

SOMOS LUZ
WE ARE LIGHT
NOUS SOMMES LUMIÈRE

 **airfal**
INTERNATIONAL

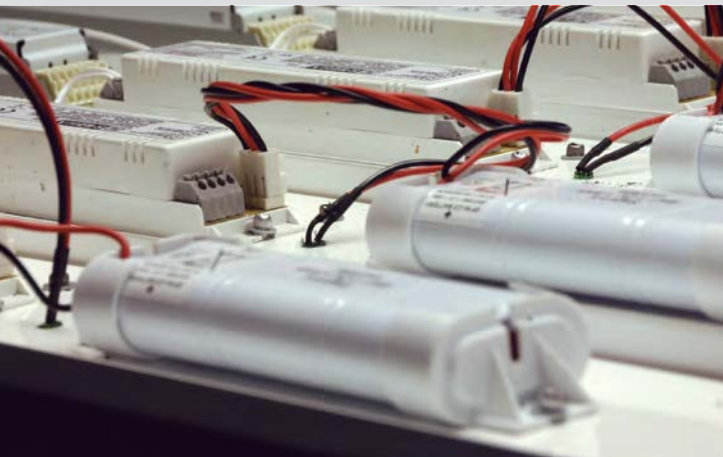
CATÁLOGO / CATALOGUE

SOMOS LUZ
WE ARE LIGHT
NOUS SOMMES LUMIÈRE



CATÁLOGO / CATALOGUE

AIRFAL



HISTORIA

Airfal International nació hace más de 30 años de la mano de Fernando Ariza, que tenía alma de emprendedor y una dilatada experiencia como empresario. Hoy, en la segunda generación, la empresa que ha sabido adaptarse a las novedades tecnológicas, a la competencia nacional e International y a los cambios constantes del mercado.

VISTAS AL FUTURO- PRODUCTO PARA CONDICIONES EXTREMAS

Si el pasado y el presente son buenos, el futuro de Airfal es ilusionante. Estamos centrados en la fabricación de iluminación ATEX, ya que somos pocos los fabricantes españoles de este tipo de luminarias. Además, nos hemos especializado en el desarrollo de iluminación para condiciones extremas, con modelos para zonas de muy altas temperaturas como hornos y campanas industriales o cámaras frigoríficas.

A día de hoy las luminarias de Airfal están presentes en casi todo el mundo, y la exportación supone más del 55% de nuestra facturación aunque esta cifra va en aumento y así se ha reflejado en los objetivos de la compañía.

HISTORY

Airfal International was founded over 30 ago by Fernando Ariza, who had a strong entrepreneurial spirit and extensive experience as a businessman. Today, the second generation is leading a company that has been able to successfully adapt to new technology, to national and international competition and to an ever-changing market.

LOOKING TO THE FUTURE - A PRODUCT FOR EXTREME CONDITIONS

If the past and present were bright, the future of Airfal is brighter. We are working on the manufacturing of ATEX lighting, and we are one of the few Spanish manufacturer producing this type of lighting. We have also specialised in the development of lighting for extreme conditions, including models for areas with very extreme temperatures such as industrial furnaces and hoods or cold-storage rooms.

Nowadays, Airfal lighting can be found throughout the world, and exports represent over 55% of our turnover, although this figure is on the rise and is reflected in the company's objectives.

HISTOIRE

Airfal International a été fondé il y a plus de 30 ans par Fernando Ariza, un entrepreneur dans l'âme possédant une vaste expérience des affaires. Actuellement dirigée par la deuxième génération, l'entreprise a su s'adapter aux nouveautés technologiques, à la concurrence nationale et internationale ainsi qu'à l'évolution constante du marché.

UNE VISION D'AVENIR - UN PRODUIT POUR CONDITIONS EXTRÊMES

Si Airfal peut se targuer d'un passé et d'un présent remarquables, son avenir s'annonce encore plus prometteur. Notre activité est centrée sur la fabrication de luminaires ATEX, étant un des seuls fabricants en Espagne. Nous nous sommes également spécialisés dans la conception de luminaires pour conditions extrêmes, avec des modèles destinés à une utilisation dans des zones exposées à de très hautes ou très basses températures, comme les fours et les hottes industrielles, ou les chambres froides.

À l'heure actuelle, les luminaires d'Airfal sont présents pratiquement partout dans le monde et les exportations représentent plus de 55 % de notre chiffre d'affaires. Ce chiffre est d'ailleurs en augmentation et cela se reflète dans les objectifs de l'entreprise.



EQUIPO AIRFAL

Nuestro equipo es nuestro mayor valor. La dedicación, entrega e ilusión de toda la plantilla es clave para que el trabajo salga delante de un modo satisfactorio. La formación constante y la gran flexibilidad del equipo permiten la adaptabilidad de los productos a la demanda de nuestros clientes y nos permiten estar en aquellos proyectos más complejos.

COMPROMISO SOCIAL, LA ESENCIA DE AIRFAL

Airfal es social desde sus inicios, con la estrecha colaboración con entidades sin ánimo de lucro que trabajan por la inserción social y laboral de personas con discapacidad intelectual. En la actualidad un total de 9 talleres ocupacionales montan las luminarias de alta rotación de Airfal y dos de ellos disponen de un taller ocupacional y un enclave laboral en las instalaciones centrales de la compañía. Airfal se vuelca en la Responsabilidad Social Corporativa e intenta impregnar todo lo que hace con esa filosofía social.

Tenemos la convicción de que estos más de 30 años son sólo los primeros capítulos de una larga historia en la que tenemos mucho que aportar y muchos hitos que alcanzar.

THE AIRFAL TEAM

Our team is our greatest asset. The dedication, commitment and enthusiasm of our entire workforce is key in ensuring that our work progresses satisfactorily. Ongoing training and the great flexibility of our team means that our products can be adapted to meet the requirements of our clients and enable us to work on highly complex projects.

SOCIAL RESPONSIBILITY, THE ESSENCE OF AIRFAL

Airfal has been committed to social responsibility from day one, which has included close cooperation with not-for-profit organisations that work in the field of social and labour integration for people with learning disabilities. Currently, a total of nine employment workshops assemble Airfal lights and have a high staff throughput; two of them include both an employment workshop and supported employment on site. Airfal is committed to corporate social responsibility and endeavours to apply its corporate philosophy to everything it does.

We are convinced that these first 30 years or so have been just the opening chapters of a long story in which we have a lot more to give and many more milestones to reach.

L'ÉQUIPE AIRFAL

Notre plus grande valeur est notre équipe. Le dévouement et l'enthousiasme de l'ensemble des employés sont essentiels pour travailler de manière satisfaisante. La formation permanente et la grande flexibilité de notre équipe nous permettent d'adapter nos produits à la demande de nos clients et de participer à des projets particulièrement complexes.

L'ENGAGEMENT SOCIAL, L'ESSENCE D'AIRFAL

L'engagement social d'Airfal se traduit depuis ses débuts par une étroite collaboration avec des organismes à but non lucratif qui œuvrent pour l'insertion sociale et professionnelle des personnes souffrant d'une déficience intellectuelle. À l'heure actuelle, Airfal travaille avec 9 ateliers professionnels pour l'assemblage de ses luminaires à haute rotation, dont deux d'entre eux disposent d'un atelier professionnel et d'une enclave pour l'emploi dans ses propres installations.

Airfal est fortement impliquée dans la démarche de responsabilité sociale des entreprises et s'efforce d'imprégner toutes ses actions de cette philosophie.

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 **airfal**
INTERNATIONAL



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






















































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LUMINARIAS ESTANCAS

WATERPROOF LUMINAIRES / LUMINAIRES ÉTANCHES



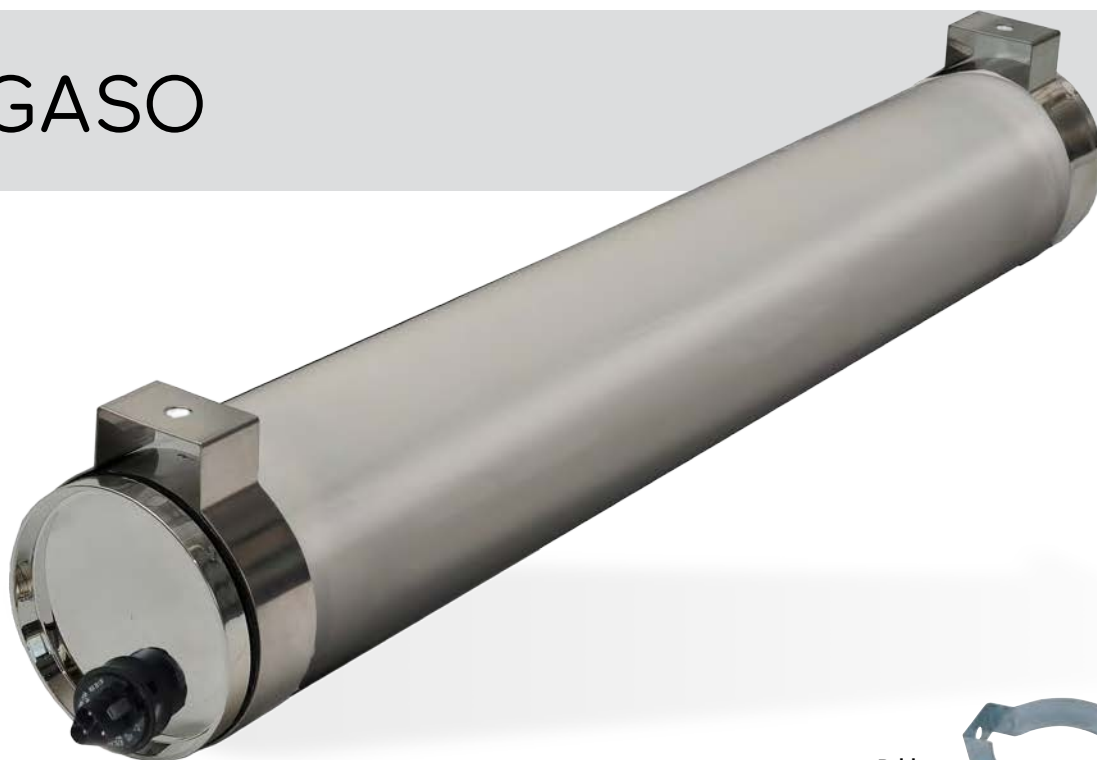


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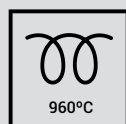
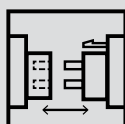
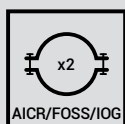
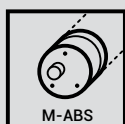
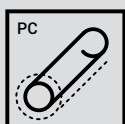
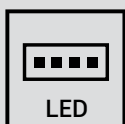
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1.1

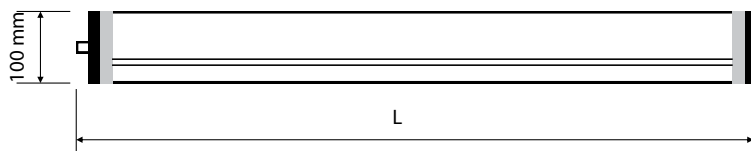
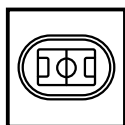
PEGASO



+ Brida
Clamp
Collier



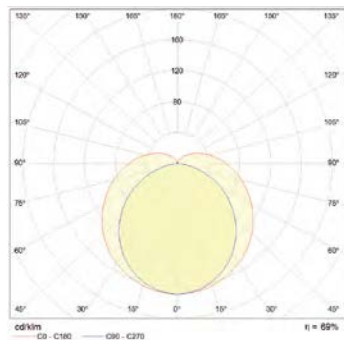
APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



| | | | | | | | |
|-----|----------------|------------|-------|-----------------------|------|--------|------------------|
| RG1 | MACADAM 3/4 | UGR <19 | CR>80 | L70B50 > 50.000 | IK10 | IP68-2 | CE EN 60598-1 |
|-----|----------------|------------|-------|-----------------------|------|--------|------------------|



| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Ancho con brida Width with clamp Largeur avec fixations | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|-----------------------------|------------------------|---|------------------------------------|
| | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | (mm) | |
| PE113 | 600 | 13 | 1490 | 1084 | 3000 | 721 | 100 | 120 | 1 |
| PE114 | 600 | 13 | 1550 | 1127 | 4000 | 721 | 100 | 120 | 1 |
| PE123 | 600 | 16 | 2560 | 1862 | 3000 | 721 | 100 | 120 | 1 |
| PE124 | 600 | 16 | 2670 | 1942 | 4000 | 721 | 100 | 120 | 1 |
| PE213 | 1200 | 24 | 2980 | 2168 | 3000 | 1235 | 100 | 120 | 1 |
| PE214 | 1200 | 24 | 3200 | 2328 | 4000 | 1235 | 100 | 120 | 1 |
| PE223 | 1200 | 32 | 5120 | 3724 | 3000 | 1235 | 100 | 120 | 1 |
| PE224 | 1200 | 32 | 5340 | 3884 | 4000 | 1235 | 100 | 120 | 1 |
| PE313 | 1500 | 29 | 3720 | 2706 | 3000 | 1581 | 100 | 120 | 1 |
| PE314 | 1500 | 29 | 4000 | 2910 | 4000 | 1581 | 100 | 120 | 1 |
| PE323 | 1500 | 40 | 6310 | 4590 | 3000 | 1581 | 100 | 120 | 1 |
| PE324 | 1500 | 40 | 6700 | 4874 | 4000 | 1581 | 100 | 120 | 1 |

ACCESORIOS PEGASO / PEGASO ACCESSORIES / ACCESSOIRES PEGASO

| | |
|---|-------|
| Ref. | Q0349 |
| Suspensión con cable de acero Steel cable suspension Suspension avec câble en acier | |



LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

5 polos / 5 poles / 5 pôles

1-10
DALI

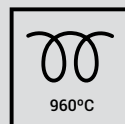
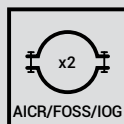
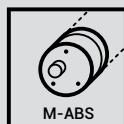
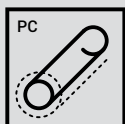
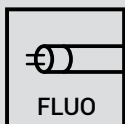
EMERGENCY
1h / 3h

1.2

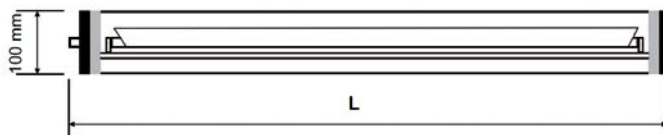
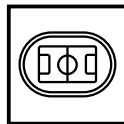
TR1



+ Brida
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IK10

IP68-2

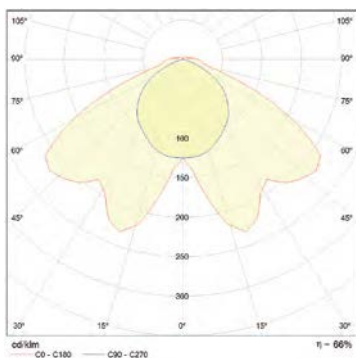
CE

EN 60598-1



Estadio de Fútbol Nuevo San Mamés, Bilbao, España
 New San Mamés Football Stadium, Bilbao, Spain
 Nouveau Stade de Football de San Mamés, Bilbao, Espagne

1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| Q0701 | 14 | ■ | 675 |
| Q0710 | 14 | ● | 675 |
| Q0702 | 21 | ■ | 970 |
| Q0711 | 21 | ● | 970 |
| Q0703 | 28 | ■ | 1.276 |
| Q0712 | 28 | ● | 1.276 |
| Q0704 | 35 | ■ | 1.578 |
| Q0713 | 35 | ● | 1.578 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| Q0705 | 24 | ■ | 675 |
| Q0714 | 24 | ● | 675 |
| Q0706 | 39 | ■ | 970 |
| Q0715 | 39 | ● | 970 |
| Q0707 | 49 | ■ | 1.578 |
| Q0716 | 49 | ● | 1.578 |
| Q0708 | 54 | ■ | 1.276 |
| Q0717 | 54 | ● | 1.276 |
| Q0709 | 80 | ■ | 1.578 |
| Q0718 | 80 | ● | 1.578 |

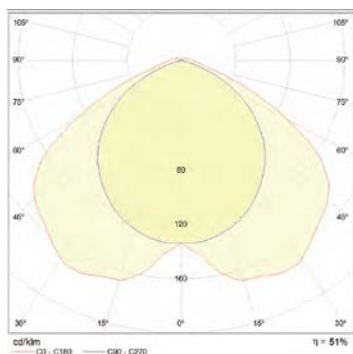
■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

1.2

TR1

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPS



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|---|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| Q0719 | 14 | ■ | 675 |
| Q0728 | 14 | ● | 675 |
| Q0720 | 21 | ■ | 970 |
| Q0729 | 21 | ● | 970 |
| Q0721 | 28 | ■ | 1.276 |
| Q0730 | 28 | ● | 1.276 |
| Q0722 | 35 | ■ | 1.578 |
| Q0731 | 35 | ● | 1.578 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| Q0723 | 24 | ■ | 675 |
| Q0732 | 24 | ● | 675 |
| Q0724 | 39 | ■ | 970 |
| Q0733 | 39 | ● | 970 |
| Q0725 | 49 | ■ | 1.578 |
| Q0734 | 49 | ● | 1.578 |
| Q0726 | 54 | ■ | 1.276 |
| Q0735 | 54 | ● | 1.276 |

■ **Electrónica / Electronic / Électronique**

● **Regulable / Dimmable / Gradable**

OPCIÓN CHAPA MICROPERFORADA CUBREEQUIPOS

MICROPERFORATED BALLAST-COVERING STEEL PLATE OPTION
OPTION GRILLE MICROPERFORÉE CACHE-APPAREILLAGE

Ref luminaria + "C". Ej.: Q0714C

Light fitting ref + "C". Ex.: Q0714C

Ref luminaire + "C". Ex.: Q0714C



| Potencia Watts Puissance |
|--------------------------------|
| (W) |
| 14-24 |
| 21-39 |
| 28-54 |
| 35-49-80 |

