S7942	●	50	550	44,00
S7943	●	50	600	47,00

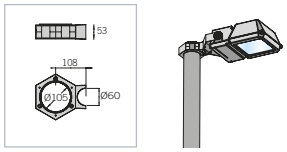
Palo cilindrico Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical Ø 102 mm zinc-plated steel pole with inspection slit and terminal board with fuse carrier.



Code		A [cm]	B [cm]	Kg
S7946	●	80	680	88,00
S7947	●	80	780	95,00
S7948	●	80	880	103,00
S7949	●	80	980	111,00

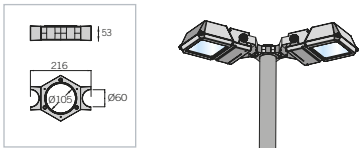
Palo cilindrico rastremato con riduzione Ø 60 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered zinc-plated steel pole with inspection slit and terminal board with fuse carrier with Ø 60 mm reduction.





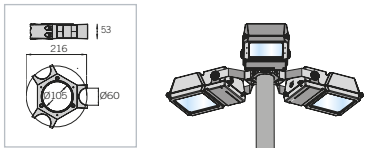
Code		Kg
T8995	●	0,75

Attacco palo monoposto.
Pole attachment for 1 light fitting.



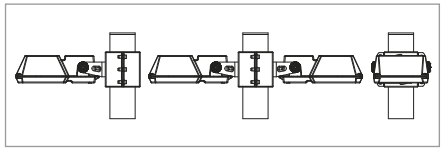
Code		Kg
T8996	●	0,90

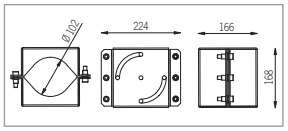
Attacco palo 2 posti.
Pole attachment for 2 light fittings.



Code		Kg
T8997	●	1,04

Attacco palo 3 posti.
Pole attachment for 3 light fittings.

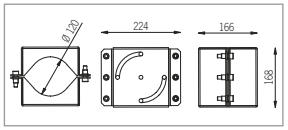


Code		Kg
W8945	●	4,30

Attacco palo monoposto Ø 102mm.
Pole mounting Ø 102mm for 1 light fitting.

Code		Kg
W8946	●	4,50

Attacco palo 2 posti Ø 102mm.
Pole mounting Ø 102mm for 2 light fitting.

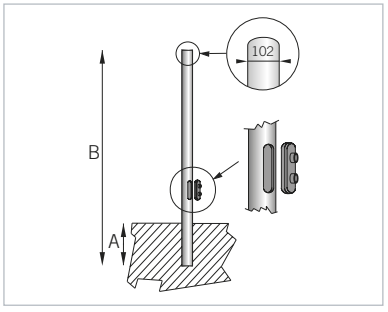


Code		Kg
W8938	●	4,00

Attacco palo monoposto Ø 120mm.
Pole mounting Ø 120mm for 1 light fitting.

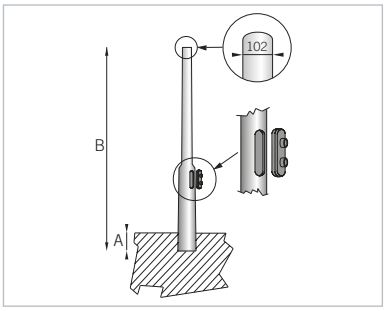
Code		Kg
W8939	●	4,20

Attacco palo 2 posti Ø 120mm.
Pole mounting Ø 120mm for 2 light fitting.



Code		A [cm]	B [cm]	Kg
S7961	●	50	450	36,00
S7962	●	50	500	40,00
S7963	●	50	550	44,00
S7964	●	50	600	47,00

Palo cilindrico Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical Ø 102 mm galvanized steel pole with inspection slit and terminal board with fuse carrier.



Code		A [cm]	B [cm]	Kg
S7966	●	80	680	88,00
S7967	●	80	780	95,00
S7968	●	80	880	103,00
S7969	●	80	980	111,00

Palo cilindrico rastremato in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier.

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.



ECOLED

Apparecchio
Corpo dotato di ampie alettature di raffreddamento.
Corpo e cornice in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Cablaggio su piastra asportabile in acciaio zincato.
Driver con protezione alle sovra-tensioni di rete sino a 4kV.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Gonio graduato per puntamento.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
LED con efficienza nominale sino a 107lumen/Watt (4000K - 1050mA - CRI>80 - Tj=85°C).
Lunga vita utile del LED: > 50000h con L80.
Alta consistenza dei colori: <3 SDCM.

Installazione
Pressacavo M20 in tecnopolimero.
Staffa di sostegno in acciaio zincato e verniciato.

Questi apparecchi sono predisposti per i moderni sistemi di controllo. Per le diverse possibilità vedi la sezione "Controllo della luce".

Luminaire
Body with large cooling fins.
Die-cast aluminium body and trim (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Wiring on removable galvanized steel tray.
Driver protected against voltage surges up to 4kV.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Screen made of 5mm thermal-shock resistant tempered glass.
Goniometer scale to aim light.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Nominal LED efficacy up to 107lumen/Watt (4000K - 1050mA - CRI>80 - Tj=85°C).
LED life time: >50000h with L80.
High colour consistency: <3 SDCM.

Installation
M20 engineering plastic cable gland.
Galvanized and painted steel support bracket.

These fittings are suitable for the modern control systems. For the various possibilities, please see section "Controlling the light".

Accessori, vedi pag. 388.
Accessories, see page 388.

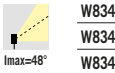
Predisposto per controllo via BLE, per dettagli contattare l'azienda.
Suitable for BLE control device, for details consult factory.

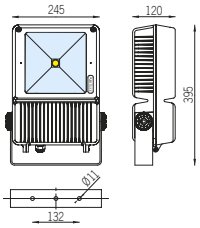
CORRETTO ORIENTAMENTO DEGLI APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
CORRECT FIXTURE ORIENTATION TO LIMIT LIGHT POLLUTION.

16 21



Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	K	CRI	Kg
fascio simmetrico diffondente > *symmetrical wide beam*											
W8340	**40W LED**	●	●	●	⏚	4200	2900	●	3000	80	4,40
W8341	**40W LED**	●	●	●	⏚	4600	3200	●	4000	70	4,40
W8342	**40W LED**	●	●	●	⏚	4600	3200	●	5000	70	4,40
fascio asimmetrico diffondente > *asymmetrical wide beam*											
W8345	**40W LED**	●	●	●	⏚	4200	2700	●	3000	80	4,40
W8346	**40W LED**	●	●	●	⏚	4600	2950	●	4000	70	4,40
W8347	**40W LED**	●	●	●	⏚	4600	2950	●	5000	70	4,40





LED

Driver LED incluso.
LED driver included.





W8340 - W8341 W8342



W8345 - W8346 W8347

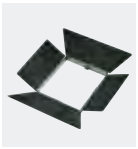
IP66 IK08 0,08 m²

accessori > *accessories*



Code		Kg
W8923-12	●	0,40

Visiera in acciaio verniciata a polvere.
Powder-painted steel visor.



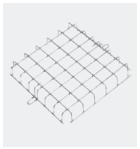
Code		Kg
W8921-12	●	1,30

Frangiluce con alette orientabili in acciaio verniciato a liquido acrilico con wash-primer.
Light-screen with adjustable fins in stainless steel painted with acrylic fluid with wash primer.



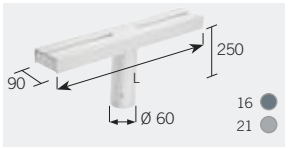
Code		Kg
W8922-12	●	0,40

Frangiluce a lamelle in acciaio verniciato a polvere.
Powder-painted steel louvred light-screen.



Code		Kg
W8924	●	0,35

Griglia di protezione in acciaio cromato.
Chrome-plated steel protection grid.



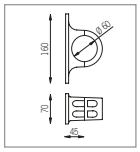
Code	Floodlight NR.	L [mm]		Kg
W8954	1	500	●	3,25
W8955	2	1000	●	5,60
W8956	3	1500	●	8,00

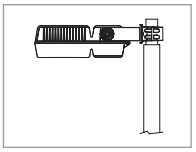
Staffa portaproiettori verniciata a polvere, Ø 60 mm.
Powder-painted floodlight-supporting bracket, Ø 60 mm.

accessori attacchi palo > *pole mounting accessories*

16 ● 21 ●



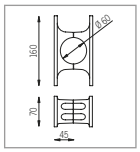


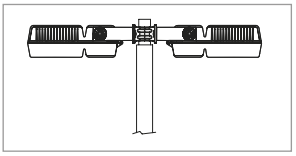


Code		Kg
W8935	●	0,65

Attacco palo monoposto Ø 60mm.
Pole mounting Ø 60mm for 1 light fitting.

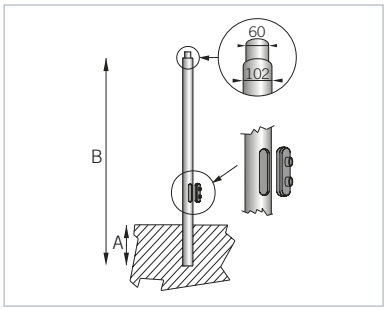






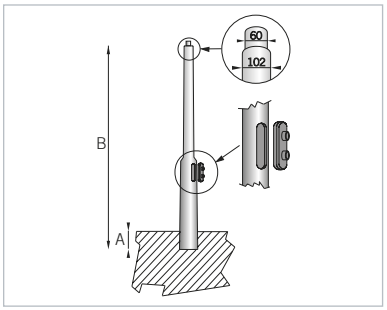
Code		Kg
W8936	●	0,70

Attacco palo 2 posti Ø 60mm.
Pole mounting Ø 60mm for 2 light fittings.



Code		A [cm]	B [cm]	Kg
S7940	●	50	450	36,00
S7941	●	50	500	40,00
S7942	●	50	550	44,00
S7943	●	50	600	47,00

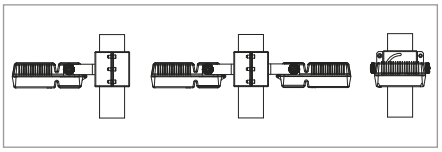
Palo cilindrico Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical Ø 102 mm zinc-plated steel pole with inspection slit and terminal board with fuse carrier.

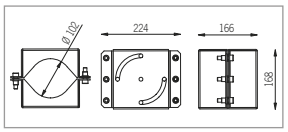


Code		A [cm]	B [cm]	Kg
S7946	●	80	680	88,00
S7947	●	80	780	95,00
S7948	●	80	880	103,00
S7949	●	80	980	111,00

Palo cilindrico rastremato con riduzione Ø 60 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered zinc-plated steel pole with inspection slit and terminal board with fuse carrier with Ø 60 mm reduction.





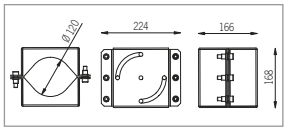


Code		Kg
W8945	●	4,30

Attacco palo monoposto Ø 102mm.
Pole mounting Ø 102mm for 1 light fitting.

Code		Kg
W8946	●	4,50

Attacco palo 2 posti Ø 102mm.
Pole mounting Ø 102mm for 2 light fitting.

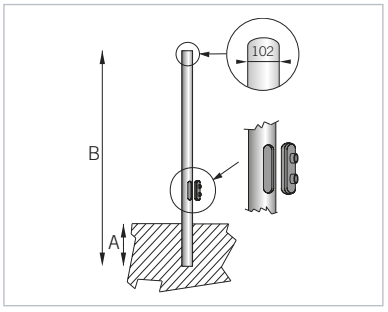


Code		Kg
W8938	●	4,00

Attacco palo monoposto Ø 120mm.
Pole mounting Ø 120mm for 1 light fitting.

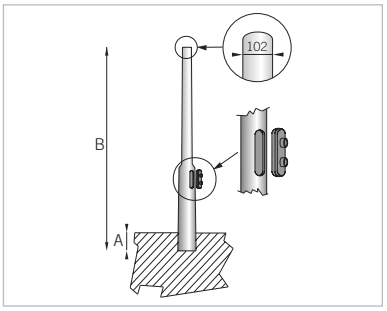
Code		Kg
W8939	●	4,20

Attacco palo 2 posti Ø 120mm.
Pole mounting Ø 120mm for 2 light fitting.



Code		A [cm]	B [cm]	Kg
S7961	●	50	450	36,00
S7962	●	50	500	40,00
S7963	●	50	550	44,00
S7964	●	50	600	47,00

Palo cilindrico Ø 102 mm in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical Ø 102 mm galvanized steel pole with inspection slit and terminal board with fuse carrier.



Code		A [cm]	B [cm]	Kg
S7966	●	80	680	88,00
S7967	●	80	780	95,00
S7968	●	80	880	103,00
S7969	●	80	980	111,00

Palo cilindrico rastremato in acciaio zincato completo di finestra d'ispezione e morsettiera con portafusibile.
Cylindrical tapered galvanized steel pole with inspection slit and terminal board with fuse carrier.

COSTI DI TRASPORTO DA CONCORDARE.
SHIPMENT COSTS TO BE AGREED.



LUXOR

Apparecchio
Corpo in alluminio pressofuso.
Ganci di chiusura del vetro in alluminio pressofuso (EN 47100).
Verniciatura a polvere poliestere in doppio strato stabilizzata ai raggi UV, resistente alla corrosione e alle nebbie saline.
Guarnizioni in gomma siliconica.
Viteria esterna in acciaio inox AISI 316.
Riflettore in alluminio 99,85 anodizzato speculare antiridescente.
Schermo in vetro temperato di spessore 5mm resistente agli shock termici.
Gonio graduato per puntamento.
Apparecchio costruito in conformità alle norme EN 60598-1 e EN 60598-2-5.

Sorgente
Disponibili versioni con lampade tradizionali.

Installazione
Cassetta di cablaggio in tecnopolimero.
Pressacavo PG16 in tecnopolimero.
Staffa di sostegno in acciaio zincato e verniciato.

Luminaire
Die-cast aluminium body.
Die-cast aluminium closing clips for glass retention (EN 47100).
Double layer polyester powder paint resistant to corrosion and salt spray fog.
Silicone rubber gaskets.
AISI 316 stainless steel external screws.
Reflector made of 99,85 anodized aluminium with non-iridescent specular finishing.
Screen made of 5mm thermal-shock resistant tempered glass.
Goniometer scale to aim light.
It complies with standards EN 60598-1 and EN 60598-2-5.

Source
Available with conventional lamps.

Installation
Engineering plastic control gear box.
PG16 engineering plastic cable gland.
Galvanized and painted steel support bracket.

Accessori, vedi pag. 390.
Accessories, see page 390.

CORRETTO ORIENTAMENTO DEGLI APPARECCHI CONTRO L'INQUINAMENTO LUMINOSO.
CORRECT FIXTURE ORIENTATION TO LIMIT LIGHT POLLUTION.



Cassetta di cablaggio in tecnopolimero.
Technopolymer control gear box.



Cablaggio con portalampada in ceramica e cavi in silicone resistenti alle alte temperature.
Wired with ceramic lamp-holder and silicone cables resistant to high temperatures.

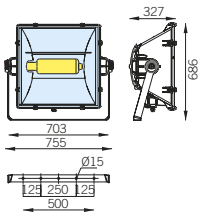


Scala goniometrica.
Angle scale.

fascio concentrante > *narrow beam*

16

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
W8280	1x **1000W MT** E40	●	⏚	85000			4300	55	20,40
W8281	1x **2000W MT** E40	●	⏚	190000			4600	55	21,00
W8282	1x **2000W MT** E40	●	⏚	205000			4200	55	21,00
W8288	1x **1000W ST** E40	●	⏚	130000			2000	25	20,80



Adatto per l'illuminazione di grandi aree come aeroporti e parcheggi, per l'illuminazione architettonica e di impianti sportivi.
Suitable for illuminating very wide areas such as airports, parking lots and sports facilities and for architectural illumination.