ACCESORIOS TR1

TR1 ACCESORIES
ACCESSOIRES TR1

Ref. Q0349

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier



LÍNEA CONTINUA

CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

5 polos / 5 poles / 5 pôles

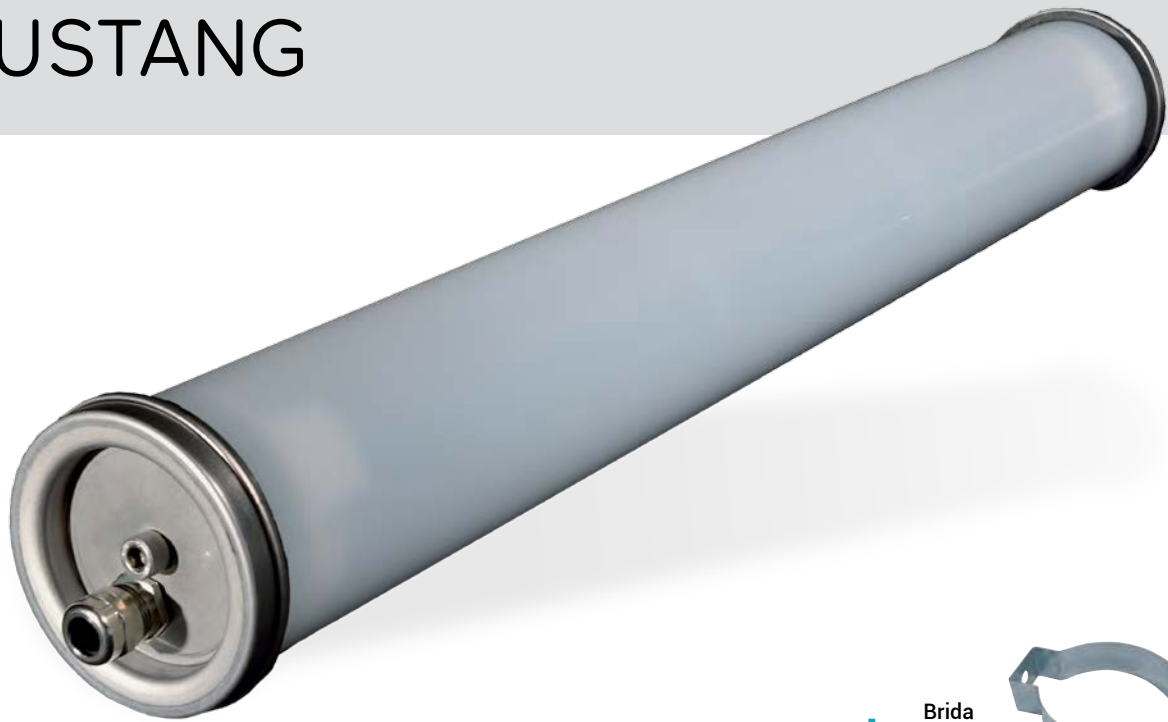
1-10
DALI

EMERGENCY
1h / 3h



1.3

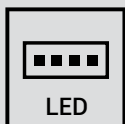
MUSTANG



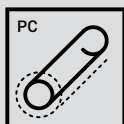
Brida
Clamp
Collier



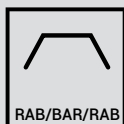
ANTIVANDÁLICA / ANTIVANDALISM / ANTIVANDALISME



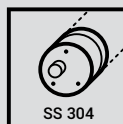
LED



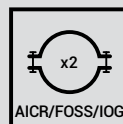
PC



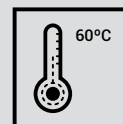
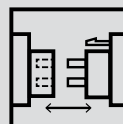
RAB/BAR/RAB



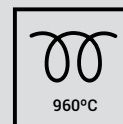
SS 304



x2
AICR/FOSS/IOG

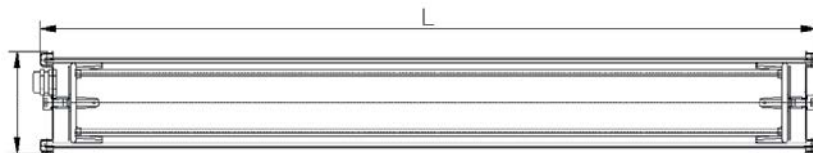
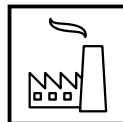
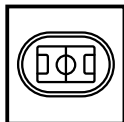
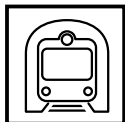


60°C



960°C

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



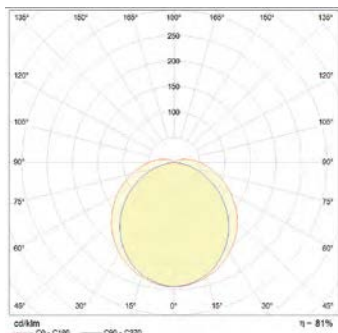
IT - DE



| | | | | | | | |
|-----|----------------|------------|-------|-----------------------|------|-------|------------------|
| RG1 | MACADAM 3/4 | UGR <19 | CR>80 | L70B50 > 50.000 | IK10 | IP69K | CE EN 60598-1 |
|-----|----------------|------------|-------|-----------------------|------|-------|------------------|



| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Ancho con brida Width with clamp Largeur avec fixations | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|-----------------------------|------------------------|---|------------------------------------|
| | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | (mm) | |
| MU113 | 600 | 13 | 1490 | 997 | 3000 | 763 | 100 | 120 | 1 |
| MU114 | 600 | 13 | 1550 | 1037 | 4000 | 763 | 100 | 120 | 1 |
| MU123 | 600 | 16 | 2560 | 1712 | 3000 | 763 | 100 | 120 | 1 |
| MU124 | 600 | 16 | 2670 | 1786 | 4000 | 763 | 100 | 120 | 1 |
| MU213 | 1200 | 24 | 2980 | 1993 | 3000 | 1375 | 100 | 120 | 1 |
| MU214 | 1200 | 24 | 3200 | 2140 | 4000 | 1375 | 100 | 120 | 1 |
| MU223 | 1200 | 32 | 5120 | 3424 | 3000 | 1375 | 100 | 120 | 1 |
| MU224 | 1200 | 32 | 5340 | 3571 | 4000 | 1375 | 100 | 120 | 1 |
| MU313 | 1500 | 29 | 3720 | 2488 | 3000 | 1660 | 100 | 120 | 1 |
| MU314 | 1500 | 29 | 4000 | 2675 | 4000 | 1660 | 100 | 120 | 1 |
| MU323 | 1500 | 40 | 6310 | 4220 | 3000 | 1660 | 100 | 120 | 1 |
| MU324 | 1500 | 40 | 6700 | 4481 | 4000 | 1660 | 100 | 120 | 1 |



ACCESORIOS / ACCESSORIES / ACCESSOIRES

| | | | | |
|------|---|--|--|---|
| Ref. | Q0349 | Q0656 | Q0159 | Q0153 |
| |  |  |  |  |
| | Suspensión con cable de acero Steel cable suspension Suspension avec câble en acier | Bridas de acero inoxidable con protección de caucho Stainless steel clamps Colliers inox antivandalisme | Bridas de acero cincado Zinc-plated steel clamps Colliers en acier galvanisé | Brida de policarbonato Polycarbonate clamp Colliers en polycarbonate |

| | | | | |
|--|-----------------------------|------------|--------------|----------------------|
| LÍNEA CONTINUA CONTINUOUS LINE CONNECTION CÂBLAGE TRAVERSANT | 3 polos / 3 poles / 3 pôles | Ref. Q0570 | 1-10 DALI | EMERGENCY 1h / 3h |
| | 5 polos / 5 poles / 5 pôles | Ref. Q0571 | | |

1.4

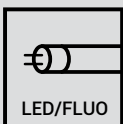
RINOX



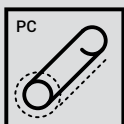
Brida
Clamp
Collier



ANTIVANDÁLICA / ANTIVANDALISM / ANTIVANDALISME



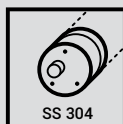
LED/FLUO



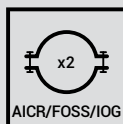
PC



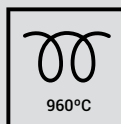
RAB/BAR/RAB



SS 304

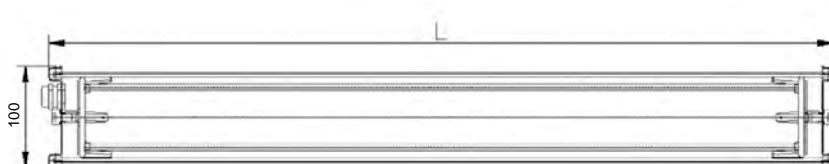
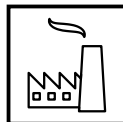
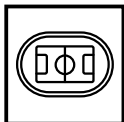


x2
AICR/FOSS/IOG



960°C

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IK10

IP69K

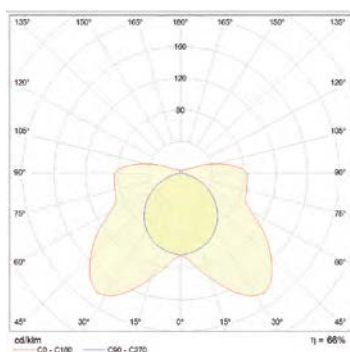
CE

EN 60598-1



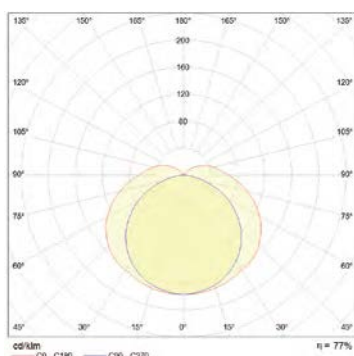
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Q0511 | 18 | ■ | 683 |
| Q0512 | 18 | ● | 683 |
| Q0513 | 36 | ■ | 1.293 |
| Q0514 | 36 | ● | 1.293 |
| Q0515 | 58 | ■ | 1.593 |
| Q0516 | 58 | ● | 1.593 |

2 TUBOS FLUORESCENTE / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Q0517 | 18 | ■ | 683 |
| Q0518 | 18 | ● | 683 |
| Q0519 | 36 | ■ | 1.293 |
| Q0520 | 36 | ● | 1.293 |
| Q0521 | 58 | ■ | 1.593 |
| Q0522 | 58 | ● | 1.593 |

■ Electrónica / Electronic / Électronique

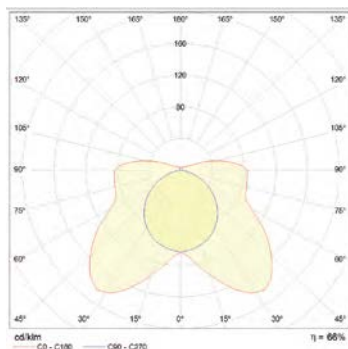
● Regulable / Dimmable / Gradable

1.4

RINOX

1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G5/T5



| Ref. | Potencia Watts <i>Puissance</i> | Equipo Equipment <i>Ballast</i> | Largo Length <i>Longueur</i> |
|---|---------------------------------------|---------------------------------------|------------------------------------|
| | (W) | | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| Q0525 | 14 W | ■ | 643 |
| Q0526 | 14 W | ● | 643 |
| Q0527 | 21 W | ■ | 942 |
| Q0528 | 21 W | ● | 942 |
| Q0529 | 28 W | ■ | 1.242 |
| Q0530 | 28 W | ● | 1.242 |
| Q0531 | 35 W | ■ | 1.542 |
| Q0532 | 35 W | ● | 1.542 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| Q0533 | 24 W | ■ | 643 |
| Q0534 | 24 W | ● | 643 |
| Q0535 | 39 W | ■ | 942 |
| Q0536 | 39 W | ● | 942 |
| Q0537 | 49 W | ■ | 1.542 |
| Q0538 | 49 W | ● | 1.542 |
| Q0539 | 54 W | ■ | 1.242 |
| Q0540 | 54 W | ● | 1.242 |
| Q0541 | 80 W | ■ | 1.542 |
| Q0542 | 80 W | ● | 1.542 |

■ **Electrónica** / Electronic / *Électronique*

● **Regulable** / Dimmable / *Gradable*

IK10

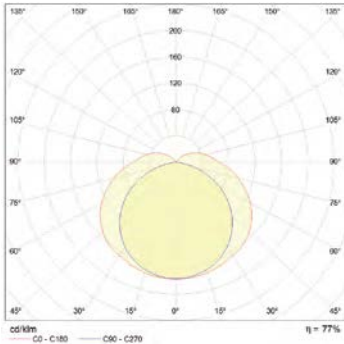
IP69K

CE

EN 60598-1

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES

G5/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| Q0543 | 14 W | ■ | 643 |
| Q0544 | 14 W | ● | 643 |
| Q0545 | 21 W | ■ | 942 |
| Q0546 | 21 W | ● | 942 |
| Q0547 | 28 W | ■ | 1.242 |
| Q0548 | 28 W | ● | 1.242 |
| Q0549 | 35 W | ■ | 1.542 |
| Q0550 | 35 W | ● | 1.542 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| Q0551 | 24 W | ■ | 643 |
| Q0552 | 24 W | ● | 643 |
| Q0553 | 39 W | ■ | 942 |
| Q0554 | 39 W | ● | 942 |
| Q0555 | 49 W | ■ | 1.542 |
| Q0556 | 49 W | ● | 1.542 |
| Q0557 | 54 W | ■ | 1.242 |
| Q0558 | 54 W | ● | 1.242 |

■ **Electrónica / Electronic / Électronique** ● **Regulable / Dimmable / Gradable**

ALTAS TEMPERATURAS / HIGH TEMPERATURES / HAUTES TEMPÉRATURES



G13/T8

| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| Q0559 | 1 x 18 W | ⚠ | 683 |
| Q0560 | 1 x 36 W | ⚠ | 1.293 |
| Q0561 | 1 x 58 W | ⚠ | 1.593 |
| Q0562 | 2 x 18 W | ⚠ | 683 |
| Q0563 | 2 x 36 W | ⚠ | 1.293 |
| Q0564 | 2 x 58 W | ⚠ | 1.593 |

1.4

RINOX

RINOX LED



1 TUBO LED / 1 LED TUBE / 1 TUBE LED

G13/T8

| Ref. | Longitud tubo Tube length Longueur tube | Largo Length Longueur |
|--------|---|-----------------------------|
| | (mm) | (mm) |
| Q0511L | 600 | 683 |
| Q0513L | 1.200 | 1.293 |
| Q0515L | 1.500 | 1.593 |

2 TUBOS LED / 2 LED TUBES / 2 TUBES LED

| Ref. | Longitud tubo Tube length Longueur tube | Largo Length Longueur |
|--------|---|-----------------------------|
| | (mm) | (mm) |
| Q0517L | 600 | 683 |
| Q0519L | 1.200 | 1.293 |
| Q0521L | 1.500 | 1.593 |

IK10

IP69K

CE

EN 60598-1

ACCESORIOS RINOX/ RINOX ACCESORIES / ACCESSOIRES RINOX

RINOX OPAL



Ref.

Potencia
Watts
Puissance

(W)

18

36

58

14-24

21-39

28-54

35-49-80

Ref luminaria + "O". Ej.: Q05110
 Light fitting ref + "O". Ex.: Q05110
 Ref luminaire + "O". Ex.: Q05110



Ref.

Q0349

Suspensión con cable de acero
 Steel cable suspension
 Suspension avec câble en acier



Q0656

Bridas de acero inoxidable con protección de caucho
 Stainless steel clamps
 Colliers inox antivandalisme



Q0159

Bridas de acero cincado
 Zinc-plated steel clamps
 Colliers en acier galvanisé



Q0153

Brida de policarbonato
 Polycarbonate clamp
 Colliers en polycarbonate

LÍNEA CONTINUA

CONTINUOUS LINE CONNECTION
 CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref Q0565

5 polos / 5 poles / 5 pôles

Ref. Q0566

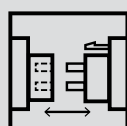
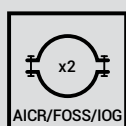
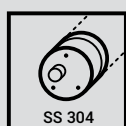
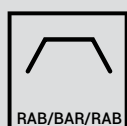
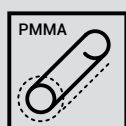
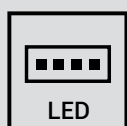
1-10
DALIEMERGENCY
1h / 3h

1.5

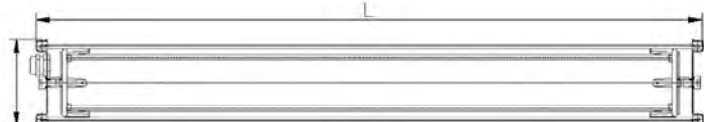
FARM LED



Brida
Clamp
Collier




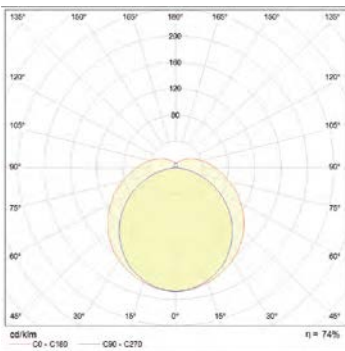
APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



| | | | | | | | |
|------------|-----------------------|-------------------|--|-------------------------------------|-------------|--------------|-------------------------|
| RG1 | MACADAM 3/4 | UGR <19 |  CR>80 | L70B50 > 50.000 | IK10 | IP69K | CE EN 60598-1 |
|------------|-----------------------|-------------------|--|-------------------------------------|-------------|--------------|-------------------------|



| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Ancho con brida Width with clamp Largeur avec fixations | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|-----------------------------|------------------------|---|------------------------------------|
| | | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | |
| Q0795 | 600 | 13 | 1490 | 1155 | 3000 | 763 | 100 | 120 | 1 |
| Q0899 | 600 | 13 | 1550 | 1201 | 4000 | 763 | 100 | 120 | 1 |
| Q0900 | 600 | 16 | 2560 | 1984 | 3000 | 763 | 100 | 120 | 1 |
| Q0955 | 600 | 16 | 2670 | 2070 | 4000 | 763 | 100 | 120 | 1 |
| Q0796 | 1200 | 24 | 2980 | 2310 | 3000 | 1375 | 100 | 120 | 1 |
| Q0957 | 1200 | 24 | 3200 | 2480 | 4000 | 1375 | 100 | 120 | 1 |
| Q0958 | 1200 | 32 | 5120 | 3969 | 3000 | 1375 | 100 | 120 | 1 |
| Q0959 | 1200 | 32 | 5340 | 4139 | 4000 | 1375 | 100 | 120 | 1 |
| Q0797 | 1500 | 29 | 3720 | 2883 | 3000 | 1660 | 100 | 120 | 1 |
| Q0961 | 1500 | 29 | 4000 | 3100 | 4000 | 1660 | 100 | 120 | 1 |
| Q0962 | 1500 | 40 | 6310 | 4891 | 3000 | 1660 | 100 | 120 | 1 |
| Q0963 | 1500 | 40 | 6700 | 5193 | 4000 | 1660 | 100 | 120 | 1 |

ACCESORIOS FARM / FARM ACCESSORIES / ACCESSOIRES FARM /



Ref. Q0349
Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier



Ref. Q0401
Bridas de acero inoxidable
Stainless steel clamps
Colliers inox antivandalisme



Ref. Q0159
Bridas de acero cincado
Zinc-plated steel clamps
Colliers en acier galvanisé



Ref. Q0158
Brida de metacrilato
Antivandalic acrylic
Colliers en méthacrylate

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0570

5 polos / 5 poles / 5 pôles

Ref. Q0571

1-10
DALI

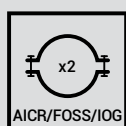
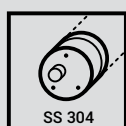
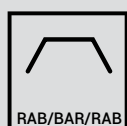
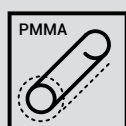
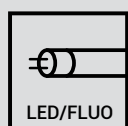
EMERGENCY
1h / 3h

1.6

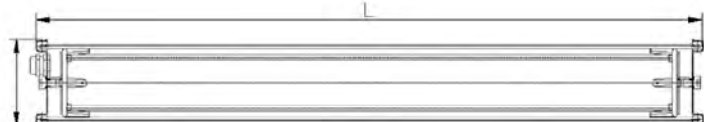
FARM



Brida
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

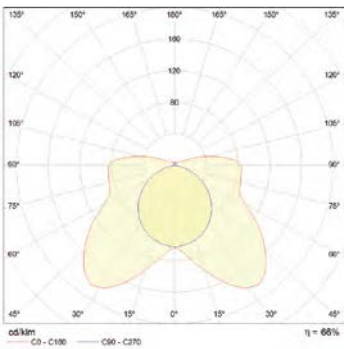


IK10

IP69K

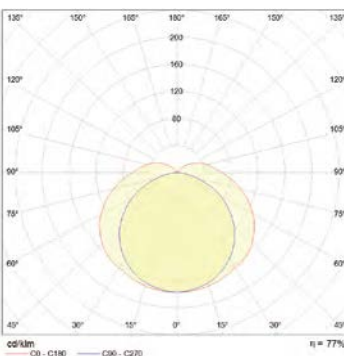
CE

EN 60598-1



T8 1 TUBO

| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | L | D | Embalaje Packaging Carton |
|-------|--------------------------------|--------------------------------|------|------|---------------------------------|
| | (W) | | (mm) | (mm) | |
| Q0741 | 18 | ■ | 683 | 100 | 1 |
| Q0742 | 18 | ● | 683 | 100 | 1 |
| Q0743 | 36 | ■ | 1293 | 100 | 1 |
| Q0744 | 36 | ● | 1293 | 100 | 1 |
| Q0745 | 58 | ■ | 1593 | 100 | 1 |
| Q0746 | 58 | ● | 1593 | 100 | 1 |



T8 2 TUBOS

| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | L | D | Embalaje Packaging Carton |
|-------|--------------------------------|--------------------------------|------|------|---------------------------------|
| | (W) | | (mm) | (mm) | |
| Q0747 | 18 | ■ | 683 | 100 | 1 |
| Q0748 | 18 | ● | 683 | 100 | 1 |
| Q0749 | 36 | ■ | 1293 | 100 | 1 |
| Q0750 | 36 | ● | 1293 | 100 | 1 |
| Q0751 | 58 | ■ | 1593 | 100 | 1 |
| Q0752 | 58 | ● | 1593 | 100 | 1 |

1.6

FARM

T5 1 TUBO

| Ref. | Potencia | Equipo | L | D | Embalaje |
|-------|--------------------|----------------------|------|------|----------|
| | Watts Puissance | Equipment Ballast | | | |
| | (W) | | (mm) | (mm) | |
| Q0755 | 14 | ■ | 643 | 100 | 1 |
| Q0756 | 14 | ● | 643 | 100 | 1 |
| Q0757 | 21 | ■ | 942 | 100 | 1 |
| Q0758 | 21 | ● | 942 | 100 | 1 |
| Q0759 | 28 | ■ | 1242 | 100 | 1 |
| Q0760 | 28 | ● | 1242 | 100 | 1 |
| Q0761 | 35 | ■ | 1542 | 100 | 1 |
| Q0762 | 35 | ● | 1542 | 100 | 1 |
| Q0763 | 24 | ■ | 643 | 100 | 1 |
| Q0764 | 24 | ● | 643 | 100 | 1 |
| Q0765 | 39 | ■ | 942 | 100 | 1 |
| Q0766 | 39 | ● | 942 | 100 | 1 |
| Q0767 | 49 | ■ | 1542 | 100 | 1 |
| Q0768 | 49 | ● | 1542 | 100 | 1 |
| Q0769 | 54 | ■ | 1242 | 100 | 1 |
| Q0770 | 54 | ● | 1242 | 100 | 1 |
| Q0771 | 80 | ■ | 1242 | 100 | 1 |
| Q0772 | 80 | ● | 1242 | 100 | 1 |

T5 2 TUBOS

| Ref. | Potencia | Equipo | L | D | Embalaje |
|-------|--------------------|----------------------|------|------|----------|
| | Watts Puissance | Equipment Ballast | | | |
| | (W) | | (mm) | (mm) | |
| Q0773 | 14 | ■ | 643 | 100 | 1 |
| Q0774 | 14 | ● | 643 | 100 | 1 |
| Q0775 | 21 | ■ | 942 | 100 | 1 |
| Q0776 | 21 | ● | 942 | 100 | 1 |
| Q0777 | 28 | ■ | 1242 | 100 | 1 |
| Q0778 | 28 | ● | 1242 | 100 | 1 |
| Q0779 | 35 | ■ | 1542 | 100 | 1 |
| Q0780 | 35 | ● | 1542 | 100 | 1 |
| Q0781 | 24 | ■ | 643 | 100 | 1 |
| Q0782 | 24 | ● | 643 | 100 | 1 |
| Q0783 | 39 | ■ | 942 | 100 | 1 |
| Q0784 | 39 | ● | 942 | 100 | 1 |
| Q0785 | 49 | ■ | 1542 | 100 | 1 |
| Q0786 | 49 | ● | 1542 | 100 | 1 |
| Q0787 | 54 | ■ | 1242 | 100 | 1 |
| Q0788 | 54 | ● | 1242 | 100 | 1 |



IK10

IP69K

CE

EN 60598-1



T8 1 TUBO LED

| Ref. | Longitud tubo Tube length Longueur tube | L | D | Embalaje Packaging Carton |
|--------|---|------|------|---------------------------------|
| | (mm) | (mm) | (mm) | |
| Q0741L | 600 | 683 | 100 | 1 |
| Q0743L | 1200 | 683 | 100 | 1 |
| Q0745L | 1500 | 1293 | 100 | 1 |

T8 2 TUBO LED

| | | | | |
|--------|------|------|-----|---|
| Q0747L | 600 | 683 | 100 | 1 |
| Q0749L | 1200 | 683 | 100 | 1 |
| Q0751L | 1500 | 1293 | 100 | 1 |

ALTAS TEMPERATURAS / HIGH TEMPERATURES / HAUTES TEMPÉRATURES



G13/T8

| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Q0789 | 1 x 18 W | | 709 |
| Q0790 | 1 x 36 W | | 1.319 |
| Q0791 | 1 x 58 W | | 1.624 |
| Q0791 | 2 x 18 W | | 709 |

Alto factor / High factor / Compensé

1.6

FARM

ACCESORIOS FARM / FARM ACCESORIES / ACCESSOIRES FARM /



| Ref. | Q0349 | Q0401 | Q0159 | Q0158 |
|---|---|--|--|--|
| | Suspensión con cable de acero Steel cable suspension <i>Suspension avec câble en acier</i> | Bridas de acero inoxidable Stainless steel clamps <i>Colliers inox antivandalisme</i> | Bridas de acero cincado Zinc-plated steel clamps <i>Colliers en acier galvanisé</i> | Brida de metacrilato Antivandalic acrylic <i>Colliers en méthacrylate</i> |
| LÍNEA CONTINUA CONTINUOUS LINE CONNECTION CÂBLAGE TRAVERSANT | | 3 polos / 3 poles / 3 pôles Ref. Q0793 | | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> 1-10 DALI </div> EMERGENCY 1h / 3h |
| | | 5 polos / 5 poles / 5 pôles Ref. Q0794 | | |



1.7

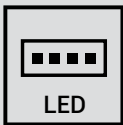
RANGE



Brida
Clamp
Collier



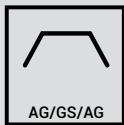
ANTIVANDÁLICA / ANTIVANDALISM / ANTIVANDALISME



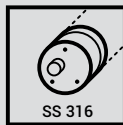
LED



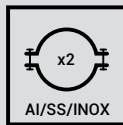
BG



AG/GS/AG

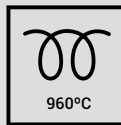


SS 316



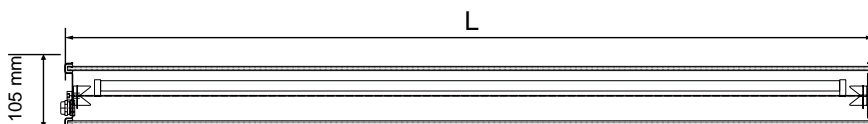
x2

Al/SS/INOX




960°C

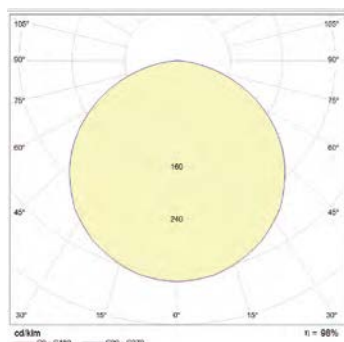
APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



| | | | | | | | |
|------------|-----------------------|-------------------|--|-------------------------------------|-------------|--------------|-----------------------------|
| RG1 | MACADAM 3/4 | UGR <19 |  CR>80 | L70B50 > 50.000 | IK07 | IP69K | CE EN 60598-1 |
|------------|-----------------------|-------------------|--|-------------------------------------|-------------|--------------|-----------------------------|



| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Ancho con brida Width with clamp Largeur avec fixations | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|-----------------------------|------------------------|---|------------------------------------|
| | | | | | | | | | |
| RA113 | 600 | 13 | 1490 | 1480 | 3000 | 740 | 105 | 133 | 1 |
| RA114 | 600 | 13 | 1550 | 1540 | 4000 | 740 | 105 | 133 | 1 |
| RA123 | 600 | 16 | 2560 | 2544 | 3000 | 740 | 105 | 133 | 1 |
| RA124 | 600 | 16 | 2670 | 2653 | 4000 | 740 | 105 | 133 | 1 |
| RA213 | 1200 | 24 | 2980 | 2961 | 3000 | 1340 | 105 | 133 | 1 |
| RA214 | 1200 | 24 | 3200 | 3180 | 4000 | 1340 | 105 | 133 | 1 |
| RA223 | 1200 | 32 | 5120 | 5087 | 3000 | 1340 | 105 | 133 | 1 |
| RA224 | 1200 | 32 | 5340 | 5306 | 4000 | 1340 | 105 | 133 | 1 |
| RA313 | 1500 | 29 | 3720 | 3696 | 3000 | 1640 | 105 | 133 | 1 |
| RA314 | 1500 | 29 | 4000 | 3974 | 4000 | 1640 | 105 | 133 | 1 |
| RA323 | 1500 | 40 | 6310 | 6270 | 3000 | 1640 | 105 | 133 | 1 |
| RA324 | 1500 | 40 | 6700 | 6657 | 4000 | 1640 | 105 | 133 | 1 |

ACCESORIOS / ACCESSORIES / ACCESSOIRES



Ref.

Q0349

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier



Q0656

Bridas de acero inoxidable
Stainless steel clamps
Colliers inox antivandalisme

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0572

5 polos / 5 poles / 5 pôles

Ref. Q0573

1-10
DALI

EMERGENCY
1h / 3h

1.8

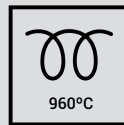
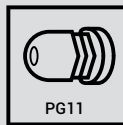
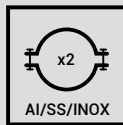
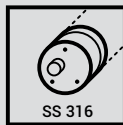
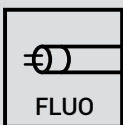
CHEMICAL



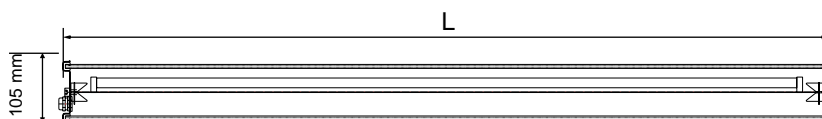
Brida
Clamp
Collier



ANTIVANDÁLICA / ANTIVANDALISM / ANTIVANDALISME



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IK07

IP69K

CE

EN 60598-1



1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G13/T8

| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur | Ancho Wide Large |
|-------|--------------------------------|--------------------------------|-----------------------------|------------------------|
| | (W) | | (mm) | (mm) |
| Q0937 | 1x18 | ■ | 714 | 105 |
| Q0938 | 1x36 | ■ | 1324 | 105 |
| Q0942 | 1x58 | ■ | 1934 | 105 |

ALTAS TEMPERATURAS / HIGH TEMPERATURES / HAUTES TEMPÉRATURES

G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur | Ancho Wide Large |
|-------|--------------------------------|--------------------------------|-----------------------------|------------------------|
| | (W) | | (mm) | (mm) |
| Q0939 | 1 x 18 | ⚠ | 720 | 105 |
| Q0940 | 1 x 36 | ⚠ | 1.328 | 105 |
| Q0941 | 1 x 58 | ⚠ | 1.934 | 105 |

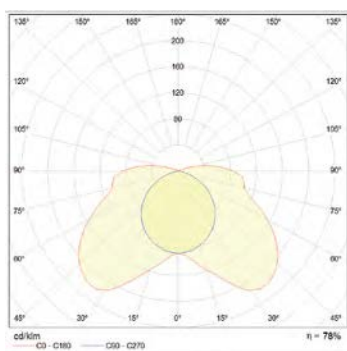
■ Electrónica / Electronic / Électronique

1.8

CHEMICAL

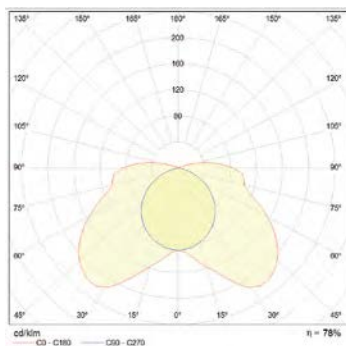
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G5/T5



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur | Ancho Wide Large |
|---|--------------------------------|--------------------------------|-----------------------------|------------------------|
| | (W) | | (mm) | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | | |
| Q0901 | 14 | ■ | 674 | 105 |
| Q0902 | 21 | ■ | 974 | 105 |
| Q0903 | 28 | ■ | 1.274 | 105 |
| Q0904 | 35 | ■ | 1.574 | 105 |
| Alto Rendimiento / High Output / Flux Élevé | | | | |
| Q0905 | 24 | ■ | 674 | 105 |
| Q0906 | 39 | ■ | 974 | 105 |
| Q0907 | 49 | ■ | 1.574 | 105 |
| Q0908 | 54 | ■ | 1.274 | 105 |
| Q0909 | 80 | ■ | 1.574 | 105 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur | Ancho Wide Large |
|---|--------------------------------|--------------------------------|-----------------------------|------------------------|
| | (W) | | (mm) | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | | |
| Q0919 | 14 | ■ | 674 | 105 |
| Q0920 | 21 | ■ | 974 | 105 |
| Q0921 | 28 | ■ | 1.274 | 105 |
| Q0922 | 35 | ■ | 1.574 | 105 |
| Alto Rendimiento / High Output / Flux Élevé | | | | |
| Q0923 | 24 | ■ | 674 | 105 |
| Q0924 | 39 | ■ | 974 | 105 |
| Q0925 | 49 | ■ | 1.574 | 105 |
| Q0926 | 54 | ■ | 1.274 | 105 |

ACCESORIOS / ACCESORIES / ACCESSOIRES



Ref. Q0349

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

5 polos / 5 poles / 5 pôles

1-10
DALI

EMERGENCY
1h / 3h

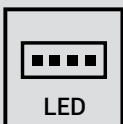


1.9

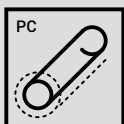
THUNDER



Brida
Clamp
Collier



LED



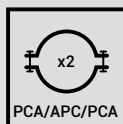
PC



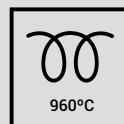
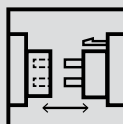
RAB/BAR/RAB



ZAMAK-Ni

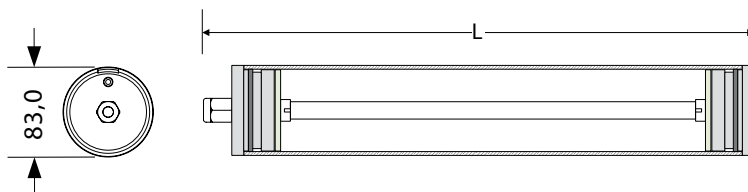
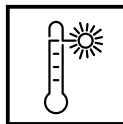
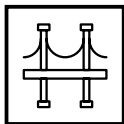
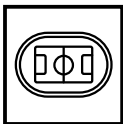


x2
PCA/APC/PCA



960°C

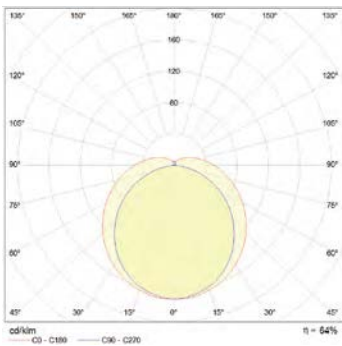
APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



| | | | | | | | |
|-----|----------------|------------|-------|-----------------------|------|--------|------------------|
| RG1 | MACADAM 3/4 | UGR <19 | CR>80 | L70B50 > 50.000 | IK10 | IP68-2 | CE EN 60598-1 |
|-----|----------------|------------|-------|-----------------------|------|--------|------------------|



| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Ancho con brida Width with clamp Largeur avec fixations | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|-----------------------------|------------------------|---|------------------------------------|
| | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | (mm) | |
| TH113 | 600 | 13 | 1490 | 997 | 3000 | 709 | 83 | 113 | 1 |
| TH114 | 600 | 13 | 1550 | 1037 | 4000 | 709 | 83 | 113 | 1 |
| TH123 | 600 | 16 | 2560 | 1712 | 3000 | 709 | 83 | 113 | 1 |
| TH124 | 600 | 16 | 2670 | 1786 | 4000 | 709 | 83 | 113 | 1 |
| TH213 | 1200 | 24 | 2980 | 1993 | 3000 | 1319 | 83 | 113 | 1 |
| TH214 | 1200 | 24 | 3200 | 2140 | 4000 | 1319 | 83 | 113 | 1 |
| TH223 | 1200 | 32 | 5120 | 3424 | 3000 | 1319 | 83 | 113 | 1 |
| TH224 | 1200 | 32 | 5340 | 3571 | 4000 | 1319 | 83 | 113 | 1 |
| TH313 | 1500 | 29 | 3720 | 2488 | 3000 | 1574 | 83 | 113 | 1 |
| TH314 | 1500 | 29 | 4000 | 2675 | 4000 | 1574 | 83 | 113 | 1 |
| TH323 | 1500 | 40 | 6310 | 4220 | 3000 | 1574 | 83 | 113 | 1 |
| TH324 | 1500 | 40 | 6700 | 4481 | 4000 | 1574 | 83 | 113 | 1 |

ACCESORIOS THUNDER / THUNDER ACCESORIES / ACCESSOIRES THUNDER

| | | | |
|---|--|--|--|
| Ref. Q0349 | Q0655 | Q0156 | Q0159 |
| Suspensión con cable de acero Steel cable suspension Suspension avec câble en acier | Bridas de acero inoxidable Stainless steel clamps Colliers inox antivandalisme | Bridas de acero inoxidable de apertura rápida Quick opening stainless steel clamps Colliers inox de ouverture rapide à grenouillère | Bridas de acero cincado Zinc-plated steel clamps Colliers en acier galvanisé |

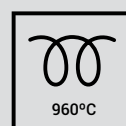
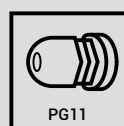
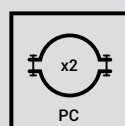
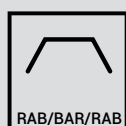
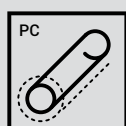
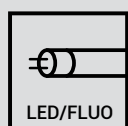
| | | | | |
|--|-----------------------------|------------|--------------|----------------------|
| LÍNEA CONTINUA CONTINUOUS LINE CONNECTION CÂBLAGE TRAVERSANT | 3 polos / 3 poles / 3 pôles | Ref. Q0574 | 1-10 DALI | EMERGENCY 1h / 3h |
| | 5 polos / 5 poles / 5 pôles | Ref. Q0575 | | |