IP65 IK09 0,35 m²



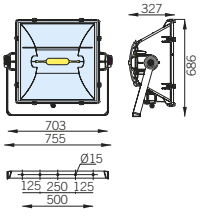
Cassetta alimentazione e lampada da ordinare separatamente.
Control gear and lamp to be ordered separately.

Lamp Code	Lamp Type		lumen	CRI	K	Suitable for floodlight code:		Kg
W8970-11	E	E40 **1000W MT** 8,25A 230 Volt	85.000	65	4300	**W8280**	●	0,30
W8971-11	E	E40 **2000W MT** 16,5A 230 Volt	190.000	65	4600	**W8281**	●	0,52
W8972-11	I	E40 **2000W MT** 8,8A 400 Volt	205.000	65	4200	**W8282**	●	0,55
W8978-11	E	E40 **1000W ST**	130.000	25	2000	**W8288**	●	0,28

fascio concentrante > *narrow beam*

16

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
W8285	1x **2000W MN** K12s-36	●	⏚	230000			4400	80	20,80



Adatto per l'illuminazione di grandi aree come terminal industriali, impianti sportivi con riprese televisive e in particolare dove occorre offrire una buona resa cromatica.
Suitable for illuminating wide areas such as industrial terminals, sports facilities with television coverage and wherever good colour rendering is required.

IP65 IK09 0,35 m²



Cassetta alimentazione e lampada da ordinare separatamente.
Control gear and lamp to be ordered separately.

Lamp Code	Lamp Type		lumen	CRI	K	Suitable for floodlight code:		Kg
W8974-21		HQI-TS **2000W/N/L** 10,3A 400 Volt	230.000	<80	4400	**W8285**	●	0,32

fascio concentrante > *narrow beam*

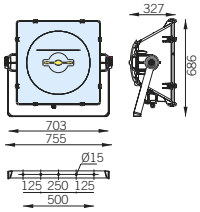


Cassetta alimentazione e lampada da ordinare separatamente.
Control gear and lamp to be ordered separately.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
W8287	1x **2000W MN** K12s-36	●	⏚	203000			5800	90	19,40

Adatto per l'illuminazione di grandi impianti sportivi professionali con riprese televisive e in tutte le aree dove occorre assicurare un elevato valore di illuminamento e una buona resa cromatica.
Suitable for illuminating huge professional sports facilities with television coverage and all areas where surface light density and good colour rendering must be obtained.

IP65 IK09 0,35 m²



Lamp Code	Lamp Type		lumen	CRI	K	Suitable for floodlight code:		Kg
W8976-21		HQI-TS **2000W/D/S** 11,3A 400 Volt	203.000	90	5800	**W8287**	●	0,35

fascio diffondente > *wide beam*

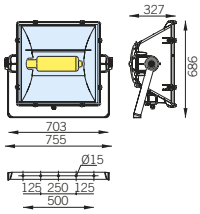


Cassetta alimentazione e lampada da ordinare separatamente.
Control gear and lamp to be ordered separately.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
W8283	1x **1000W MT** E40	●	⏚	85000			4300	65	19,40
W8284	1x **2000W MT** E40	●	⏚	205000			4200	65	19,20
W8286	1x **1000W ST** E40	●	⏚	130000			2000	25	20,80

Adatto per l'illuminazione di grandi aree come aeroporti e parcheggi, per l'illuminazione architettonica e di impianti sportivi.
Suitable for illuminating very wide areas such as airports, parking lots and sports facilities and for architectural illumination.

IP65 IK09 0,35 m²



Lamp Code	Lamp Type		lumen	CRI	K	Suitable for floodlight code:		Kg
W8970-11	E	E40 **1000W MT** 8,25A 230 Volt	85.000	65	4300	**W8283**	●	0,30
W8972-11	I	E40 **2000W MT** 8,8A 400 Volt	205.000	65	4200	**W8284**	●	0,55
W8978-11	E	E40 **1000W ST**	130.000	25	2000	**W8286**	●	0,28

fascio diffondente > *wide beam*

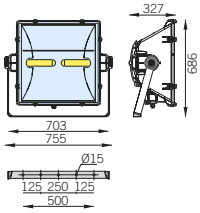


Cassetta alimentazione da ordinare separatamente.
Lampade incluse.
Control gear to be ordered separately.
Lamps included.

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
W8289	1x **400W MT** E40 +			32500		●	4500		
	1x **400W ST** E40	●	⏚	+ 55000		●	2000		20,60

L'ottica è studiata per ottenere un'ottima miscelazione cromatica tra le due lampade, sodio alta pressione e alogenuri metallici. Adatto all'illuminazione di facciate di edifici e aree di parcheggio.
The reflector has been designed to offer optimum colour mix from high pressure sodium and metal halide lamps. Suitable for illuminating building facades and parking lots.

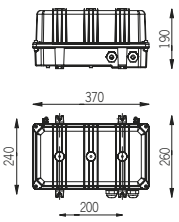
IP65 IK09 0,35 m²



E40 **400W MT** E40 **400W ST**

cassetta di alimentazione > *control gear box*





Box Code	WATT		LAMP	Suitable for floodlight code:	CR	Kg
W8980-16	1000		E40 **1000W MT** 8,25A 230 Volt	**W8280 - W8283**	●	12,40
W8981-16	2000		E40 **2000W MT** 16,5A 230 Volt	**W8281**	●	15,20
W8982-16	2000		E40 **2000W MT** 8,6-8,8A 400 Volt	**W8282 - W8284**	●	14,00
W8983-16	1000		E40 **1000W ST** 230 Volt	**W8286 - W8288**	●	12,40
W8984-16	2000		HQI-TS **2000W/N/L** 10,3A 400 Volt	**W8285**	●	15,20
			HQI-TS **2000W/D/S** 11,3A 400 Volt	**W8287**		
W8985-16	400		E40 **400W MT** 230 Volt	**W8289**	●	10,00
	400		E40 **400W ST** 230 Volt			

Corpo in alluminio pressofuso EN 47100 con ampie alettature di raffreddamento verniciato a polvere poliestere in doppio strato resistente alla corrosione, agli agenti atmosferici e alle nebbie saline. Cablaggio rifasato su piastra asportabile in acciaio zincata. Pressacavo PG16.
EN 47100 die-cast aluminium body with wide cooling fins. Double layer polyester powder paint resistant to corrosion, atmospheric conditions and salt spray fog. Wiring on removable zinc-plated steel plate. PG16 cable glande.

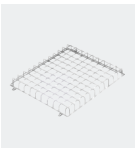
IP65

accessori > *accessories*



Code		Kg
W8999-12	●	3,60

Frangiluce a lamelle in acciaio verniciato a polvere.
Powder-painted steel louvred light-screen.



Code		Kg
W8998	●	1,80

Griglia di protezione in acciaio cromato.
Chrome-plated steel protection grid.

ARTICOLI IN FINE PRODUZIONE
PHASED-OUT PRODUCTS



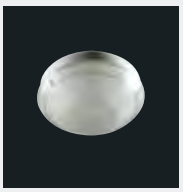
392
RADON



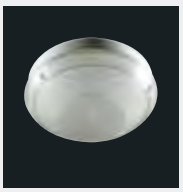
392
TALLIO



393
SQUARE



393
SELENIO1



393
SELENIO2



394
FOBO2



394
BOULEVARD



395
ECO



396
DELPHI



396
DELPHI



396
CRONO



397
CRONO1



397
CRONO2



398
HIGH SPOT-IN

RADON • diffondente - con vetro > *diffusing - with glass*

12 ● 21 ●



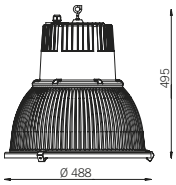
Disponibile fino a esaurimento scorte.
Available while stocks last.

130°

Code	WATT	CR	COMM	CREM	Class	Lumen sorgente Source lumen	LAMP	K	Kg	L
L5771	1x **250W ME** E40	●	●	●	⏚	1x 18000	●	4500	7,30	
L5772	1x **400W ME** E40	●	●	●	⏚	1x 32500	●	4500	8,40	

E40
250W ME
400W ME

IP66 850°C



RADON • concentrante - con vetro > *narrow beam - with glass*

12 ● 21 ●



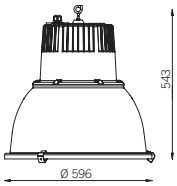
Disponibile fino a esaurimento scorte.
Available while stocks last.

47°

Code	WATT	CR	COMM	CREM	Class	Lumen sorgente Source lumen	LAMP	K	Kg	L
L5781	1x **250W ME** E40	●	●	●	⏚	1x 18000	●	4500	7,30	
L5782	1x **400W ME** E40	●	●	●	⏚	1x 32500	●	4500	8,40	

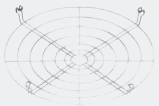
E40
250W ME
400W ME

IP66 850°C



accessori RADON > RADON *accessories*

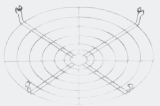
L5771 ÷ L5774



Code		Kg
L5967	●	0,40

Griglia di protezione in acciaio cromato.
Chrome-plated steel protection grid.

L5781 ÷ L5784



Code		Kg
L5949	●	0,50

Griglia di protezione in acciaio cromato.
Chrome-plated steel protection grid.

TALLIO • diffondente > *diffusing*

12 ● 21 ●



Da utilizzare completo di vetro di protezione (cod. L5966) come indicato dal costruttore di lampade.
To be used complete with protection glass (code L5966) as indicated by the lamp producer.

Disponibile fino a esaurimento scorte.
Available while stocks last.

116°

Code	WATT	CR	COMM	CREM	Class	Lumen sorgente Source lumen	LAMP	K	Kg	L
L5680	1x **150W MC** E27	●	●	●	⏚	1x 12500	●	4000	5,65	
L5681	1x **250W ME** E40	●	●	●	⏚	1x 18000	●	4500	5,75	
L5682	1x **400W ME** E40	●	●	●	⏚	1x 32500	●	4500	6,75	
L5683	1x **250W SE** E40	●	●	●	⏚	1x 29000	●	2000	6,75	
L5684	1x **400W SE** E40	●	●	●	⏚	1x 49000	●	2000	8,20	

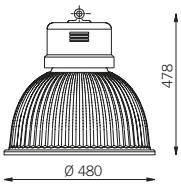
E40
250W SE **250W ME**
400W SE **400W ME**

E27
150W MC

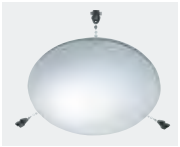
IP23
Senza diffusore
Without diffuser

IP43
Con diffusore
With diffuser

850°C



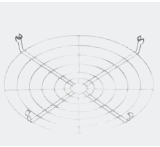
accessori TALLIO > TALLIO *accessories*



Code		Kg
L5966	●	1,40

Diffusore in vetro temperato resistente agli shock termici.
Tempered thermal-shock resistant glass diffuser.

IP43
Con diffusore
With diffuser



Code		Kg
L5967	●	0,40

Griglia di protezione in acciaio cromato.
Chrome-plated steel protection grid.

SQUARE • con frangiluce > *with louvre*

11 ○ 12 ● 21 ●



Disponibile fino a esaurimento scorte.
Available while stocks last.

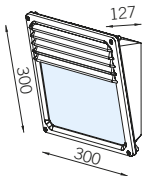
Code	WATT	C	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
asimmetrico > *asymmetrical*										
P7147	1x **18W FSQ** G24 d-2	●	●	⏚	1200		●	4000	80	2,92
P7148	1x **26W FSQ** G24 d-3	●	●	⏚	1800		●	4000	80	3,09



G24 d-2 **18W FSQ**
G24 d-3 **26W FSQ**

Schermo in vetro sabbiato, temperato resistente agli shock termici.
Frosted thermal-shock resistant tempered glass screen.

IP55 IK09

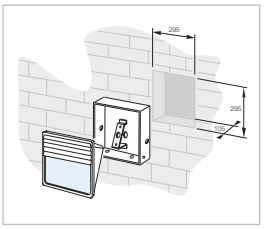


accessori > *accessories*



Code		Kg
Q7198	●	2,10

Controcassa in acciaio zincato.
Zinc-plated steel recessed-box.





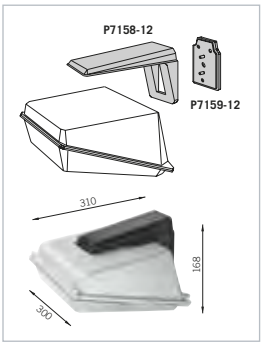
Code		Kg
P7158-12	●	0,40

Basetta in pressofusione di alluminio per attacco a parete.
Die-cast aluminium wall bracket for wall mounting.



Code		Kg
P7159-12	●	0,05

Controbasetta per attacco a parete in tecnopolimero.
Technopolymer back-bracket for wall mounting.



SELENIO 1

11 ○



Disponibile fino a esaurimento scorte.
Available while stocks last.

Code	WATT	SC	C	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg	L
fascio simmetrico > *symmetrical beam*										
P7001	2x **9W FSD** G23		●	⏚	2x 600	●	4000	80	1,05	
P7004	1x **max15W** E27	●		▣					0,76	
P7004	1x **max75W** E27	●		▣					0,76	



G23 **9W FSD**



E27 **max 15W**

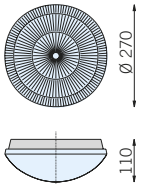


E27 **max 75W**



E27 **LED**

IP65 IK08

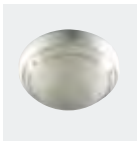


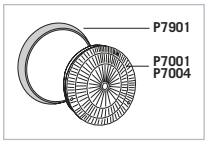
accessori SELENIO 1 > *SELENIO 1 accessories*

11 ○ 12 ●

Code		Kg
P7901-11	●	0,11
P7901-12	●	0,11

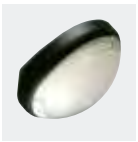
Cornice.
Rim.

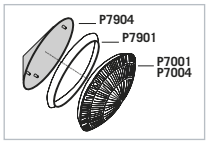




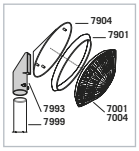
Code		Kg
P7904-11	●	0,24
P7904-12	●	0,24

Mensola inclinata a 45°.
45° tilted bracket.









Code		Kg
P7993-12	●	0,14

Attacco palo singolo.
Pole single attachment.

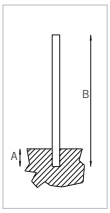




Code		Kg
P7994-12	●	0,18

Attacco palo doppio.
Pole double attachment.





Code		A [cm]	B [cm]	Kg
P7999-17	●	30	175	1,45
P7999-24	●	30	240	2,00
P7999-30	●	40	300	2,55

Palo colore nero, Ø 60 mm in vetroresina, stabilizzato ai raggi UV, non soggetto alla corrosione.
Ø 60 mm black pole in UV rays stabilized corrosion resistant fiber glass reinforced plastic material.

SELENIO 2

11 ○



Disponibile fino a esaurimento scorte.
Available while stocks last.