1.10

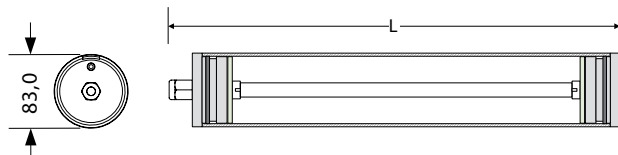
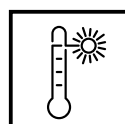
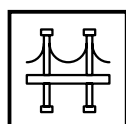
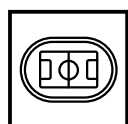
RESIST



Brida
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IK10

IP68-2

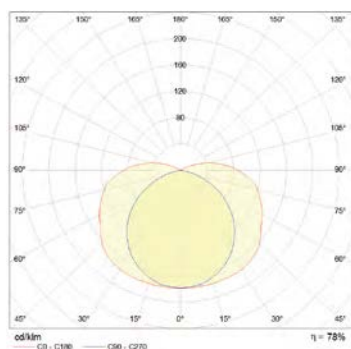
CE

EN 60598-1



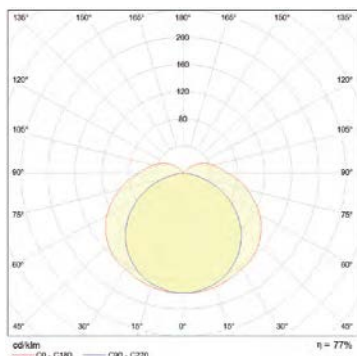
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Q0601 | 18 | ■ | 709 |
| Q0607 | 18 | ● | 709 |
| Q0602 | 36 | ■ | 1.319 |
| Q0608 | 36 | ● | 1.319 |
| Q0603 | 58 | ■ | 1.624 |
| Q0609 | 58 | ● | 1.624 |

2 TUBOS FLUORESCENTE / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Q0604 | 18 | ■ | 709 |
| Q0610 | 18 | ● | 709 |
| Q0605 | 36 | ■ | 1.319 |
| Q0611 | 36 | ● | 1.319 |
| Q0606 | 58 | ■ | 1.624 |
| Q0612 | 58 | ● | 1.624 |

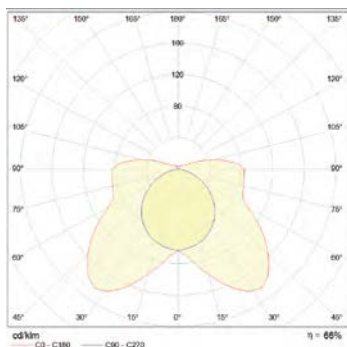
■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

1.10

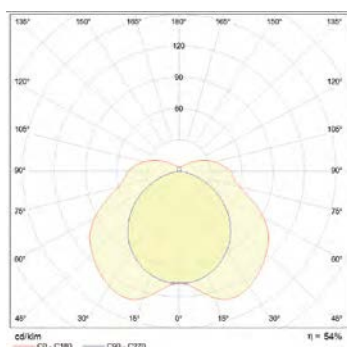
RESIST

1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| Q0613 | 14 W | ■ | 671 |
| Q0622 | 14 W | ● | 671 |
| Q0614 | 21 W | ■ | 966 |
| Q0623 | 21 W | ● | 966 |
| Q0615 | 28 W | ■ | 1.272 |
| Q0624 | 28 W | ● | 1.272 |
| Q0616 | 35 W | ■ | 1.574 |
| Q0625 | 35 W | ● | 1.574 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| Q0617 | 24 W | ■ | 671 |
| Q0626 | 24 W | ● | 671 |
| Q0618 | 39 W | ■ | 966 |
| Q0627 | 39 W | ● | 966 |
| Q0619 | 49 W | ■ | 1.574 |
| Q0628 | 49 W | ● | 1.574 |
| Q0620 | 54 W | ■ | 1.272 |
| Q0629 | 54 W | ● | 1.272 |
| Q0621 | 80 W | ■ | 1.574 |
| Q0630 | 80 W | ● | 1.574 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| Q0631 | 14 W | ■ | 671 |
| Q0646 | 14 W | ● | 671 |
| Q0632 | 21 W | ■ | 966 |
| Q0647 | 21 W | ● | 966 |
| Q0633 | 28 W | ■ | 1.272 |
| Q0648 | 28 W | ● | 1.272 |
| Q0634 | 35 W | ■ | 1.574 |
| Q0649 | 35 W | ● | 1.574 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| Q0635 | 24 W | ■ | 671 |
| Q0650 | 24 W | ● | 671 |
| Q0636 | 39 W | ■ | 966 |
| Q0651 | 39 W | ● | 966 |
| Q0637 | 49 W | ■ | 1.574 |
| Q0652 | 49 W | ● | 1.574 |
| Q0638 | 54 W | ■ | 1.272 |
| Q0653 | 54 W | ● | 1.272 |

IK10

IP68-2

CE

EN 60598-1


ALTAS TEMPERATURAS / HIGH TEMPERATURES / HAUTES TEMPÉRATURES


G13/T8

| Ref. | Potencia Watts <i>Puissance</i> | Equipo Equipment <i>Ballast</i> | Ancho Wide <i>Large</i> |
|-------|---------------------------------------|---------------------------------------|-------------------------------|
| | (W) | | (mm) |
| Q0640 | 1 x 18 W | | 709 |
| Q0641 | 1 x 36 W | | 1.319 |
| Q0642 | 1 x 58 W | | 1.624 |
| Q0643 | 2 x 18 W | | 709 |
| Q0644 | 2 x 36 W | | 1.319 |
| Q0645 | 2 x 58 W | | 1.624 |

■ **Electrónica** / Electronic / *Électronique*

● **Regulable** / Dimmable / *Gradable*

1.10

RESIST

RESIST LED



Brida
Clamp
Collier



1 TUBO LED / 1 LED TUBE / 1 TUBE LED

G13/T8

| Ref. | Longitud tubo Tube lenght Longueur tube (mm) | Largo Length Longueur (mm) |
|--------|---|-------------------------------------|
| Q0601L | 600 | 709 |
| Q0602L | 1.200 | 1.319 |
| Q0603L | 1.500 | 1.624 |

2 TUBOS LED / 2 LED TUBES / 2 TUBES LED

G13/T8

| Ref. | Longitud tubo Tube lenght Longueur tube (mm) | Largo Length Longueur (mm) |
|--------|---|-------------------------------------|
| Q0604L | 600 | 709 |
| Q0605L | 1.200 | 1.319 |
| Q0606L | 1.500 | 1.624 |

IK10

IP68-2

CE

EN 60598-1

RESIST OPAL

| Ref. | Potencia Watts Puissance (W) |
|-----------------------------|---------------------------------------|
| | 18 W |
| Ref luminaria + "O". | 36 W |
| Ej.: Q06010 | 58 W |
| Light fitting ref + "O". | 14-24 W |
| Ex.: Q06010 | 21-39 W |
| Ref luminaire + "O". | 28-54 W |
| Ex.: Q06010 | 35-49-80 W |

ACCESORIOS RESIST / RESIST ACCESORIES / ACCESSOIRES RESISTRef. **Q0156**

Bridas de acero inoxidable de apertura rápida
Quick opening stainless steel clamps
Colliers inox de ouverture rapide à grenouillère

Ref. **Q0655**

Bridas de acero inoxidable
Stainless steel clamps
Colliers inox antivandalisme

Ref. **Q0159**

Bridas de acero cincado
Zinc-plated steel clamps
Colliers en acier galvanisé

Ref. **Q0160**

Válvula anticondensación y de equilibrado de presión
Anticondensation valve and pressure balancing
Valve anti-condensation et équilibrage de pression

Ref. **Q0349**

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. **Q0404**

5 polos / 5 poles / 5 pôles

Ref. **Q0406**

| |
|------|
| 1-10 |
| DALI |

EMERGENCY
1h / 3h



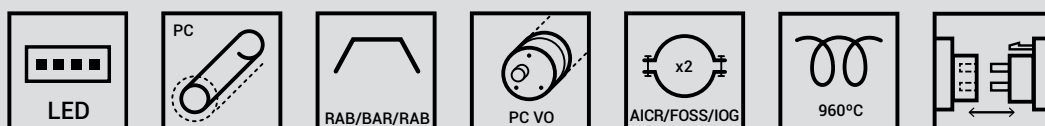


RESIST

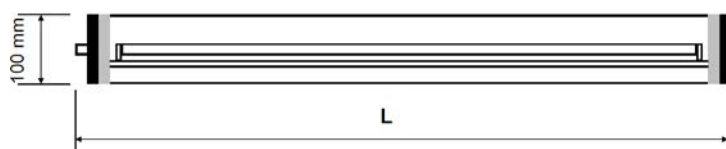
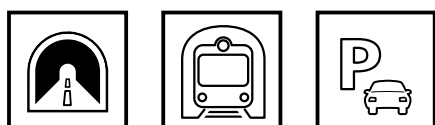
Túnel peatonal, Zaragoza, España
Pedestrian tunnel, Zaragoza, Spain
Tunnel pour piétonnier, Saragosse, Espagne

1.11

TUNNEL LED



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG1

MACADAM

3/4

UGR
<19

CR>80

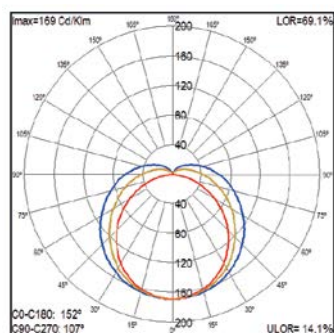
L70B50
>
50.000

IP68-2

IK10

CE

EN 60598-1



| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Ancho con brida Width with clamp Largeur avec fixations | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|-----------------------------|------------------------|---|------------------------------------|
| | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | (mm) | |
| TU113 | 600 | 13 | 1490 | 1084 | 3000 | 788 | 100 | 133 | 1 |
| TU114 | 600 | 13 | 1550 | 1127 | 4000 | 788 | 100 | 133 | 1 |
| TU123 | 600 | 16 | 2560 | 1862 | 3000 | 788 | 100 | 133 | 1 |
| TU124 | 600 | 16 | 2670 | 1942 | 4000 | 788 | 100 | 133 | 1 |
| TU213 | 1200 | 24 | 2980 | 2168 | 3000 | 1302 | 100 | 133 | 1 |
| TU214 | 1200 | 24 | 3200 | 2328 | 4000 | 1302 | 100 | 133 | 1 |
| TU223 | 1200 | 32 | 5120 | 3724 | 3000 | 1302 | 100 | 133 | 1 |
| TU224 | 1200 | 32 | 5340 | 3884 | 4000 | 1302 | 100 | 133 | 1 |
| TU313 | 1500 | 29 | 3720 | 2706 | 3000 | 1648 | 100 | 133 | 1 |
| TU314 | 1500 | 29 | 4000 | 2910 | 4000 | 1648 | 100 | 133 | 1 |
| TU323 | 1500 | 40 | 6310 | 4590 | 3000 | 1648 | 100 | 133 | 1 |

ACCESORIOS
ACCESSORIES
ACCESSOIRES



Ref.

Q0349

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier



Q0156

Bridas de acero inoxidable de apertura rápida
Quick opening stainless steel clamps
Colliers inox de ouverture rapide à grenouillère

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0970

5 polos / 5 poles / 5 pôles

Ref. Q0971

1-10
DALI

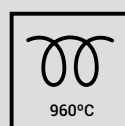
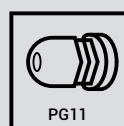
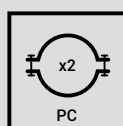
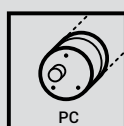
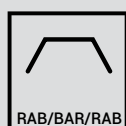
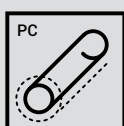
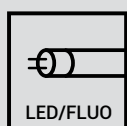
EMERGENCY
1h / 3h

1.12

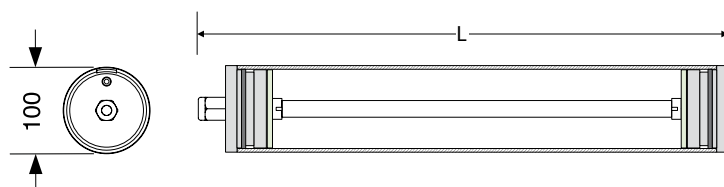
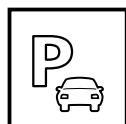
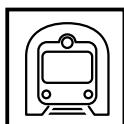
TUNNEL



+ **Brida**
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IK10

IP68-2

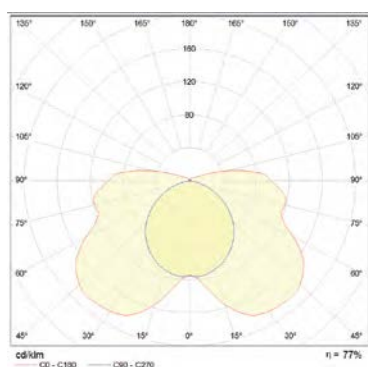
CE

EN 60598-1



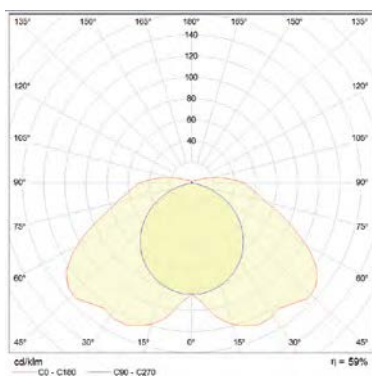
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G5/T5



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur | Ancho Wide Large |
|---|--------------------------------|--------------------------------|-----------------------------|------------------------|
| | (W) | | (mm) | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | | |
| Q0801 | 14 W | ■ | 675 | 105 |
| Q0802 | 21 W | ■ | 970 | 105 |
| Q0803 | 28 W | ■ | 1276 | 105 |
| Q0804 | 35 W | ■ | 1.578 | 105 |
| Alto Rendimiento / High Output / Flux Élevé | | | | |
| Q0805 | 24 W | ■ | 675 | 105 |
| Q0806 | 39W | ■ | 970 | 105 |
| Q0807 | 49 W | ■ | 1.578 | 105 |
| Q0808 | 54W | ■ | 1276 | 105 |
| Q0809 | 80W | ■ | 1.578 | 105 |

2 TUBOS FLUORESCENTE / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur | Ancho Wide Large |
|---|--------------------------------|--------------------------------|-----------------------------|------------------------|
| | (W) | | (mm) | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | | |
| Q0819 | 14 W | ■ | 675 | 105 |
| Q0820 | 21 W | ■ | 970 | 105 |
| Q0821 | 28 W | ■ | 1276 | 105 |
| Q0822 | 35 W | ■ | 1.578 | 105 |
| Alto Rendimiento / High Output / Flux Élevé | | | | |
| Q0823 | 24 W | ■ | 675 | 105 |
| Q0824 | 39 W | ■ | 970 | 105 |
| Q0825 | 49 W | ■ | 1.578 | 105 |
| Q0826 | 54 W | ■ | 1.276 | 105 |

■ Electrónica / Electronic / Électronique

1.12

TUNNEL

1 TUBO LED / 1 LED TUBE / 1 TUBE LED

G13/T8

| Ref. | Longitud tubo Tube lenght Longueur tube | Largo Length Longueur |
|--------|---|-----------------------------|
| | (mm) | (mm) |
| Q0801L | 600 | 721 |
| Q0802L | 900 | 1.055 |
| Q0803L | 1.200 | 1.321 |
| Q0804L | 1.500 | 1.581 |

2 TUBOS LED / 2 LED TUBES / 2 TUBES LED

| Ref. | Longitud tubo Tube lenght Longueur tube | Largo Length Longueur |
|--------|---|-----------------------------|
| | (mm) | (mm) |
| Q0805L | 600 | 721 |
| Q0806L | 900 | 1.055 |
| Q0807L | 1.200 | 1.321 |
| Q0808L | 1.500 | 1.581 |

ACCESORIOS ACCESSORIES ACCESSOIRES



Ref.

Q0349

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier



Q0156

Bridas de acero inoxidable de apertura rápida
Quick opening stainless steel clamps
Colliers inox de ouverture rapide à grenouillère

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0576

5 polos / 5 poles / 5 pôles

Ref. Q0577

1-10
DALI

EMERGENCY
1h / 3h

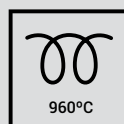
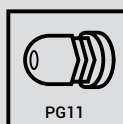
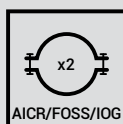
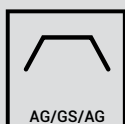
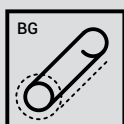
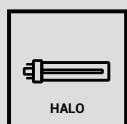


1.13

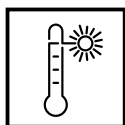
OVEN



Brida
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

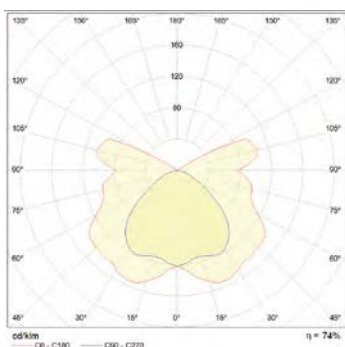


IP68-2

IK07

CE

EN 60598-1



| Ref. | Potencia Watts Puissance | L | D |
|-------|--------------------------------|------|------|
| | (W) | (mm) | (mm) |
| Q0949 | 1x40 | 275 | 105 |
| Q0950 | 2x40 | 275 | 105 |

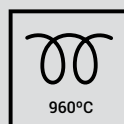
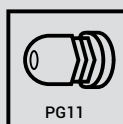
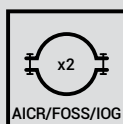
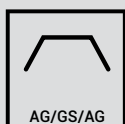
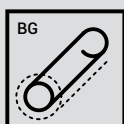
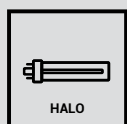


1.14

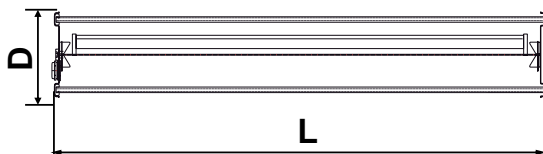
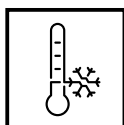
FROZEN



Brida
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

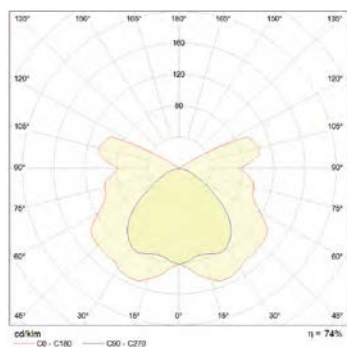


IP68-2

IK07

CE

EN 60598-1



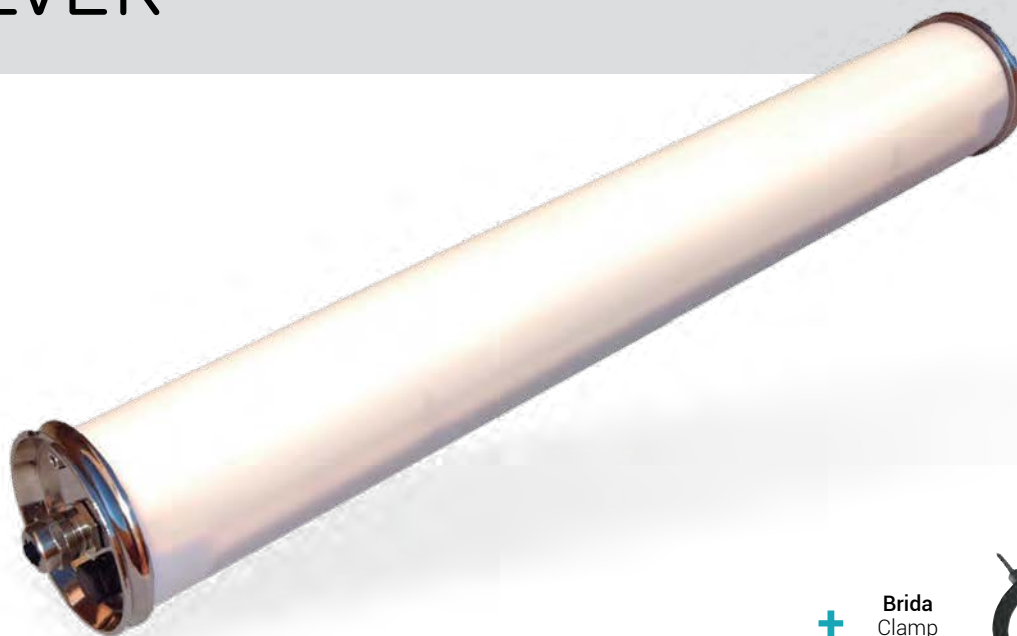
| Ref. | Potencia Watts <i>Puissance</i> | L | D |
|-------|---------------------------------------|------|------|
| | (W) | (mm) | (mm) |
| Q0953 | 1x40 W | 275 | 105 |
| Q0954 | 2x40 W | 275 | 105 |



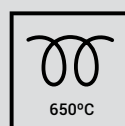
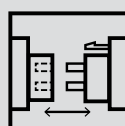
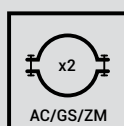
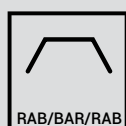
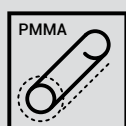
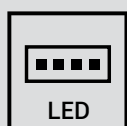
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1.15

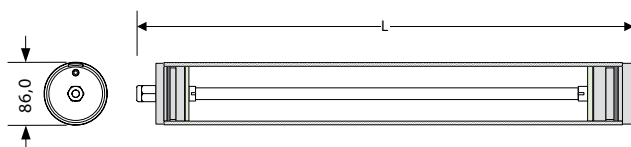
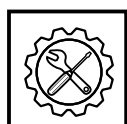
SILVER



Brida
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

RG1

MACADAM

3/4

UGR
<19

CR>80

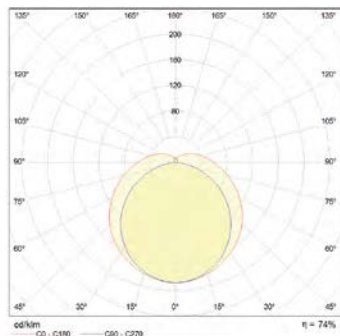
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IK10

IP68-2

CE

EN 60598-1



| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Ancho con brida Width with clamp Largeur avec fixations | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|-----------------------------|------------------------|---|------------------------------------|
| | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | (mm) | |
| SI113 | 600 | 13 | 1490 | 1155 | 3000 | 763 | 100 | 133 | 1 |
| SI114 | 600 | 13 | 1550 | 1201 | 4000 | 763 | 100 | 133 | 1 |
| SI123 | 600 | 16 | 2560 | 1984 | 3000 | 763 | 100 | 133 | 1 |
| SI124 | 600 | 16 | 2670 | 2070 | 4000 | 763 | 100 | 133 | 1 |
| SI213 | 1200 | 24 | 2980 | 2310 | 3000 | 1375 | 100 | 133 | 1 |
| SI214 | 1200 | 24 | 3200 | 2480 | 4000 | 1375 | 100 | 133 | 1 |
| SI223 | 1200 | 32 | 5120 | 3969 | 3000 | 1375 | 100 | 133 | 1 |
| SI224 | 1200 | 32 | 5340 | 4139 | 4000 | 1375 | 100 | 133 | 1 |
| SI313 | 1500 | 29 | 3720 | 2883 | 3000 | 1660 | 100 | 133 | 1 |
| SI314 | 1500 | 29 | 4000 | 3100 | 4000 | 1660 | 100 | 133 | 1 |
| SI323 | 1500 | 40 | 6310 | 4891 | 3000 | 1660 | 100 | 133 | 1 |
| SI324 | 1500 | 40 | 6700 | 5193 | 4000 | 1660 | 100 | 133 | 1 |

ACCESORIOS SILVER / SILVER ACCESSORIES / ACCESSOIRES SILVER



Ref. Q0401

Bridas de acero inoxidable
Stainless steel clamps
Colliers inox antivandalisme



Q0402

**Bridas de acero inoxidable de
apertura rápida**
Quick opening stainless steel clamps
Colliers inox de ouverture rapide
à grenouillère



Q0158

Brida de metacrilato (1 unidad)
Antivandalic acrylic (1 unit)
Colliers en méthacrylate (1 unité)



Ref. Q0349

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0574

5 polos / 5 poles / 5 pôles

Ref. Q0575

1-10
DALI

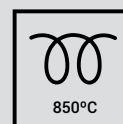
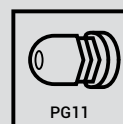
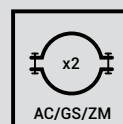
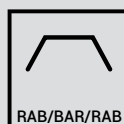
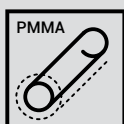
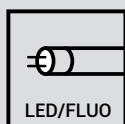
EMERGENCY
1h / 3h

1.16

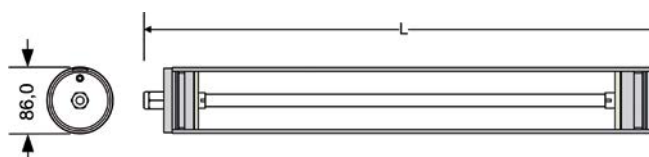
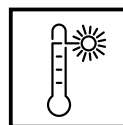
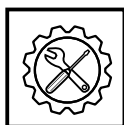
TR2



Brida
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IK10

IP68-2

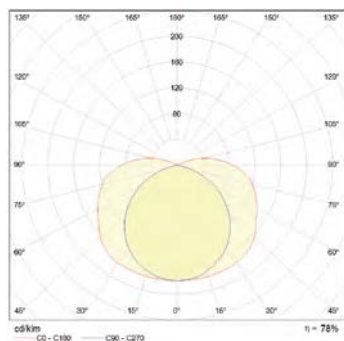
CE

EN 60598-1



1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

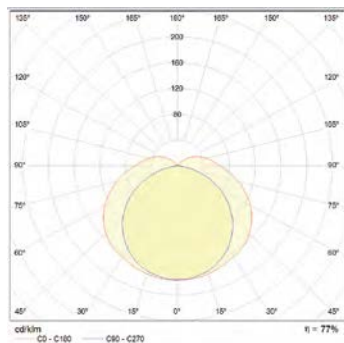
G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Q0435 | 18 W | ■ | 709 |
| Q0463 | 18 W | ● | 709 |
| Q0436 | 36 W | ■ | 1.319 |
| Q0464 | 36 W | ● | 1.319 |
| Q0437 | 58 W | ■ | 1.624 |
| Q0465 | 58 W | ● | 1.624 |

2 TUBOS FLUORESCENTE / 2 LAMPS / 2 LAMPES

G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Q0438 | 18 W | ■ | 709 |
| Q0466 | 18 W | ● | 709 |
| Q0439 | 36 W | ■ | 1.319 |
| Q0467 | 36 W | ● | 1.319 |
| Q0440 | 58 W | ■ | 1.624 |
| Q0468 | 58 W | ● | 1.624 |

■ Electrónica / Electronic / Électronique

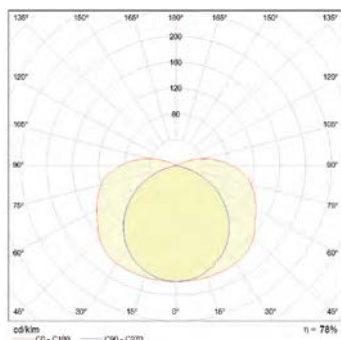
● Regulable / Dimmable / Gradable

1.16

TR2

1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

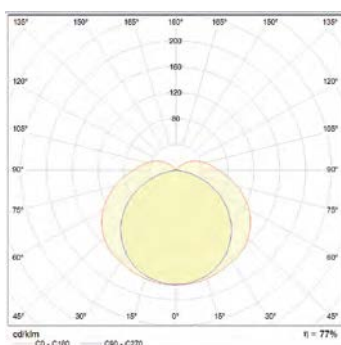
G13/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| Q0451 | 14 W | ■ | 671 |
| Q0469 | 14 W | ● | 671 |
| Q0452 | 21 W | ■ | 966 |
| Q0470 | 21 W | ● | 966 |
| Q0453 | 28 W | ■ | 1.272 |
| Q0477 | 28 W | ● | 1.272 |
| Q0454 | 35 W | ■ | 1.574 |
| Q0478 | 35 W | ● | 1.574 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| Q0487 | 24 W | ■ | 671 |
| Q0493 | 24 W | ● | 671 |
| Q0455 | 39 W | ■ | 966 |
| Q0479 | 39 W | ● | 966 |
| Q0488 | 49 W | ■ | 1.574 |
| Q0494 | 49 W | ● | 1.574 |
| Q0456 | 54 W | ■ | 1.272 |
| Q0480 | 54 W | ● | 1.272 |
| Q0489 | 80 W | ■ | 1.574 |
| Q0495 | 80 W | ● | 1.574 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES

G13/T8



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| Q0457 | 14 W | ■ | 671 |
| Q0481 | 14 W | ● | 671 |
| Q0458 | 21 W | ■ | 966 |
| Q0482 | 21 W | ● | 966 |
| Q0459 | 28 W | ■ | 1.272 |
| Q0483 | 28 W | ● | 1.272 |
| Q0460 | 35 W | ■ | 1.574 |
| Q0484 | 35 W | ● | 1.574 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| Q0490 | 24 W | ■ | 671 |
| Q0496 | 24 W | ● | 671 |
| Q0461 | 39 W | ■ | 966 |
| Q0485 | 39 W | ● | 966 |
| Q0491 | 49 W | ■ | 1.574 |
| Q0497 | 49 W | ● | 1.574 |
| Q0462 | 54 W | ■ | 1.272 |
| Q0486 | 54 W | ● | 1.272 |

■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

IK10

IP68-2

CE

EN 60598-1

TR2 LED



1 TUBO LED / 1 LED TUBE / 1 TUBE LED

G13/T8

| Ref. | Longitud Tubo Tube Length <i>Longueur Tube</i> | Longitud Luminaria Fitting Length <i>Longueur Luminaire</i> |
|--------|--|---|
| | (mm) | (mm) |
| Q0435L | 600 | 675 |
| Q0436L | 1.200 | 1.285 |
| Q0437L | 1.500 | 1.589 |

2 TUBOS LED / 2 LED TUBES / 2 TUBES LED

G13/T8

| Ref. | Longitud Tubo Tube Length <i>Longueur Tube</i> | Longitud Luminaria Fitting Length <i>Longueur Luminaire</i> |
|--------|--|---|
| | (mm) | (mm) |
| Q0438L | 600 | 675 |
| Q0439L | 1.200 | 1.285 |
| Q0440L | 1.500 | 1.589 |

1.16

TR2



ALTAS TEMPERATURAS
HIGH TEMPERATURES
HAUTES TEMPÉRATURES



G13/T8

| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| Q0471 | 1 x 18 W | | 709 |
| Q0472 | 1 x 36 W | | 1.319 |
| Q0473 | 1 x 58 W | | 1.624 |
| Q0474 | 2 x 18 W | | 709 |
| Q0475 | 2 X 36 W | | 1.319+671 |
| Q0476 | 2 X 58 W | | 1.624+ 671 |



1 x 18 W

1 x 36 W

1 x 58 W

2 x 18 W



2 X 36 W

2 X 58 W

Manguera de unión: 50 cm
Union hose: 50 cm
Câble d'union: 50 cm

IK10

IP68-2

CE

EN 60598-1

ACCESORIOS TR2 / TR2 ACCESORIES / ACCESSOIRES TR2

TR2 OPAL



Ref.

Potencia

Watts
Puissance

(W)

18

36

58

14-24

21-39

28-54

35-49-80

Ref luminaria + "O". Ej.: Q06010

Light fitting ref + "O". Ex.: Q06010

Ref luminaire + "O". Ex.: Q06010



Ref.

Q0401

Bridas de acero inoxidable
Stainless steel clamps
Colliers inox antivandalisme



Q0402

**Bridas de acero inoxidable de
apertura rápida**
Quick opening stainless steel clamps
Colliers inox de ouverture rapide
à grenouillère



Q0158

Brida de metacrilato (1 unidad)
Antivandalic acrylic (1 unit)
Colliers en méthacrylate (1 unité)



Ref.

Q0349

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier

Q0160

**Válvula anticondensación y
de equilibrado de presión**
Anticondensation valve
and pressure balancing
Valve anti-condensation et
équilibrage de pression

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0404

5 polos / 5 poles / 5 pôles

Ref. Q0406

1-10
DALI

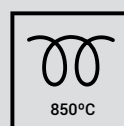
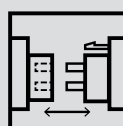
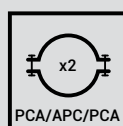
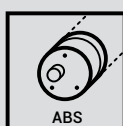
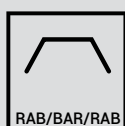
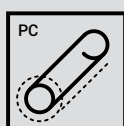
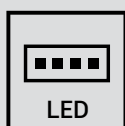
EMERGENCY
1h / 3h

1.17

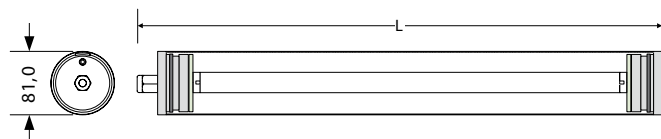
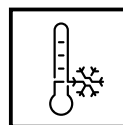
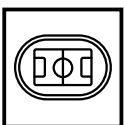
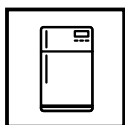
ORION



Brida
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG1

MACADAM

3/4

UGR
<19

CR>80

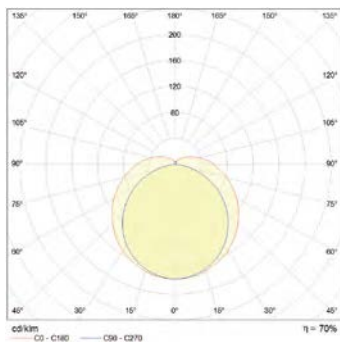
L70B50
>
50.000

IP67

IK07

CE

EN 60598-1



| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Ancho con brida Width with clamp Largeur avec fixations | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|-----------------------------|------------------------|---|------------------------------------|
| | | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | |
| OR113 | 600 | 13 | 1490 | 1040 | 3000 | 770 | 81 | 113 | 1 |
| OR114 | 600 | 13 | 1550 | 1082 | 4000 | 770 | 81 | 113 | 1 |
| OR123 | 600 | 16 | 2560 | 1787 | 3000 | 770 | 81 | 113 | 1 |
| OR124 | 600 | 16 | 2670 | 1864 | 4000 | 770 | 81 | 113 | 1 |
| OR213 | 1200 | 24 | 2980 | 2080 | 3000 | 1380 | 81 | 113 | 1 |
| OR214 | 1200 | 24 | 3200 | 2234 | 4000 | 1380 | 81 | 113 | 1 |
| OR223 | 1200 | 32 | 5120 | 3574 | 3000 | 1380 | 81 | 113 | 1 |
| OR224 | 1200 | 32 | 5340 | 3727 | 4000 | 1380 | 81 | 113 | 1 |
| OR313 | 1500 | 29 | 3720 | 2597 | 3000 | 1633 | 81 | 113 | 1 |
| OR314 | 1500 | 29 | 4000 | 2792 | 4000 | 1633 | 81 | 113 | 1 |
| OR323 | 1500 | 40 | 6310 | 4404 | 3000 | 1633 | 81 | 113 | 1 |
| OR324 | 1500 | 40 | 6700 | 4677 | 4000 | 1633 | 81 | 113 | 1 |

1.17

ORION



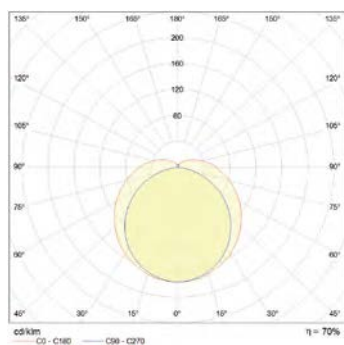
Brida
Clamp
Collier



BAJAS TEMPERATURAS
LOW TEMPERATURES
BASSES TEMPÉRATURES



-40°C



| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Ancho con brida Width with clamp Largeur avec fixations | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|-----------------------------|------------------------|---|------------------------------------|
| | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | (mm) | |
| OC123 | 600 | 32 | 4300 | 3000 | 3000 | 770 | 81 | 113 | 1 |
| OC124 | 600 | 32 | 4600 | 3200 | 4000 | 770 | 81 | 113 | 1 |
| OC223 | 1200 | 64 | 8600 | 6000 | 3000 | 1380 | 81 | 113 | 1 |
| OC224 | 1200 | 64 | 9000 | 6300 | 4000 | 1380 | 81 | 113 | 1 |
| OC323 | 1500 | 80 | 10750 | 7500 | 3000 | 1633 | 81 | 113 | 1 |
| OC324 | 1500 | 80 | 11400 | 8000 | 4000 | 1633 | 81 | 113 | 1 |



| | | | | | | | |
|-----|----------------|------------|-------|-----------------------|------|------|------------------|
| RG1 | MACADAM 3/4 | UGR <19 | CR>80 | L70B50 > 50.000 | IP67 | IK07 | CE EN 60598-1 |
|-----|----------------|------------|-------|-----------------------|------|------|------------------|



ACCESORIOS ORION / ORION ACCESSORIES / ACCESSOIRES ORION



Ref. Q0338

Bridas de acero cincado
Zinc-plated steel clamps
Colliers en acier galvanisé



Ref. Q0347

Bridas de acero inoxidable
Stainless steel clamps
Colliers inox antivandalisme



Ref. Q0348

Bridas de acero inoxidable de apertura rápida
Quick opening stainless steel clamps
Colliers inox de ouverture rapide à grenouillère



Ref. Q0349

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier



Ref. Q0339

Tapas metálicas y racor metálico
Metallic end caps and cable glands
Embouts et presse-étoupes métalliques

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0578

5 polos / 5 poles / 5 pôles

Ref. Q0579

1-10
DALI

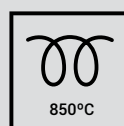
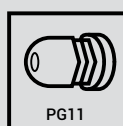
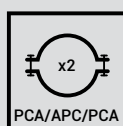
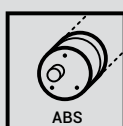
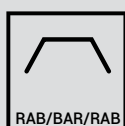
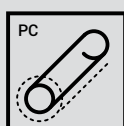
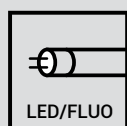
EMERGENCY
1h / 3h