Code	WATT	SC	C	CEI	Class	Lumen sorgente Source lumen	LAMP	K	CRI	Kg	L
fascio simmetrico > *symmetrical beam*											
P7005	2x **18W FSD** 2G11		●	●	⏚	2x 1200	●	4000	80	2,02	
P7008	2x **max15W** E27	●			▣					1,08	
P7009	1x **max100W** E27	●			▣					1,03	



G23 **18W FSD**



E27 **max 15W**

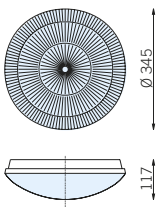


E27 **max 100W**



E27 **LED**

IP65 IK08

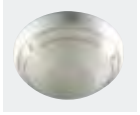


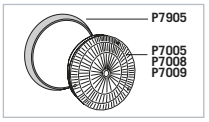
accessori SELENIO 2 > *SELENIO 2 accessories*

11 ○ 12 ●

Code		Kg
P7905-11	●	0,15

Cornice.
Rim.





FOBO 2

11 ○ 12 ● 21 ●

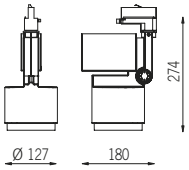


Disponibile fino a esaurimento scorte.
Available while stocks last.

Code	WATT	CEI	DALI	DIMM	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LED	±γ	K	CRI	Kg
fascio concentrante > *narrow beam*												
B3416	**33W LED**	●	●	●	⏚	2300	1750	●		3000	90	1,60
B3417	**33W LED**	●	●	●	⏚	2550	2000	●		4000	90	1,60
fascio medio > *medium beam*												
B3418	**33W LED**	●	●	●	⏚	2300	1650	●		3000	90	1,60
B3419	**33W LED**	●	●	●	⏚	2550	1850	●		4000	90	1,60
fascio diffondente > *wide beam*												
B3426	**33W LED**	●	●	●	⏚	2300	1250	●		3000	90	1,60
B3427	**33W LED**	●	●	●	⏚	2550	1400	●		4000	90	1,60

18° 44° 56°

LED



Accessori, vedi pag. 102.
Accessories, see page 102.

IP20

BOULEVARD • con frangiluce > *with louvre*

12 ● 21 ●

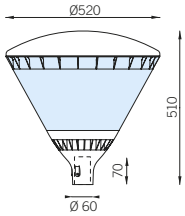


Disponibile fino a esaurimento scorte.
Available while stocks last.

Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
coperchio in poliammide rinforzato > *reinforced nylon cover*									
S7221	1x **100W ME** E27	●	▣	7700		●	4000	80	5,87
S7223	1x **70W SE** E27	●	▣	6300		●	2000		5,59
S7224	1x **100W SE** E40	●	▣	10200		●	2000		6,03
coperchio in alluminio pressofuso > *die-cast aluminium cover*									
S7301	1x **100W ME** E27	●	▣	7700		●	4000	80	7,37
S7303	1x **70W SE** E27	●	▣	6300		●	2000		7,09
S7304	1x **100W SE** E40	●	▣	10200		●	2000		7,53

E27 **100W ME**

E27 **70W SE**
E40 **100W SE**



Accessori, vedi pag. 355.
Accessories, see page 355.

IP65 IK08 0,15 m²

BOULEVARD • luce schermata > *screened light*



Disponibile fino a esaurimento scorte.
Available while stocks last.

Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
coperchio in poliammide rinforzato > *reinforced nylon cover*									
S7228	1x **150W MT** G12	●	▣	14700		●	4200	90	6,50
coperchio in alluminio pressofuso > *die-cast aluminium cover*									
S7308	1x **150W MT** G12	●	▣	14700		●	4200	90	8,00

G12 **150W MT**

Accessori, vedi pag. 355.
Accessories, see page 355.

IP65 IK08 0,15 m²

BOULEVARD • luce schermata > *screened light*



Disponibile fino a esaurimento scorte.
Available while stocks last.

Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
coperchio in poliammide rinforzato > *reinforced nylon cover*									
S7222	1x **70W ST** E27	●	▣	6600		●	2000		6,60
coperchio in alluminio pressofuso > *die-cast aluminium cover*									
S7302	1x **70W ST** E27	●	▣	6600		●	2000		7,50

E27 **70W ST**

Accessori, vedi pag. 355.
Accessories, see page 355.

IP65 IK08 0,15 m²

ECO • proiettori per esterno > *outdoor floodlights*

12 ● 16 ● 21 ●



Disponibile fino ad esaurimento scorte.
Available while stocks last.

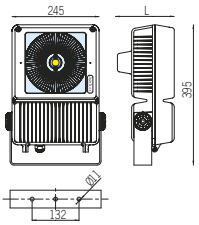


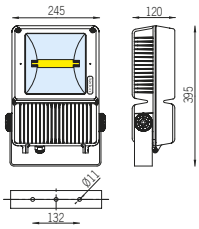
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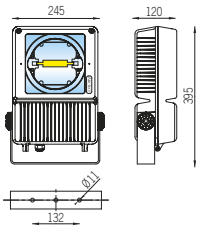


Disponibile fino a esaurimento scorte.
Available while stocks last.

Code	WATT	CR	CEI	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg	L
fascio concentrante rotosimmetrico > *circular symmetrical narrow beam*											
12°x14°											
W8132	1x **70W MD** RX7s	●		⏚	6500		●	4200	80	5,60	120
W8133	1x **150W MD** RX7s	●		⏚	12500		●	4200	80	6,44	120
fascio medio rotosimmetrico > *circular symmetrical medium beam*											
28°											
W8120	1x **70W MT** G12	●		⏚	6800		●	4200	80	6,00	160
W8121	1x **150W MT** G12	●		⏚	14700		●	4200	80	6,66	160
fascio concentrante > *narrow beam*											
21°x61°											
W8130	1x **70W MD** RX7s	●		⏚	6500		●	4200	80	5,55	
W8131	1x **150W MD** RX7s	●		⏚	12500		●	4200	80	6,43	
fascio medio > *narrow beam*											
W8261	1x **70W MD** RX7s	●		⏚	6500		●	4200	80	5,58	
W8262	1x **150W MD** RX7s	●		⏚	12500		●	4200	80	6,45	
fascio diffondente > *wide beam*											
66°x70°											
W8124	1x **70W MD** RX7s	●		⏚	6500		●	4200	80	5,58	
W8125	1x **150W MD** RX7s	●		⏚	12500		●	4200	80	6,45	
W8127	1x **70W ST** E27	●		⏚	6800		●	2000		5,50	
W8110	1x **42W FSM** GX24 q-4		●	⏚	3200		●	4000		4,39	
fascio asimmetrico medio > *asymmetrical medium beam*											
Imax = 40°											
W8265	1x **70W MD** RX7s	●		⏚	6500		●	4200	80	5,58	
W8266	1x **150W MD** RX7s	●		⏚	12500		●	4200	80	6,45	
fascio asimmetrico diffondente > *asymmetrical wide beam*											
Imax = 33°											
W8134	1x **70W MD** RX7s	●		⏚	6500		●	4200	80	5,63	
W8135	1x **150W MD** RX7s	●		⏚	12500		●	4200	80	6,42	
W8137	1x **70W ST** E27	●		⏚	6800		●	2000		5,48	
fascio rotosimmetrico - luce diretta/indiretta > *circular symmetrical beam - direct/indirect light*											
100°											
W8111	1x **70W MD** RX7s	●		⏚	6500		●	4200	80	5,63	
W8112	1x **150W MD** RX7s	●		⏚	12500		●	4200	80	6,42	
fascio asimmetrico - luce diretta/indiretta > *asymmetrical beam - direct/indirect light*											
Imax = 50° / Imax = 25°											
W8114	1x **70 MD** RX7s	●		⏚	6500		●	4200		5,63	
W8115	1x **150 MD** RX7s	●		⏚	12500		●	4200		6,42	







RX7s **70W MD** RX7s **150W MD**
G12 **70W MT** G12 **150W MT**
E27 **70W ST**
GX24 q-4 **42W FSM**

Accessori, vedi pag. 388.
Accessories, see page 388.