1.18

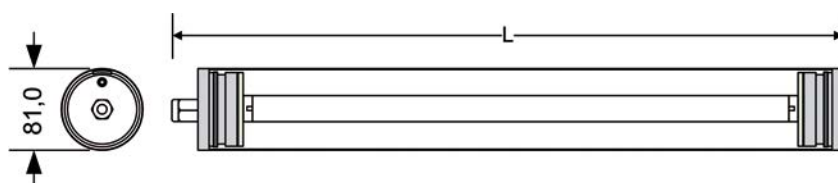
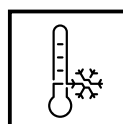
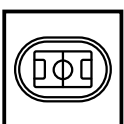
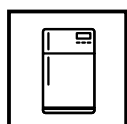
TR3



Brida
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP67

IK07

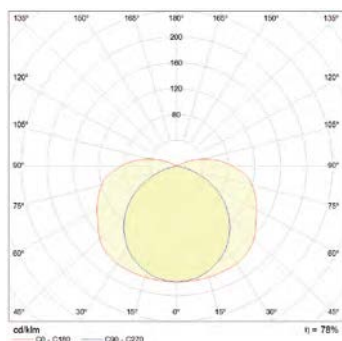
CE

EN 60598-1



1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

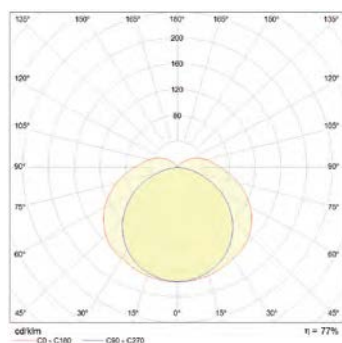
G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Q0035 | 18 W | ■ | 713 |
| Q0063 | 18 W | ● | 713 |
| Q0036 | 36 W | ■ | 1.323 |
| Q0064 | 36 W | ● | 1.323 |
| Q0037 | 58 W | ■ | 1.628 |
| Q0065 | 58 W | ● | 1.628 |

2 TUBOS FLUORESCENTE / 2 LAMPS / 2 LAMPES

G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Q0038 | 18 W | ■ | 713 |
| Q0066 | 18 W | ● | 713 |
| Q0039 | 36 W | ■ | 1.323 |
| Q0067 | 36 W | ● | 1.323 |
| Q0040 | 58 W | ■ | 1.628 |
| Q0068 | 58 W | ● | 1.628 |

■ Electrónica / Electronic / Électronique

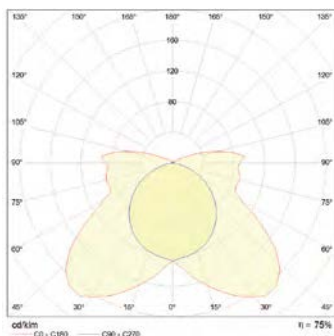
● Regulable / Dimmable / Gradable

1.18

TR3

1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

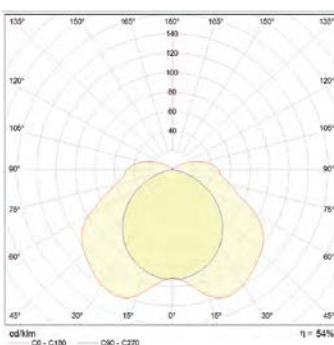
G13/T8



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| Q0051 | 14 W | ■ | 675 |
| Q0069 | 14 W | ● | 675 |
| Q0052 | 21 W | ■ | 970 |
| Q0070 | 21 W | ● | 979 |
| Q0053 | 28 W | ■ | 1.276 |
| Q0071 | 28 W | ● | 1.276 |
| Q0054 | 35 W | ■ | 1.578 |
| Q0072 | 35 W | ● | 1.578 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| Q0089 | 24 W | ■ | 675 |
| Q0087 | 24 W | ● | 675 |
| Q0055 | 39 W | ■ | 970 |
| Q0073 | 39 W | ● | 970 |
| Q0086 | 49 W | ■ | 1.578 |
| Q0088 | 49 W | ● | 1.578 |
| Q0056 | 54 W | ■ | 1.276 |
| Q0074 | 54 W | ● | 1.276 |
| Q0081 | 80 W | ■ | 1.578 |
| Q0083 | 80 W | ● | 1.578 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES

G13/T8



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| Q0057 | 14 W | ■ | 675 |
| Q0075 | 14 W | ● | 675 |
| Q0058 | 21 W | ■ | 970 |
| Q0076 | 21 W | ● | 979 |
| Q0059 | 28 W | ■ | 1.276 |
| Q0077 | 28 W | ● | 1.276 |
| Q0060 | 35 W | ■ | 1.578 |
| Q0078 | 35 W | ● | 1.578 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| Q0092 | 24 W | ■ | 675 |
| Q0090 | 24 W | ● | 675 |
| Q0061 | 39 W | ■ | 970 |
| Q0079 | 39 W | ● | 970 |
| Q0085 | 49 W | ■ | 1.578 |
| Q0091 | 49 W | ● | 1.578 |
| Q0062 | 54 W | ■ | 1.276 |
| Q0080 | 54 W | ● | 1.276 |

■ Electrónica / Electronic / Électronique ● Regulable / Dimmable / Gradable

IP67

IK07

CE

EN 60598-1


BAJAS TEMPERATURAS / LOW TEMPERATURES / BASSES TEMPÉRATURES

G13/T8

| Ref. | Potencia Watts <i>Puissance</i> | Equipo Equipment <i>Ballast</i> | Largo Length <i>Longueur</i> |
|-------|---------------------------------------|---------------------------------------|------------------------------------|
| | (W) | | (mm) |
| Q0345 | 1 x 18 W | | 713 |
| Q0344 | 1 x 36 W | | 1.323 |
| Q0343 | 1 x 58 W | | 1.628 |
| Q0342 | 2 x 18 W | | 713 |
| Q0341 | 2 x 36 W | | 1.323 |
| Q0340 | 2 x 58 W | | 1.628 |

1.18

TR3

TR3 LED



Brida
Clamp
Collier



1 TUBO LED/ 1 LED TUBE / 1 TUBE LED

G13/T8

| Ref. | Longitud Tubo Tube Length Longueur Tube (mm) | Longitud Luminaria Fitting Length Longueur Luminaire (mm) |
|--------|---|--|
| Q0035L | 600 | 713 |
| Q0036L | 1.200 | 1.323 |
| Q0037L | 1.500 | 1.628 |

2 TUBOS LED/ 2 LED TUBES / 2 TUBES LED

G13/T8

| Ref. | Longitud Tubo Tube Length Longueur Tube (mm) | Longitud Luminaria Fitting Length Longueur Luminaire (mm) |
|--------|---|--|
| Q0038L | 600 | 713 |
| Q0039L | 1.200 | 1.323 |
| Q0040L | 1.500 | 1.628 |



1.18

TR3

1 TUBO LED / 1 LED TUBE / 1 TUBE LED

G13/T8

| Ref. | Longitud Tubo Tube Length Longueur Tube | Longitud Luminaria Fitting Length Longueur Luminaire |
|--------|---|--|
| | (mm) | (mm) |
| Q0201L | 600 | 713 |
| Q0202L | 1.200 | 1.323 |
| Q0203L | 1.500 | 1.628 |

2 TUBOS LED / 2 LED TUBES / 2 TUBES LED

G13/T8

| Ref. | Longitud Tubo Tube Length Longueur Tube | Longitud Luminaria Fitting Length Longueur Luminaire |
|--------|---|--|
| | (mm) | (mm) |
| Q0204L | 600 | 713 |
| Q0205L | 1.200 | 1.323 |
| Q0206L | 1.500 | 1.628 |

ACCESORIOS TR3 / TR3 ACCESORIES / ACCESSOIRES TR3

TR3 OPAL



| Ref. | Potencia Watts Puissance |
|------|--------------------------------|
| | (W) |
| | 18 |
| | 36 |
| | 58 |
| | 14-24 |
| | 21-39 |
| | 28-54 |
| | 35-49-80 |

Ref luminaria + "O". Ej.: Q06010
Light fitting ref + "O". Ex.: Q06010
Ref luminaire + "O". Ex.: Q06010



1.18

TR3

ACCESORIOS TR3 / TR3 ACCESORIES / ACCESSOIRES TR3



Ref. **Q0338**

Bridas de acero cincado
Zinc-plated steel clamps
Colliers en acier galvanisé



Ref. **Q0347**

Bridas de acero inoxidable
Stainless steel clamps
Colliers inox antivandalisme



Ref. **Q0348**

Bridas de acero inoxidable de apertura rápida
Quick opening stainless steel clamps
Colliers inox de ouverture rapide à grenouillère



Ref. **Q0349**

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier



Ref. **Q0351**

Conexión rápida
Quick connection
Connecteurs étanches de connection rapide



Ref. **Q0339**

Tapas metálicas y racor metálico
Metallic end caps and cable glands
Embouts et presse-étoupes métalliques



Ref. **Q0155**

Brida de policarbonato antivandálica
Antivandalic polycarbonate clamps
Colliers antivandalism en polycarbonate



Ref. **Q0334**

Brida de A.B.S. (2 unidades)
A.B.S. clamp (2 units)
Colliers en A.B.S. (2 uts.)



Ref. **Q0161**

Válvula anticondensación y de equilibrado de presión
Anticondensation valve and pressure balancing
Valve anti-condensation et équilibrage de pression

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. **Q0350**

5 polos / 5 poles / 5 pôles

Ref. **Q0361**

1-10
DALI

EMERGENCY
1h / 3h

REFLECTORES ESPECIALES

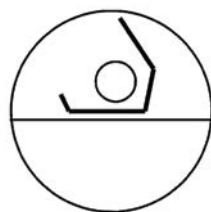
SPECIAL REFLECTORS / RÉFLECTEURS SPÉCIAUX

REFLECTOR INTENSIVO / INTENSIVE REFLECTOR / RÉFLECTEURS INTENSIF



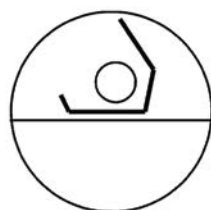
| Ref. | Potencia Watts Puissance |
|-------|--------------------------------|
| | (W) |
| Q0276 | 1 x 14 / 24 W |
| Q0277 | 1 x 21 / 39 W |
| Q0278 | 1 x 28 / 54 W |
| Q0279 | 1 x 35 / 49 / 80 W |

REFLECTOR INTENSIVO / INTENSIVE REFLECTOR / RÉFLECTEURS INTENSIF



| Ref. | Potencia Watts Puissance |
|-------|--------------------------------|
| | (W) |
| Q0280 | 1 x 14 / 24 W |
| Q0281 | 1 x 21 / 39 W |
| Q0282 | 1 x 28 / 54 W |
| Q0283 | 1 x 35 / 49 / 80 W |

REFLECTOR INTENSIVO / INTENSIVE REFLECTOR / RÉFLECTEURS INTENSIF



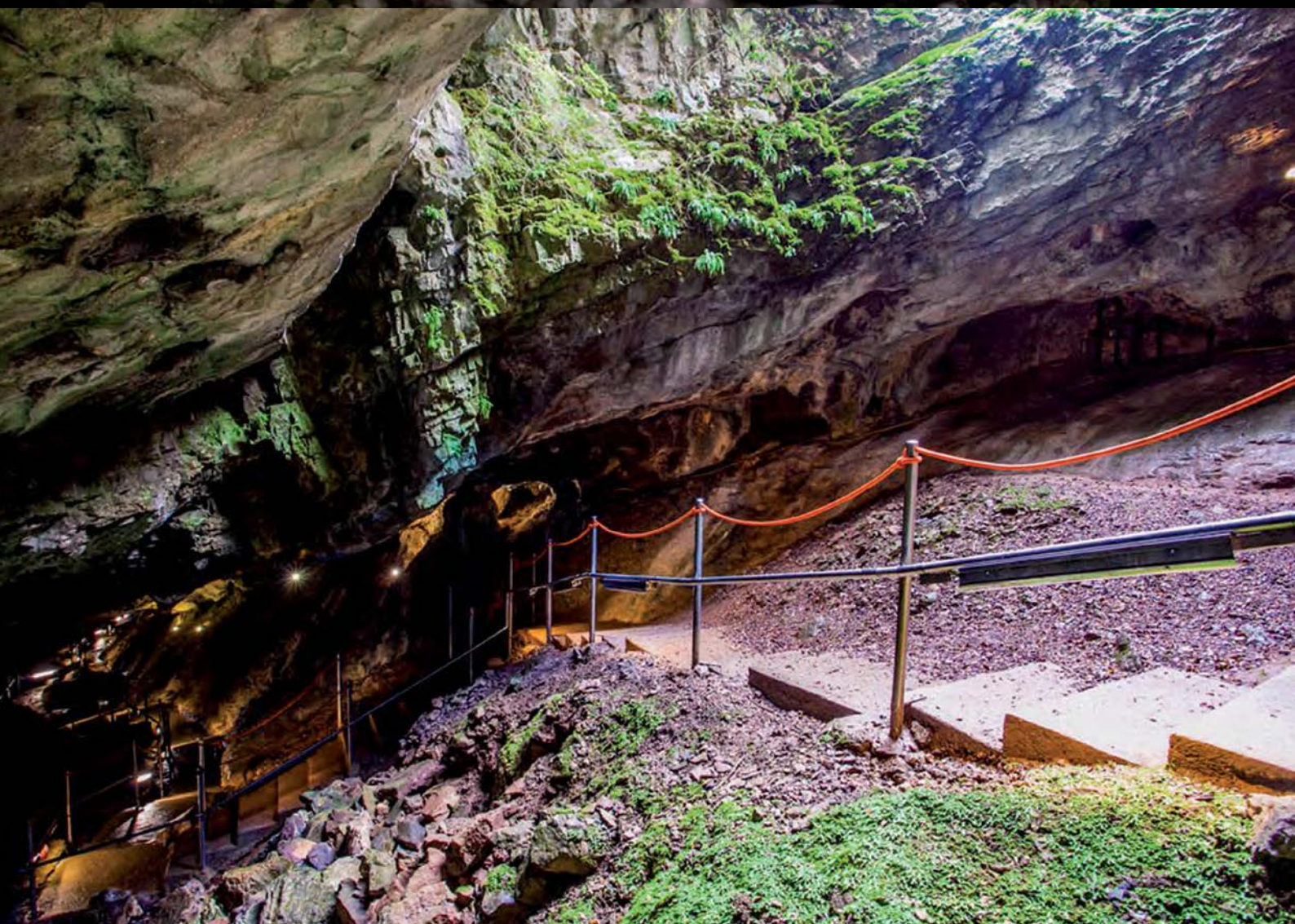
| Ref. | Potencia Watts Puissance |
|-------|--------------------------------|
| | (W) |
| Q0284 | 1 x 14 / 24 W |
| Q0285 | 1 x 21 / 39 W |
| Q0286 | 1 x 28 / 54 W |
| Q0287 | 1 x 35 / 49 / 80 W |

Válidos para los modelos Rinox, Resist, TR2 y TR3.



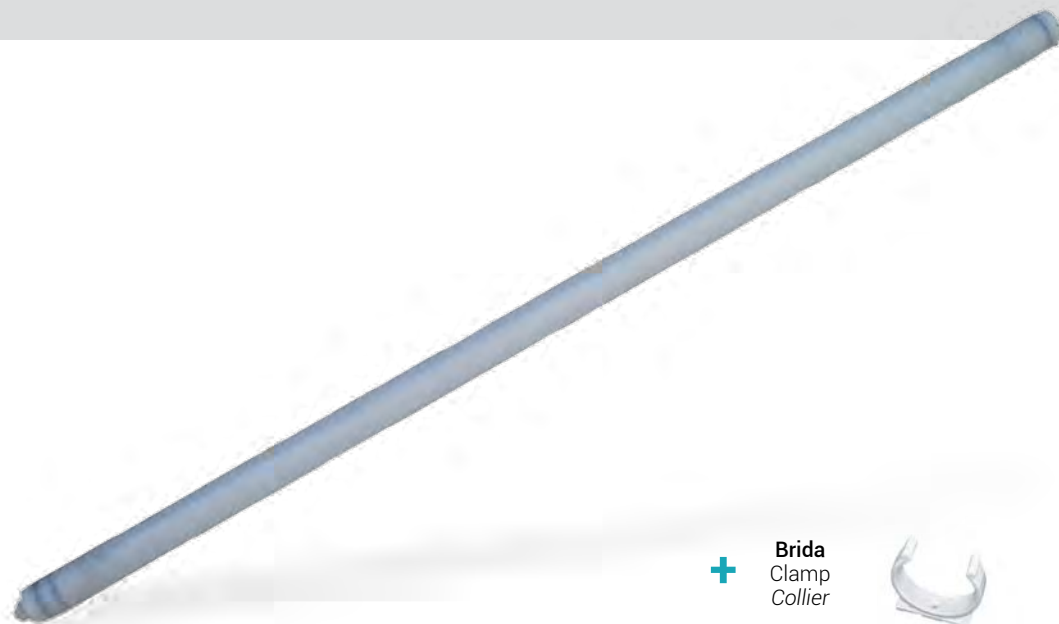
TR4 OPAL LED

Cueva de las Gúisas, Villanua, España
Witches Cave, Villanua, Spain
Grotte des Sorcières, Villanua, Espagne

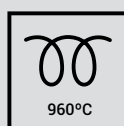
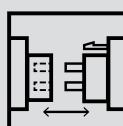
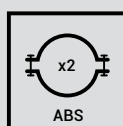
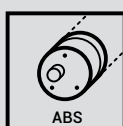
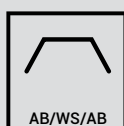
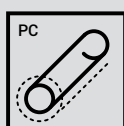
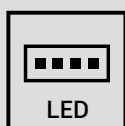


1.19

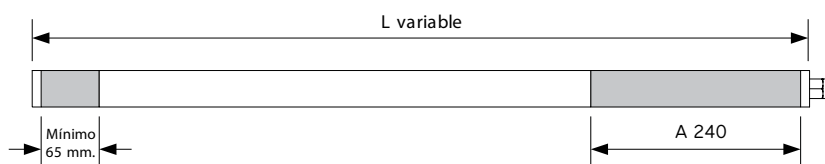
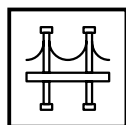
EXCALIBUR



+ Brida
Clamp
Collier



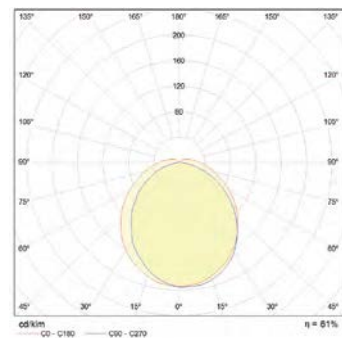
APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



| | | | | | | | |
|-----|----------------|------------|-------|-----------------------|------|------|------------------|
| RG1 | MACADAM 3/4 | UGR <19 | CR>80 | L70B50 > 50.000 | IP67 | IK07 | CE EN 60598-1 |
|-----|----------------|------------|-------|-----------------------|------|------|------------------|



| Ref. | Tamaño Size Dimension (mm) | Potencia Watts Puissance (W) | Emisión Light emission Intensité lum. (Lm) | Emisión neta Net output Flux sortant (Lm) | Tª color Tª colour Tª couleur (°K) | Largo Length Longueur (mm) | Ancho Wide Large (mm) | Embalaje Packaging Carton |
|-------|-------------------------------------|---------------------------------------|---|---|---|-------------------------------------|--------------------------------|---------------------------------|
| ER113 | 600 | 13 | 1490 | 906 | 3000 | 1080 | 41 | 1 |
| ER114 | 600 | 13 | 1550 | 942 | 4000 | 1080 | 41 | 1 |
| ER123 | 600 | 16 | 2560 | 1556 | 3000 | 1080 | 41 | 1 |
| ER124 | 600 | 16 | 2670 | 1623 | 4000 | 1080 | 41 | 1 |
| ER213 | 1200 | 24 | 2980 | 1812 | 3000 | 1620 | 41 | 1 |
| ER214 | 1200 | 24 | 3200 | 1946 | 4000 | 1620 | 41 | 1 |
| ER223 | 1200 | 32 | 5120 | 3113 | 3000 | 1620 | 41 | 1 |
| ER224 | 1200 | 32 | 5340 | 3247 | 4000 | 1620 | 41 | 1 |
| ER313 | 1500 | 29 | 3720 | 2262 | 3000 | 1910 | 41 | 1 |
| ER314 | 1500 | 29 | 4000 | 2432 | 4000 | 1910 | 41 | 1 |
| ER323 | 1500 | 40 | 6310 | 3836 | 3000 | 1910 | 41 | 1 |
| ER324 | 1500 | 40 | 6700 | 4074 | 4000 | 1910 | 41 | 1 |

ACCESORIOS TR3 / TR3 ACCESORIES / ACCESSOIRES TR3



Ref.

Q0057

Bridas de acero inoxidable
Stainless steel clamps
Colliers inox antivandalisme



Q0063

Tapas metálicas y racor metálico
Metallic end caps and nickel-plated gland
Embouts métalliques et presseétoupe



Q0349

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0882

5 polos / 5 poles / 5 pôles

Ref. Q0580



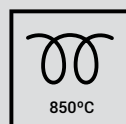
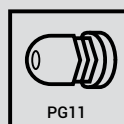
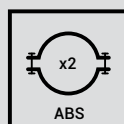
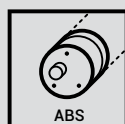
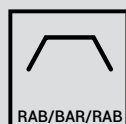
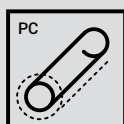
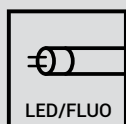
EMERGENCY
1h / 3h

1.20

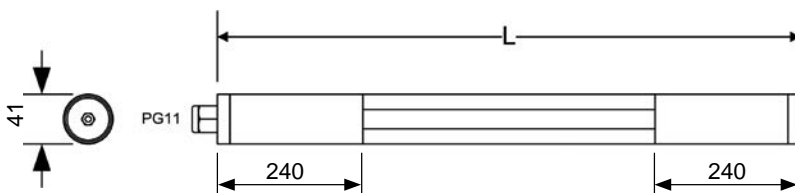
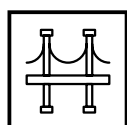
TR4



Brida
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IP67

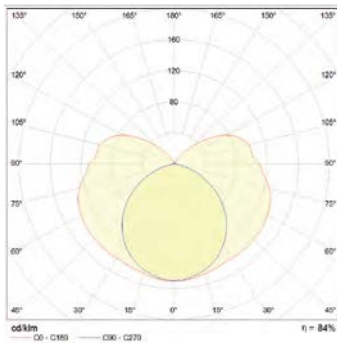
CE

EN 60598-1



1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

G5/T5

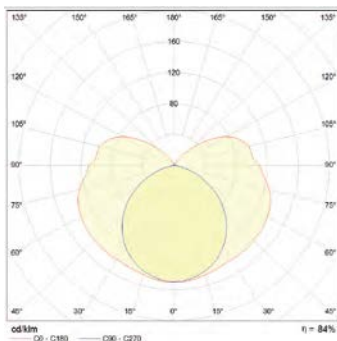


| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| R0015 | 18 W | ■ | 1.080 |
| R0022 | 18 W | ● | *** |
| R0016 | 36 W | ■ | 1.940 |
| R0023 | 36 W | ● | *** |
| R0017 | 58 W | ■ | 2.240 |
| R0024 | 58 W | ● | *** |

*** Consultar / Consult / Consulter

1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

G5/T5



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|---|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| R0051 | 14 W | ■ | 1.038 |
| R0025 | 14 W | ● | *** |
| R0052 | 21 W | ■ | 1.335 |
| R0026 | 21 W | ● | *** |
| R0053 | 28 W | ■ | 1.800 |
| R0027 | 28 W | ● | *** |
| R0054 | 35 W | ■ | 2.100 |
| R0028 | 35 W | ● | *** |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| R0031 | 24 W | ■ | 1.038 |
| R0034 | 24 W | ● | *** |
| R0055 | 39 W | ■ | 1.510 |
| R0029 | 39 W | ● | *** |
| R0032 | 49 W | ■ | 2.100 |
| R0035 | 49 W | ● | *** |
| R0056 | 54 W | ■ | 1.800 |
| R0030 | 54 W | ● | *** |
| R0033 | 80 W | ■ | 2.330 |
| R0036 | 80 W | ● | *** |

■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

*** Consultar / Consult / Consulter

1.20

TR4 ALUMINIUM



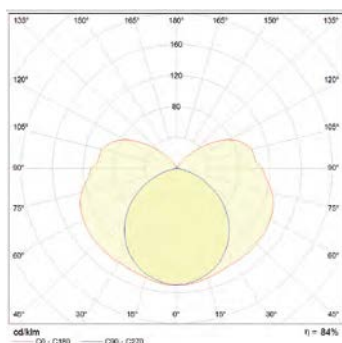
IP67

CE

EN 60598-1

1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

G5/T5

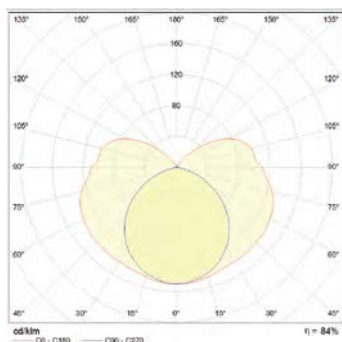


| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| R0115 | 18 W | ■ | 1.080 |
| R0118 | 18 W | ● | *** |
| R0116 | 36 W | ■ | 1.940 |
| R0119 | 36 W | ● | *** |
| R0117 | 58 W | ■ | 2.240 |
| R0120 | 58 W | ● | *** |

*** Consultar / Consult / Consulter

1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

G5/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| R0151 | 14 W | ■ | 1.038 |
| R0157 | 14 W | ● | *** |
| R0152 | 21 W | ■ | 1.335 |
| R0126 | 21 W | ● | *** |
| R0153 | 28 W | ■ | 1.800 |
| R0158 | 28 W | ● | *** |
| R0154 | 35 W | ■ | 2.100 |
| R0159 | 35 W | ● | *** |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| R0161 | 24 W | ■ | 1.038 |
| R0165 | 24 W | ● | *** |
| R0155 | 39 W | ■ | 1.510 |
| R0169 | 39 W | ● | *** |
| R0163 | 49 W | ■ | 2.100 |
| R0167 | 49 W | ● | *** |
| R0156 | 54 W | ■ | 1.800 |
| R0160 | 54 W | ● | *** |
| R0164 | 80 W | ■ | 2.330 |
| R0168 | 80 W | ● | *** |

*** Consultar / Consult / Consulter

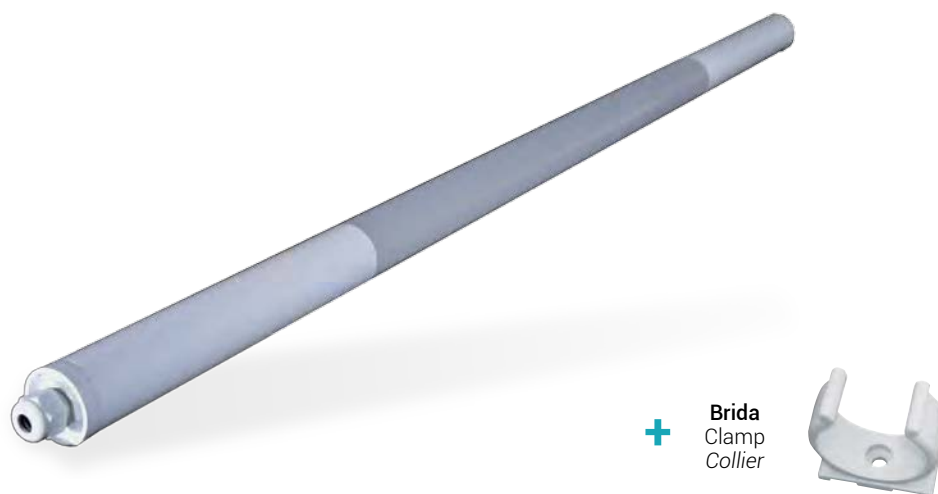
■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

1.20

IP67

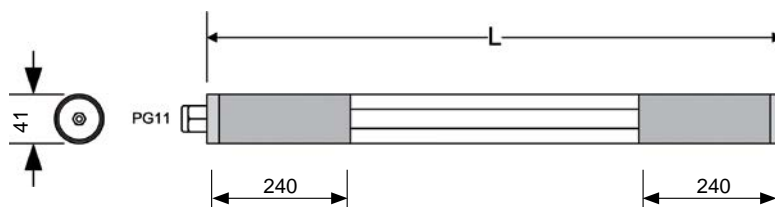
CE
EN 60598-1



+ **Brida**
Clamp
Collier

| | | | | | | | | | |
|-----------------|------|------|-----|---------|------|---------|---------|------|------|
| Potencia | | | | | | | | | |
| Watts | 18 W | 36 W | 58W | 14-24 W | 21 W | 28-54 W | 35-49 W | 39 W | 80 W |
| Puissance | | | | | | | | | |

Ref luminaria + "O". Ej.: R00150
Light fitting ref + "O". Ex.:R00150
Ref luminaire + "O". Ex.: R00150



TR4 LED

IP67

IK10

CE

EN 60598-1



BLANCO / WHITE / *BLANC*



OPAL / MATTE / *OPALE*

G13/T8

| Ref. | Longitud Tubo Tube Length <i>Longueur Tube</i> | Longitud Luminaria Fitting Length <i>Longueur Luminaire</i> |
|--------|--|---|
| | (mm) | (mm) |
| R0015L | 600 | 780 |
| R0014L | 900 | 1.080 |
| R0016L | 1.200 | 1.380 |
| R0017L | 1.500 | 1.680 |

ALUMINIO / ALUMINIUM / ALUMINIUM

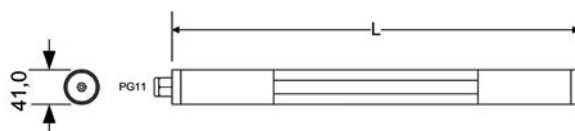
G13/T8

| Ref. | Longitud Tubo Tube Length <i>Longueur Tube</i> | Longitud Luminaria Fitting Length <i>Longueur Luminaire</i> |
|--------|--|---|
| | (mm) | (mm) |
| R0115L | 600 | 780 |
| R0114L | 900 | 1.080 |
| R0116L | 1.200 | 1.380 |
| R0117L | 1.500 | 1.680 |

OPAL / MATTE / OPAL

G13/T8

| Ref. | Longitud Tubo Tube Length <i>Longueur Tube</i> | Longitud Luminaria Fitting Length <i>Longueur Luminaire</i> |
|--------|--|---|
| | (mm) | (mm) |
| R0201L | 600 | 780 |
| R0204L | 900 | 1.080 |
| R0202L | 1.200 | 1.380 |
| R0203L | 1.500 | 1.680 |



1.20

TR4

IP67

CE

EN 60598-1

ACCESORIOS TR4 / TR4 ACCESORIES / ACCESSOIRES TR4



Ref.

R0057

Bridas de acero inoxidable
Stainless steel clamps
Colliers inox antivandalisme



R0063

Tapas metálicas y racor metálico
Metallic end caps and cable glands
Embouts et presse-étoupes métalliques



Q0349

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier

LÍNEA CONTINUA

CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. R0058

5 polos / 5 poles / 5 pôles

Ref. R0064

1-10
DALI

EMERGENCY
1h / 3h



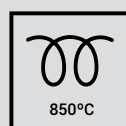
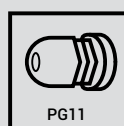
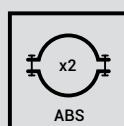
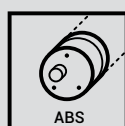
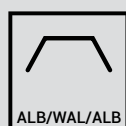
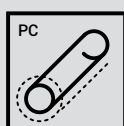
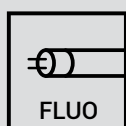
TR4
Residencia Can Travi, Barcelona, España. Luminaria TR4
Retirement home Can Travi, Barcelona, Spain. TR4 luminaire
Maison de retraite Can Travi, Barcelona, Espagne. Luminaire TR4



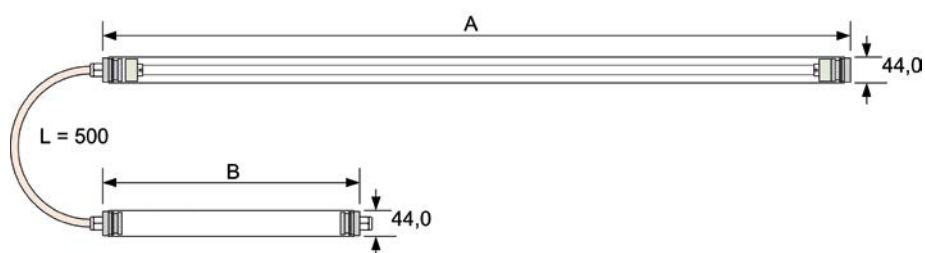
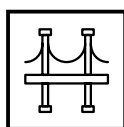
TR4
Residencia Can Travi, Barcelona, España. Luminaria TR4
Retirement home Can Travi, Barcelona, Spain. TR4 luminaire
Maison de retraite Can Travi, Barcelona, Espagne. Luminaire TR4

1.21

COMPACT



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

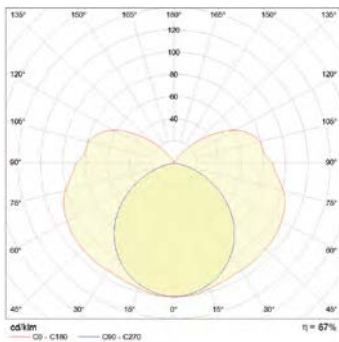
IP67

IK10

CE

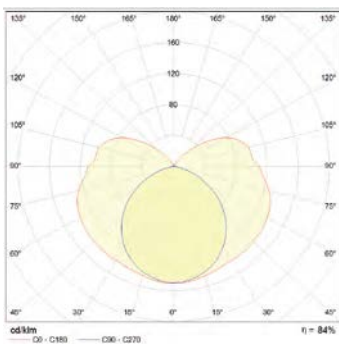
EN 60598-1

G5/T8



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| R0201 | 18 W | ■ | 745 + 245 |
| R0204 | 18 W | ● | 745 + 245 |
| R0202 | 36 W | ■ | 1.355 + 440 |
| R0205 | 36 W | ● | 1.355 + 440 |
| R0203 | 58 W | ■ | 1.655 + 440 |
| R0206 | 58 W | ● | 1.655 + 440 |

G5/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| R0207 | 14 W | ■ | 692 + 245 |
| R0216 | 14 W | ● | 692 + 245 |
| R0208 | 21 W | ■ | 992 + 245 |
| R0217 | 21 W | ● | 992 + 245 |
| R0209 | 28 W | ■ | 1.292 + 440 |
| R0218 | 28 W | ● | 1.292 + 440 |
| R0210 | 35 W | ■ | 1.592 + 440 |
| R0219 | 35 W | ● | 1.592 + 440 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| R0211 | 24 W | ■ | 692 + 245 |
| R0220 | 24 W | ● | 692 + 245 |
| R0212 | 39 W | ■ | 992 + 245 |
| R0221 | 39 W | ● | 992 + 245 |
| R0213 | 49 W | ■ | 1.592 + 440 |
| R0222 | 49 W | ● | 1.592 + 440 |
| R0214 | 54 W | ■ | 1.292 + 440 |
| R0223 | 54 W | ● | 1.292 + 440 |
| R0215 | 80 W | ■ | 1.592 + 440 |
| R0224 | 80 W | ● | 1.592 + 440 |

■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

ACCESORIOS COMPACT / COMPACT ACCESORIES / ACCESSOIRES COMPACT



Ref.

R0057

Bridas de acero inoxidable
Stainless steel clamps
Colliers inox antivandalisme

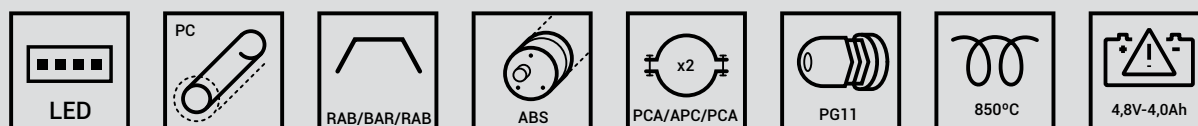


R0063

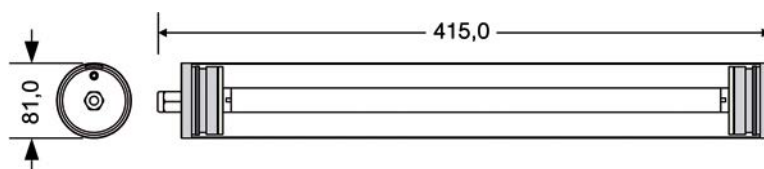
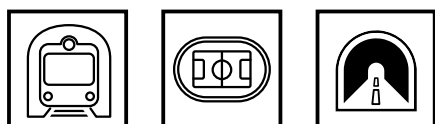
Tapas metálicas y racor metálico
Metallic end caps and cable glands
Embouts et presse-étoupes métalliques

1.22

EMELUX LED

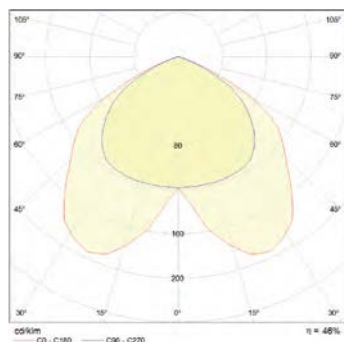


APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES





| | | | | | | | |
|-----|----------------|------------|-------|-----------------------|------|------|--------------------------------|
| RG1 | MACADAM 3/4 | UGR <19 | CR>80 | L70B50 > 50.000 | IK07 | IP67 | 60598-2-22 CE EN 60598-1 |
|-----|----------------|------------|-------|-----------------------|------|------|--------------------------------|



| Ref. | Rendimiento Size Dimension (lm) | Equipo Equipment Ballast (W) | Autonomía Autonomy Autonomie (h) |
|-------|--|---------------------------------------|---|
| Q0303 | 100 | ● | 3 |
| Q0304 | 100 | ● | 3 |
| Q0305 | 200 | ● | 1,5 |
| Q0306 | 200 | ● | 1,5 |
| Q0307 | 300 | ● | 1 |
| Q0308 | 300 | ● | 1 |

Cumplen la norma 60598-2-22.