IP66 | 850°C | IK08 | 0,08 m²

DELPHI • proiettori per esterno > *outdoor floodlights*

12 ● 16 ● 21 ●



Disponibile fino ad esaurimento scorte.
Available while stocks last.

Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio concentrante > narrow beam									
W8209	1x **70W MD** RX7s	●	⧈	6500		●	4200	80	6,25
W8210	1x **150W MD** RX7s	●	⧈	12500		●	4200	80	7,00
fascio diffondente > wide beam									
W8201	1x **70W MD** RX7s	●	⧈	6500		●	4200	80	6,73
W8202	1x **150W MD** RX7s	●	⧈	12500		●	4200	80	7,48
fascio asimmetrico > asymmetrical beam									
W8205	1x **70W MD** RX7s	●	⧈	6500		●	4200	80	6,70
W8206	1x **150W MD** RX7s	●	⧈	12500		●	4200	80	7,52



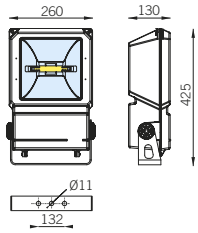




RX7s **70W MD**
RX7s **150W MD**

Accessori, vedi pag. 385-386
Accessories, see page 385-386

IP66 IK07 0,10 m²



DELPHI • arredo urbano > *urban lighting*

12 ● 21 ●



Disponibile fino a esaurimento scorte.
Available while stocks last.

Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
T8230	1x **70W SE** E27	●	⧈	6300		●	2000		6,65
T8231	1x **70W ST** E27	●	⧈	6600		●	2000		6,65
T8232	1x **100W ME** E27	●	⧈	7700		●	4000	80	6,97





E27 **70W SE**

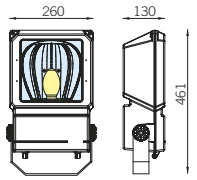


E27 **70W ST**



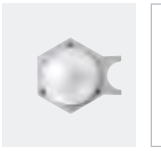
E27 **100W ME**

IP66 IK07 0,10 m²



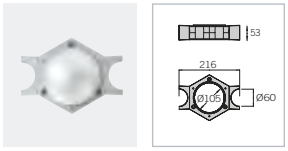
accessori per palo Ø 102 mm > *Ø 102 mm pole accessories*

12 ● 21 ●



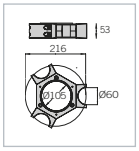
Code		Kg
T8995	●	0,75

Attacco palo monoposto.
Pole attachment for 1 light fitting.



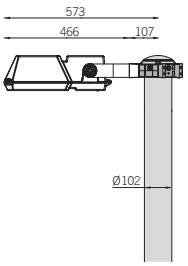
Code		Kg
T8996	●	0,90

Attacco palo 2 posti.
Pole attachment for 2 light fittings.



Code		Kg
T8997	●	1,04

Attacco palo 3 posti.
Pole attachment for 3 light fittings.



CRONO • proiettori per esterno > *outdoor floodlights*

12 ● 21 ●





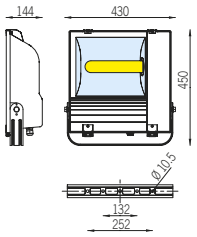
Disponibile fino a esaurimento scorte.
Available while stocks last.

Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio simmetrico > symmetrical beam									
W8166	1x **250W MT** E40	●	⏚	20500		●	4500		8,10
W8167	1x **400W MT** E40	●	⏚	32000		●	4500		9,05
W8168	1x **250W ST** E40	●	⏚	32000		●	2000		9,78
W8169	1x **400W ST** E40	●	⏚	55000		●	2000		10,70
fascio asimmetrico > asymmetrical beam									
W8176	1x **250W MT** E40	●	⏚	20500		●	4500		8,10
W8177	1x **400W MT** E40	●	⏚	32000		●	4500		9,05
W8178	1x **250W ST** E40	●	⏚	32000		●	2000		9,78
W8179	1x **400W ST** E40	●	⏚	55000		●	2000		10,70

E40 **250W MT**
E40 **400W MT**

E40 **250W ST**
E40 **400W ST**

IP66 850°C IK07 0,16 m² 03



accessori > *accessories*



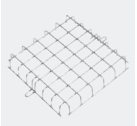
Visiera in acciaio verniciata a polvere.
Powder-painted steel visor.

Code		Kg
W8966-12	●	0,90



Frangiluce a lamelle in acciaio verniciato a polvere.
Powder-painted steel louvred light-screen.

Code		Kg
W8967-12	●	0,85



Griglia di protezione in acciaio cromato.
Chrome-plated steel protection grid.

Code		Kg
W8968	●	0,35

CRONO 1

12 ● 21 ●

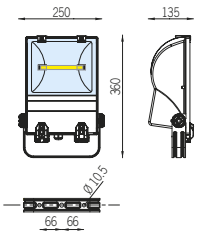


Disponibile fino a esaurimento scorte.
Available while stocks last.

Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio simmetrico > *symmetrical beam*									
W8240	1x **70W MD** RX7s	●	⏚	6500		●	4200		3,65
fascio asimmetrico > *asymmetrical beam*									
W8246	1x **70W MD** RX7s	●	⏚	6500		●	4200		3,65

RX7s **70W MD**

IP66 | 850°C | IK08 | 0,08 m³



CRONO 2

12 ● 21 ●

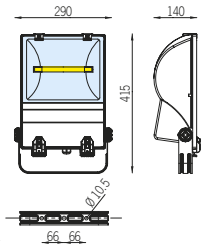


Disponibile fino a esaurimento scorte.
Available while stocks last.

Code	WATT	CR	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	K	CRI	Kg
fascio simmetrico > *symmetrical beam*									
W8250	1x **150W MD** RX7s	●	⏚	12500		●	4200		4,65
fascio asimmetrico > *asymmetrical beam*									
W8256	1x **150W MD** RX7s	●	⏚	12500		●	4200		4,65

RX7s **150W MD**

IP66 | 850°C | IK08 | 0,09 m³



accessori CRONO1-2 > *CRONO1-2 accessories*



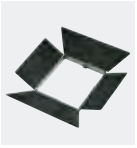
Code		Kg
CRONO1		
W8911-12	●	0,40
CRONO2		
W8916-12	●	0,50

Visiera in acciaio verniciata a polvere.
Powder-painted steel visor.



Code		Kg
CRONO1		
W8912-12	●	0,40
CRONO2		
W8917-12	●	0,50

Frangiluce a lamelle in acciaio verniciato a polvere.
Powder-painted steel louvred light-screen.



Code		Kg
CRONO1		
W8910-12	●	1,10
CRONO2		
W8915-12	●	1,30

Frangiluce con alette orientabili in acciaio verniciato a liquido acrilico con wash-primer.
Light-screen with adjustable fins in stainless steel painted with acrylic fluid with wash primer.



HIGH SPOT-IN • 12 Volt

21

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Kg
fascio medio > *medium beam*										
E3000 ○	1x **35W HMG** G53	●				●	50	3000	100	0,95
E3001 ○	1x **50W HMG** G53	●				●	50	3000	100	0,95
E3020 □	1x **35W HMG** G53	●				●	50	3000	100	1,06
E3021 □	1x **50W HMG** G53	●				●	50	3000	100	1,06

24°

199 / 199 / 123

12 Volt
G53 **HMG**

Trasformatore da ordinare separatamente, vedi pag. 398.
Transformer to be ordered separately, see page 398.

190x190mm

IP20 IP23 850°C



HIGH SPOT-IN • 12 Volt

21

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Kg
fascio medio > *medium beam*										
E3002 ○	2x **35W HMG** G53	●				●	50	3000	100	1,40
E3003 ○	2x **50W HMG** G53	●				●	50	3000	100	1,40
E3022 □	2x **35W HMG** G53	●				●	50	3000	100	1,66
E3023 □	2x **50W HMG** G53	●				●	50	3000	100	1,66

24°

364 / 199 / 123

12 Volt
G53 **HMG**

Trasformatore da ordinare separatamente, vedi pag. 398.
Transformer to be ordered separately, see page 398.

350x190mm

IP20 IP23 850°C



HIGH SPOT-IN • 12 Volt

21

Code	WATT	SC	Class	Lumen sorgente Source lumen	Lumen apparecchio Luminaire lumen	LAMP	±γ	K	CRI	Kg
fascio medio > *medium beam*										
E3004 ○	3x **35 HMG** G53	●				●	50	3000	100	2,08
E3005 ○	3x **50 HMG** G53	●				●	50	3000	100	2,08
E3024 □	3x **35 HMG** G53	●				●	50	3000	100	2,27
E3025 □	3x **50 HMG** G53	●				●	50	3000	100	2,27

24°

528 / 199 / 123

12 Volt
G53 **HMG**

Trasformatore da ordinare separatamente, vedi pag. 398.
Transformer to be ordered separately, see page 398.

515x190mm

IP20 IP23 850°C

trasformatore elettronico > *electronic transformer*

12 Volt



12 Volt
G53 **HMG**

Alogena dicroica
Halogen dichroic

Adatto per apparecchi codice:
Suitable for articles code:
E3000 ÷ E3031

Code	mA	WATT	CEI	Kg
IP20				
E2172 CEI		20-105	●	0,15
E2173 CEI		50-150W	●	0,16
E2175 CEI		50-250W	●	0,25

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CONDIZIONI GENERALI DI VENDITA

Il presente listino sostituisce ed annulla tutti i precedenti. I prezzi indicati si intendono I.V.A. esclusa. ARCLUCE S.p.a. ("ARCLUCE") si riserva il diritto di modificare senza preavviso il presente listino.

1. CONSEGNE

Qualsiasi termine di consegna pattuito è puramente orientativo e dipende dalle possibilità di produzione.

In nessun caso e per nessun motivo ARCLUCE è responsabile per qualsiasi danno diretto ed indiretto causato da consegne non tempestive.

ARCLUCE si ritiene autorizzata ad evadere parzialmente gli ordini secondo la disponibilità, senza pregiudizio per quanto concerne i pagamenti, anche se l'ordine non fosse totalmente evaso.

La consegna può avvenire soltanto se il committente ha regolarmente adempiuto ai propri obblighi nei confronti di ARCLUCE.

Il superamento dei termini di consegna non determina il diritto a richiedere risarcimento per danni, né a trattenere somme dovute ad ARCLUCE, né ad annullare gli ordini in corso.

2. LUOGO DI CONSEGNA - SPEDIZIONE - RISCHI

La merce viaggia a rischio e pericolo del committente, anche se per particolari condizioni viene venduta franco destino.

Il committente ha l'obbligo di verificare la quantità e lo stato della merce al momento della consegna da parte del vettore.

Nel caso di anomalie quali perdite, manomissioni, avarie il committente sarà tenuto ad esperire direttamente nei confronti del vettore medesimo ogni suo diritto.

In mancanza di disposizioni particolari da parte del committente, ci riteniamo autorizzati ad utilizzare il mezzo di trasporto ad esso più idoneo.

3. ANNULLAMENTO

Gli ordini non possono essere annullati se non con l'accordo di ARCLUCE. In ogni caso, se i prodotti ordinati sono stati personalizzati su richiesta del committente, saranno fatturati interamente, così come gli ordini annullati più di 15 giorni dopo la conferma d'ordine di ARCLUCE.

4. RESI - RECLAMI QUANTITA' - QUALITA'

Nessun reso di merce verrà accettato se non preventivamente da noi autorizzato per iscritto.

Eventuali resi di merce, sempreché autorizzati, dovranno pervenire al nostro magazzino in porto franco ed accompagnati da relativo documento sul quale dovranno chiaramente comparire gli estremi della fattura relativa ad ogni singolo prodotto agli effetti I.V.A. art. 26 D.P.R. 26/10/72 N°633.

Il committente sarà tenuto a comunicare per iscritto eventuali reclami relativi a quantità, tipo, difetti riscontrati sui prodotti entro e non oltre 8 giorni dal suo ricevimento. In difetto non sarà concesso alcun risarcimento o sostituzione.

Caratteristiche, disegni e dimensioni raffigurate nel presente catalogo non sono impegnative e potranno essere modificate senza alcun preavviso

5. PAGAMENTI

Qualsiasi mancato pagamento alla scadenza della fattura ha per conseguenza l'esigibilità immediata di tutte le somme dovute ad ARCLUCE e l'applicazione automatica, a partire dal giorno della scadenza e senza altra intimazione, di penali per il ritardo.

Il committente non potrà esercitare il diritto di ritenzione o invocare qualsiasi compensazione con i crediti che potrebbe eventualmente fare valere nei confronti di ARCLUCE

6. SOSPENSIONE DELLE CONSEGNE

In caso di insolvenza, come pure nel caso di incapacità commerciale del committente od in caso di qualsiasi variazione nella ragione sociale dello stesso, sarà nostra facoltà sospendere o annullare totalmente le forniture ai sensi ed agli effetti dell'art. 1461 cod. civ..

7. GARANZIA

ARCLUCE garantisce che i prodotti installati in conformità alle istruzioni di montaggio fornite insieme all'apparecchio e alle norme vigenti per l'installazione del materiale elettrico sono esenti da vizi di fabbricazione. Tale garanzia ha una durata di 24 mesi dalla data della fattura emessa da ARCLUCE.

Nel caso in cui il prodotto dovesse rilevare vizi coperti dalla presente garanzia, ARCLUCE procederà, a sua discrezione, alla riparazione e/o sostituzione del prodotto con un prodotto uguale o equivalente, compatibilmente con il progresso tecnologico intercorso rispetto al prodotto originale.

La garanzia non copre le parti soggette a normale usura come, per esempio, lampade, interruttori o qualunque altra parte elettrica o meccanica soggetta a normale usura.

Le parti convengono che la responsabilità di ARCLUCE è esclusa relativamente all'indennizzo dei danni indiretti del committente, quali la perdita di mercato, la perdita di clientela e generalmente di ogni danno di natura commerciale che potrebbe derivare da difficoltà legate agli ordini, come pure ai reclami di terzi.

La responsabilità di ARCLUCE è in ogni caso limitata all'importo del prezzo fatturato dalla ARCLUCE per i prodotti che ha fornito e si risolve, a scelta di ARCLUCE, con la sostituzione delle merci o il pagamento di un risarcimento equivalente.

8. RISERVA DI PROPRIETA'

PER TUTTE LE VENDITE CONCLUSE TRA ARCLUCE ED IL COMMITTENTE, IL TRASFERIMENTO DI PROPRIETÀ È SUBORDINATO AL PAGAMENTO INTEGRALE DEL PREZZO PRINCIPALE, DEGLI INTERESSI ED OGNI SPESA ACCESSORIA DA PARTE DEL COMMITTENTE, CHE SI IMPEGNA FINO A QUEL MOMENTO A NON DISPORRE DELLE MERCI VENDUTE E AD INFORMARE IMMEDIATAMENTE ARCLUCE DI QUALSIASI FATTO DI TERZI CHE HA PER OGGETTO O PER EFFETTO IL PREGIUDIZIO DEL DIRITTO DI PROPRIETÀ DI ARCLUCE.

Il committente può rivendere le merci soltanto se non è in ritardo nel pagamento, e se lo stesso ha stipulato con i propri acquirenti una clausola di riserva di proprietà vincolante almeno quanto la presente.

In caso di rivendita delle merci prima del pagamento integrale, la vendita tra ARCLUCE e il committente sarà risolta automaticamente e le merci saranno in questo caso considerate rivendute per conto di ARCLUCE.

Nonostante la riserva di proprietà, ogni rischio relativo alle merci consegnate è a carico del committente fin dalla consegna delle merci al trasportatore o al committente.

Il committente dovrà assicurare le merci per conto proprio o di terzi e ne dovrà poter dare riscontro in qualsiasi momento a ARCLUCE. Le merci giacenti in magazzino sono considerate essere quelle non pagate.

9. RISOLUZIONE PER INADEMPIMENTO

In caso di inadempimento da parte del committente dei propri obblighi tutte le vendite concluse e non ancora pagate saranno risolte automaticamente senza preavviso, fatto salvo il diritto di chiedere i danni ulteriori al committente.

10. DIRITTO APPLICABILE E GIURISDIZIONE

Ogni questione relativa alle presenti condizioni generali di vendita e/o alle operazioni che disciplinano sarà disciplinata dal diritto italiano.

Il Tribunale di Milano è l'unico competente per la risoluzione delle controversie tra ARCLUCE e i suoi committenti.

PER QUANTO NON CONTEMPLATO NELLE PRESENTI CONDIZIONI GENERALI DI VENDITA, FARANNO TESTO LE NORME DI LEGGE VIGENTI.

LA NOSTRA POLITICA E' IL CONTINUO MIGLIORAMENTE DEL PRODOTTO. PERTANTO CI RISERVIAMO IL DIRITTO DI MODIFICARE LE CARATTERISTICHE DELLE APPARECCHIATURE SENZA PREAVVISO. TUTTE LE INFORMAZIONI SONO DATE IN BUONA FEDE.

NESSUNA RESPONSABILITA' CI PUO' ESSERE IMPUTATA PER ERRORI, OMISSIONI O IMPROPRIE INTERPRETAZIONI.

FOTOGRAFIE E DISEGNI SONO NEL LIMITE DELLA QUALITA' DELLA RIPRODUZIONE DI STAMPA E NON VINCOLANTI.

GENERAL CONDITION OF SALE

The present price list replaces and nullifies all previous price lists. The indicated prices are net of V.A.T. ARCLUCE S.p.a. ("ARCLUCE") reserves the right to modify the present price list without prior notification.

1. DELIVERIES

Any delivery terms agreed on are purely indicative and dependent on the manufacturing possibilities. In no case and for no reason shall ARCLUCE be held responsible for any damage, direct or indirect, caused by non- punctual deliveries.

ARCLUCE shall be authorized to make partial shipments of orders according to availability, without prejudicing the payments, even if the order is not completely filled.

Products can be delivered only if the purchaser punctually honored the obligations towards ARCLUCE.

2. PLACE OF DELIVERY, SHIPMENTS, RISKS

The goods travel at the risk and danger of the purchaser, even if, due to special agreements, they are carriage paid.

The purchaser must verify the quantity and the conditions of the goods at the time of delivery by the carrier.

In case of defects, such as shortages, mishandling, malfunctions, the purchaser shall take all appropriate steps within his rights against the carrier.

Without specific instructions from the purchaser, we shall be authorized to used the means of transport that are most suitable.

3. CANCELLATION

Orders can be cancelled only with the agreement of ARCLUCE. In any case, if ordered products have been personalized on the basis of a purchaser request, purchaser shall pay the whole original price, as well as the orders cancelled more than 15 days after order confirmation by ARCLUCE.

4. RETURNS, QUANTITY AND QUALITY CLAIMS

No returned goods will be accepted without our prior written authorization.

Any returned goods that are duly authorized must be shipped to our plants free of charge and accompanied by the related document which clearly specifies the invoice details related to each single product, by effects of V.A.T. art. 26 D.P.R. 26/10/72 N° 633.

The purchaser must communicate in writing any complaints related to the quantity, type or defects of the products within and no later than 8 days from their receipt. In default, no reimbursement or replacement will be considered.

The characteristics, drawings and sizes shown in the present catalogue are not binding and may be changed without prior notice.

5. PAYMENT

In case of delayed payment at the expiration of the invoice, ARCLUCE can ask immediately all amounts owed and the penalties for the delay, starting from the date of the delay and without any other notice.

The purchaser will not have right of retention or right of compensation with any kind of credits he could have towards ARCLUCE.

6. SUSPENSION OF THE DELIVERIES

In case of insolvency, as in cases of commercial incapacity of the purchaser or in case of any variation in the legal name of the purchaser, ARCLUCE shall suspend or totally cancel the supply of products as per Article 1461 of the Italian Civil Code.

7. LIABILITY

ARCLUCE ensures that the products installed in accordance to the mounting instructions associated to the fittings and to applicable regulations for the installation of electrical equipment are free from faults in manufacturing for a period of 24 months from the date of invoice issued by ARCLUCE.

If the product reveals faults covered by this guarantee, ARCLUCE will proceed at its discretion, for repair and / or replacement of the product with a product equal or equivalent, in line with technological improvement compared to the original product.

The guarantee doesn't cover parties subject to normal wear, such as lamps, switches or any other electrical or mechanical element subject to normal wear.

The parties agree that ARCLUCE shall not liable for indirect damages occurred to the purchaser, as for instance the loss of the market, the loss of clients and in general every kind of commercial damage that could occur from problems related to orders or to clients claims.

ARCLUCE's liability is in any case limited to the price the purchaser paid for the products; ARCLUCE can decide whether to change the products or to refund the price as compensation.

8. RETENTION OF OWNERSHIP

FOR ALL PURCHASES THAT OCCURRED BETWEEN ARCLUCE AND ITS CLIENTS, THE TITLE OF THE OWNERSHIP OF THE GOODS REMAINS VESTED IN THE SELLER UNTIL THE PURCHASER FULFILLS THE PAYMENT OF PRICE, INTEREST AND ANY ADDITIONAL AMOUNTS.

THE PURCHASER WILL NOT SELL OR MANAGE THE GOODS UNTIL HE FULFILLS ALL OF HIS OBLIGATIONS AND SHALL IMMEDIATELY INFORM ARCLUCE OF EVERY ACTION IN DETRIMENT OF HIS PROPERTY RIGHTS.

The purchaser shall sell the goods only if he punctually paid and if he concluded with his clients a retention of title clause of at least the same severity.

If the purchaser sold the goods before having fulfilled the payment, the selling between ARCLUCE and the purchaser will automatically be discharged and the goods will be considered as being sold by ARCLUCE.

Notwithstanding the retention of ownership, every risks related to delivered goods is in charge of the purchaser, starting from the moment of the delivery of the products to the carrier or to the purchaser.

The purchaser shall assure the products on his own name or on the name of a third part and shall be able to give ARCLUCE notice of that in any moment. Products lying in the warehouse are considered as unpaid.

9. BREACH OF THE CONTRACT

In case the purchaser doesn't fulfill the obligations of the contract, ARCLUCE will rescind all unpaid purchases, without any notice; in this case ARCLUCE is entitled to sue for damages.

10. LAW AND JURISDICTION

Any and every dispute related to this general condition of sale and/or about every related transaction shall be governed and interpreted in accordance with Italian law.

Any and every dispute concerning the validity, the meaning or effect of these general conditions of sale shall be submitted to the exclusive competence of the court of Milan.

FOR ANY ISSUE NOT GOVERNED BY THESE GENERAL CONDITIONS OF SALEN, THE PRESCRIPTIONS OF THE LAW IN EFFECT SHALL APPLY.

OUR POLICY IS THE CONSTANT IMPROVEMENT OF THE PRODUCT, THEREFORE, WE RESERVE THE RIGHT TO MODIFY THE CHARACTERISTICS OF THE EQUIPMENT WITHOUT PRIOR NOTIFICATION. ALL INFORMATION IS PRESENTED IN GOOD FAITH.

NO RESPONSIBILITY MAY BE IMPUTED TO US FOR ERRORS, OMISSIONS OR INCORRECT INTERPRETATIONS.

THE PHOTOGRAPHS AND DRAWINGS ARE WITHIN THE LIMIT OF THE QUALITY OF THE PRINTED REPRODUCTION AND ARE NOT BINDING.

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