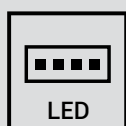
● Permanente / permanent / permanent
● No permanente / not permanent / non permanent

ACCESORIOS EMELUX / EMELUX ACCESORIES / ACCESSOIRES EMELUX

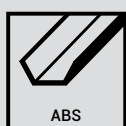
| | | |
|---|---|---|
| Ref. Q0334 Brida de A.B.S. (2 unidades) A.B.S. clamp (2 units) Colliers en A.B.S. (2 uts.) | Ref. Q0338 Bridas de acero cincado Zinc-plated steel clamps Colliers en acier galvanisé | Ref. Q0348 Bridas de acero inoxidable de apertura rápida Quick opening stainless steel clamps Colliers inox de ouverture rapide à grenouillère |
| Ref. Q0347 Bridas de acero inoxidable Stainless steel clamps Colliers inox antivandalisme | Ref. Q0349 Suspensión con cable de acero Steel cable suspension Suspension avec câble en acier | Ref. Q0339 Tapas metálicas y racor metálico Metallic end caps and cable glands Embouts et presse-étoupes métalliques |

1.23

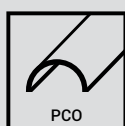
PISTON



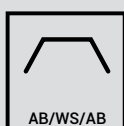
LED



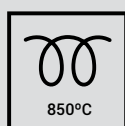
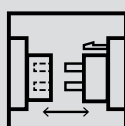
ABS



PCO

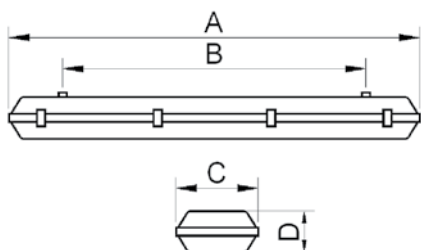


AB/WS/AB



850°C

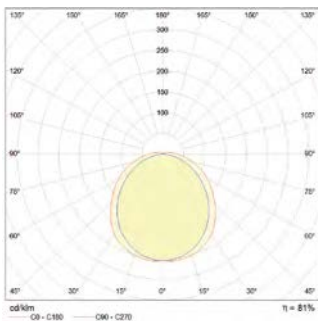
APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



| | | | | | | | |
|-----|----------------|------------|-------|-----------------------|------|------|------------------|
| RG1 | MACADAM 3/4 | UGR <19 | CR>80 | L70B50 > 50.000 | IP65 | IK07 | CE EN 60598-1 |
|-----|----------------|------------|-------|-----------------------|------|------|------------------|



| Ref. | Tamaño Size Dimension | Potencia Watts Puissance | Emisión Light emission Intensité lum. | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | A | B | C | D | Cierre Fasteners Fermetures | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|------|------|------|------|-----------------------------------|------------------------------------|
| | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | (mm) | (mm) | | |
| PI113 | 600 | 24 | 2980 | 2420 | 3000 | 664 | 260 | 160 | 110 | 6 | 1 |
| PI114 | 600 | 24 | 3200 | 2598 | 4000 | 664 | 260 | 160 | 110 | 6 | 1 |
| PI123 | 600 | 32 | 5120 | 4157 | 3000 | 664 | 260 | 160 | 110 | 6 | 1 |
| PI124 | 600 | 32 | 5340 | 4336 | 4000 | 664 | 260 | 160 | 110 | 6 | 1 |
| PI213 | 1200 | 48 | 5960 | 4840 | 3000 | 1274 | 870 | 160 | 110 | 8 | 1 |
| PI214 | 1200 | 48 | 6400 | 5197 | 4000 | 1274 | 870 | 160 | 110 | 8 | 1 |
| PI223 | 1200 | 64 | 10240 | 8315 | 3000 | 1274 | 870 | 160 | 110 | 8 | 1 |
| PI224 | 1200 | 64 | 10680 | 8672 | 4000 | 1274 | 870 | 160 | 110 | 8 | 1 |
| PI313 | 1500 | 58 | 7440 | 6041 | 3000 | 1575 | 650 | 160 | 110 | 12 | 1 |
| PI314 | 1500 | 58 | 8000 | 6496 | 4000 | 1575 | 650 | 160 | 110 | 12 | 1 |
| PI323 | 1500 | 80 | 12620 | 10247 | 3000 | 1575 | 650 | 160 | 110 | 12 | 1 |
| PI324 | 1500 | 80 | 13400 | 10881 | 4000 | 1575 | 650 | 160 | 110 | 12 | 1 |

ACCESORIOS PISTON / PISTON ACCESSORIES / ACCESSOIRES PISTON



Ref.

S2150

Grapa de acero inoxidable
Stainless steel clip
Clip acier inox



S2151

Sujeción a carril
Rail fastening
Platine de fixation sur rail

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0883

5 polos / 5 poles / 5 pôles

Ref. Q0887

1-10
DALI

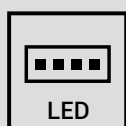
EMERGENCY
1h / 3h



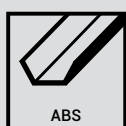


1.24

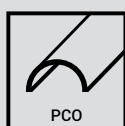
PISTON ECO



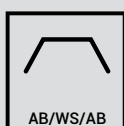
LED



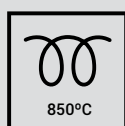
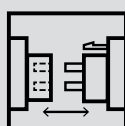
ABS



PCO

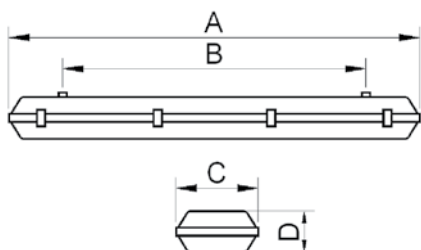
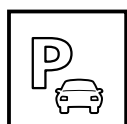


AB/WS/AB



850°C

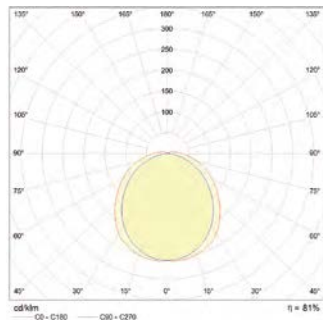
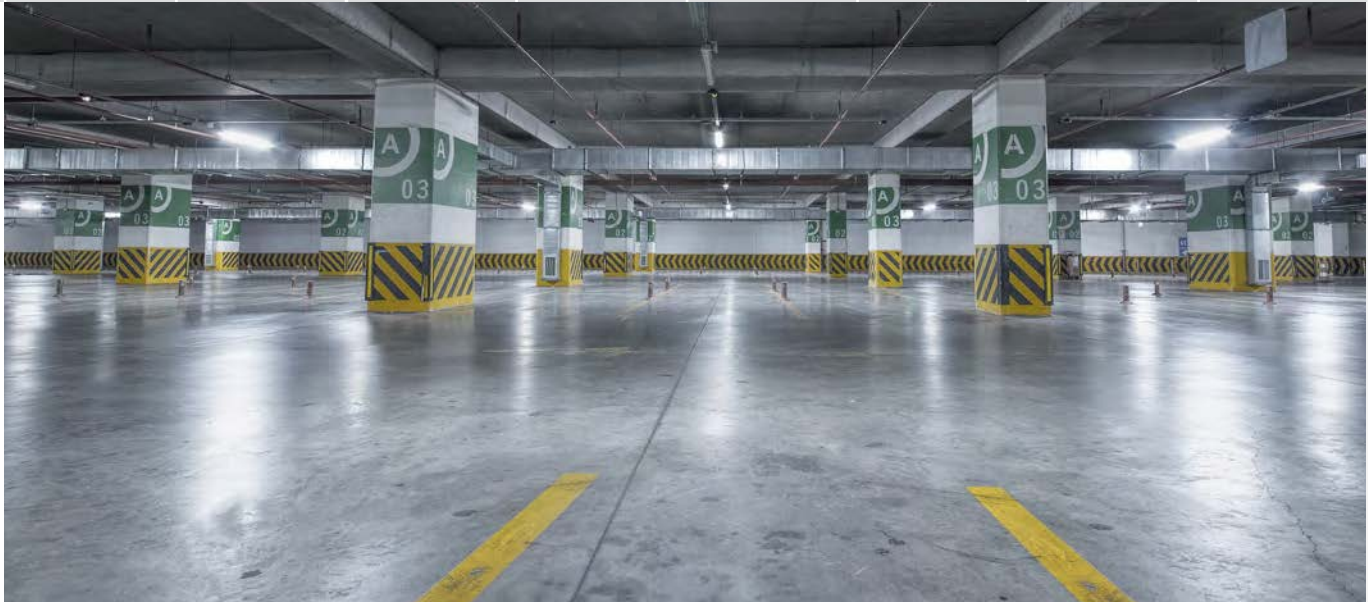
APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



| | | | | | | | |
|-----|----------------|------------|-------|-----------------------|------|------|------------------|
| RG1 | MACADAM 3/4 | UGR <19 | CR>80 | L70B50 > 50.000 | IP65 | IK07 | CE EN 60598-1 |
|-----|----------------|------------|-------|-----------------------|------|------|------------------|



| Ref. | Tamaño Size Dimension | Potencia Watts Puissance | Emisión Light emission Intensité lum. | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | A | B | C | D | Cierre Fasteners Fermetures | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|------|------|------|------|-----------------------------------|------------------------------------|
| | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | (mm) | (mm) | | |
| PC113 | 600 | 13 | 1490 | 1210 | 3000 | 664 | 260 | 100 | 110 | 6 | 1 |
| PC114 | 600 | 13 | 1550 | 1259 | 4000 | 664 | 260 | 100 | 110 | 6 | 1 |
| PC123 | 600 | 16 | 2560 | 2079 | 3000 | 664 | 260 | 100 | 110 | 6 | 1 |
| PC124 | 600 | 16 | 2670 | 2168 | 4000 | 664 | 260 | 100 | 110 | 6 | 1 |
| PC213 | 1200 | 24 | 2980 | 2420 | 3000 | 1274 | 870 | 100 | 110 | 8 | 1 |
| PC214 | 1200 | 24 | 3200 | 2598 | 4000 | 1274 | 870 | 100 | 110 | 8 | 1 |
| PC223 | 1200 | 32 | 5120 | 4157 | 3000 | 1274 | 870 | 100 | 110 | 8 | 1 |
| PC224 | 1200 | 32 | 5340 | 4336 | 4000 | 1274 | 870 | 100 | 110 | 8 | 1 |
| PC313 | 1500 | 29 | 3720 | 3021 | 3000 | 1575 | 650 | 100 | 110 | 12 | 1 |
| PC314 | 1500 | 29 | 4000 | 3248 | 4000 | 1575 | 650 | 100 | 110 | 12 | 1 |
| PC323 | 1500 | 40 | 6310 | 5124 | 3000 | 1575 | 650 | 100 | 110 | 12 | 1 |
| PC324 | 1500 | 40 | 6700 | 5440 | 4000 | 1575 | 650 | 100 | 110 | 12 | 1 |

ACCESORIOS PISTON / PISTON ACCESORIES / ACCESSOIRES PISTON



Ref.

S2150

Grapa de acero inoxidable
Stainless steel clip
Clip acier inox



S2151

Sujeción a carril
Rail fastening
Platine de fixation sur rail

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0883

5 polos / 5 poles / 5 pôles

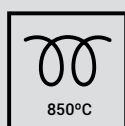
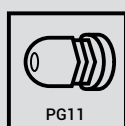
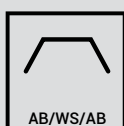
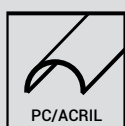
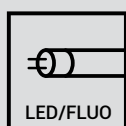
Ref. Q0887

1-10
DALI

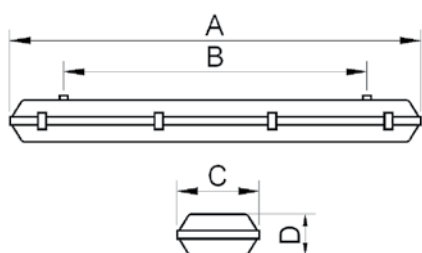
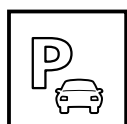
EMERGENCY
1h / 3h

1.25

SUPRA



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



| Potencia Watts Puissance | B | C | D | Cierres Fasteners Fermetures |
|--------------------------------|------|------|------|------------------------------------|
| (W) | (mm) | (mm) | (mm) | |
| 1 x 18 W | 260 | 100 | 110 | 6 |
| 1 x 36 W | 870 | 100 | 110 | 8 |
| 1 x 58 W | 650 | 100 | 110 | 12 |
| 2 x 18 W | 260 | 160 | 110 | 6 |
| 2 x 36 W | 650 | 160 | 110 | 8 |
| 2 x 58 W | 650 | 160 | 110 | 12 |



IT - DE



IP65

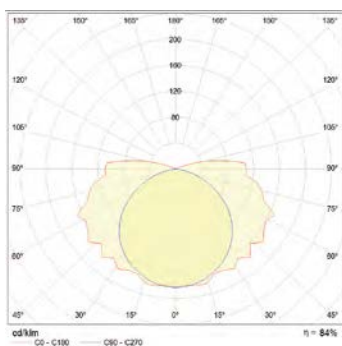


EN 60598-1



1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

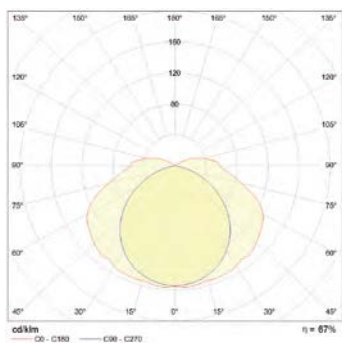
G13/T8



| Ref. Acrílico Acrylic Acrylique | Ref. PC | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|--|------------|--------------------------------|--------------------------------|-----------------------------|
| | | (W) | | (mm) |
| S0107 | S1107 | 18 W | ■ | 664 |
| S0127 | S1127 | 18 W | ● | 664 |
| S0108 | S1108 | 36 W | ■ | 1.274 |
| S0128 | S1128 | 36 W | ● | 1.274 |
| S0109 | S1109 | 58 W | ■ | 1.575 |
| S0129 | S1129 | 58 W | ● | 1.575 |

2 TUBOS FLUORESCENTE / 2 LAMPS / 2 LAMPES

G13/T8



| Ref. Acrílico Acrylic Acrylique | Ref. PC | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|--|------------|--------------------------------|--------------------------------|-----------------------------|
| | | (W) | | (mm) |
| S0119 | S1119 | 18 W | ■ | 664 |
| S0130 | S1130 | 18 W | ● | 664 |
| S0120 | S1120 | 36 W | ■ | 1.274 |
| S0131 | S1131 | 36 W | ● | 1.274 |
| S0121 | S1121 | 58 W | ■ | 1.575 |
| S0132 | S1132 | 58 W | ● | 1.575 |

■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

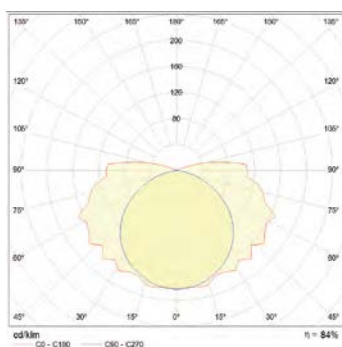
1.25

SUPRA T5



1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

G13/T8



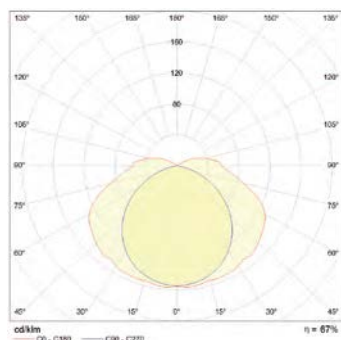
| Ref. Acrylic Acrylique | Ref. PC | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|---|------------|--------------------------------|--------------------------------|-----------------------------|
| | | (W) | | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | | |
| S2001 | S2101 | 14 W | ■ | 664 |
| S2014 | S2114 | 14 W | ● | 664 |
| S2002 | S2102 | 28 W | ■ | 1.274 |
| S2015 | S2115 | 28 W | ● | 1.274 |
| S2003 | S2103 | 35 W | ■ | 1.575 |
| S2016 | S2116 | 35 W | ● | 1.575 |
| Alto Rendimiento / High Output / Flux Élevé | | | | |
| S2004 | S2104 | 24 W | ■ | 664 |
| S2017 | S2117 | 24 W | ● | 664 |
| S2005 | S2105 | 49 W | ■ | 1.575 |
| S2018 | S2118 | 49 W | ● | 1.575 |
| S2006 | S2106 | 54 W | ■ | 1.274 |
| S2019 | S2119 | 54 W | ● | 1.274 |
| S2007 | S2107 | 80 W | ■ | 1.575 |
| S2020 | S2120 | 80 W | ● | 1.575 |

IP65

CE

2 TUBOS FLUORESCENTE / 2 LAMPS / 2 LAMPES

G13/T8



| Ref. Acrylic Acrylique | Ref. PC | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|---|------------|--------------------------------|--------------------------------|-----------------------------|
| | | (W) | | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | | |
| S2008 | S2108 | 14 W | ■ | 664 |
| S2021 | S2121 | 14 W | ● | 664 |
| S2009 | S2109 | 28 W | ■ | 1.274 |
| S2022 | S2122 | 28 W | ● | 1.274 |
| S2010 | S2110 | 35 W | ■ | 1.575 |
| S2023 | S2123 | 35 W | ● | 1.575 |
| Alto Rendimiento / High Output / Flux Élevé | | | | |
| S2011 | S2111 | 24 W | ■ | 664 |
| S2024 | S2124 | 24 W | ● | 664 |
| S2012 | S2112 | 49 W | ■ | 1.575 |
| S2025 | S2125 | 49 W | ● | 1.575 |
| S2013 | S2113 | 54 W | ■ | 1.274 |
| S2026 | S2126 | 54 W | ● | 1.274 |

■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

REFLECTOR ALUMINIO BRILLANTE

GLOSSY ALUMINIUM REFLECTOR

RÉFLECTEUR ALUMINIUM BRILLANT

| Potencia Watts Puissance | 1 x 14/24 W | 1 x 28/54 W | 1 x 35/49/80 W | 2 x 14/24 W | 2 x 28/54 W | 2 x 35/49 W |
|--------------------------------|-------------|-------------|----------------|-------------|-------------|-------------|
| | | | | | | |

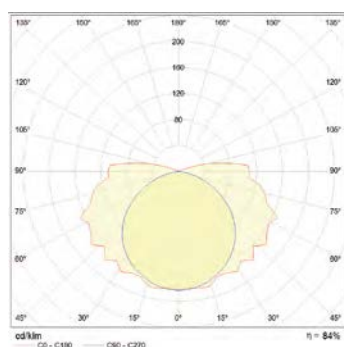
1.25

SUPRA



1 TUBO LED / 1 LED TUBE / 1 TUBE LED

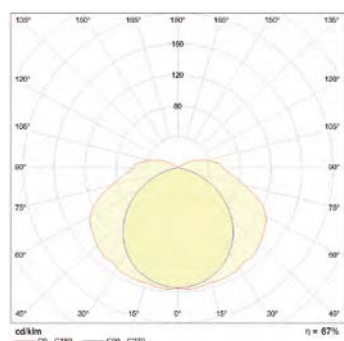
G13/T8



| Ref. Acrylic Acrylique | Ref. PC | Longitud Tubo Tube Length Longueur Tube | Longitud Luminaria Fitting Length Longueur Luminare |
|------------------------------|------------|---|---|
| | | (mm) | (mm) |
| S0107L | S1107L | 600 | 664 |
| S0108L | S1108L | 1.200 | 1.274 |
| S0109L | S1109L | 1.500 | 1.575 |

2 TUBOS LED / 2 LED TUBES / 2 TUBES LED

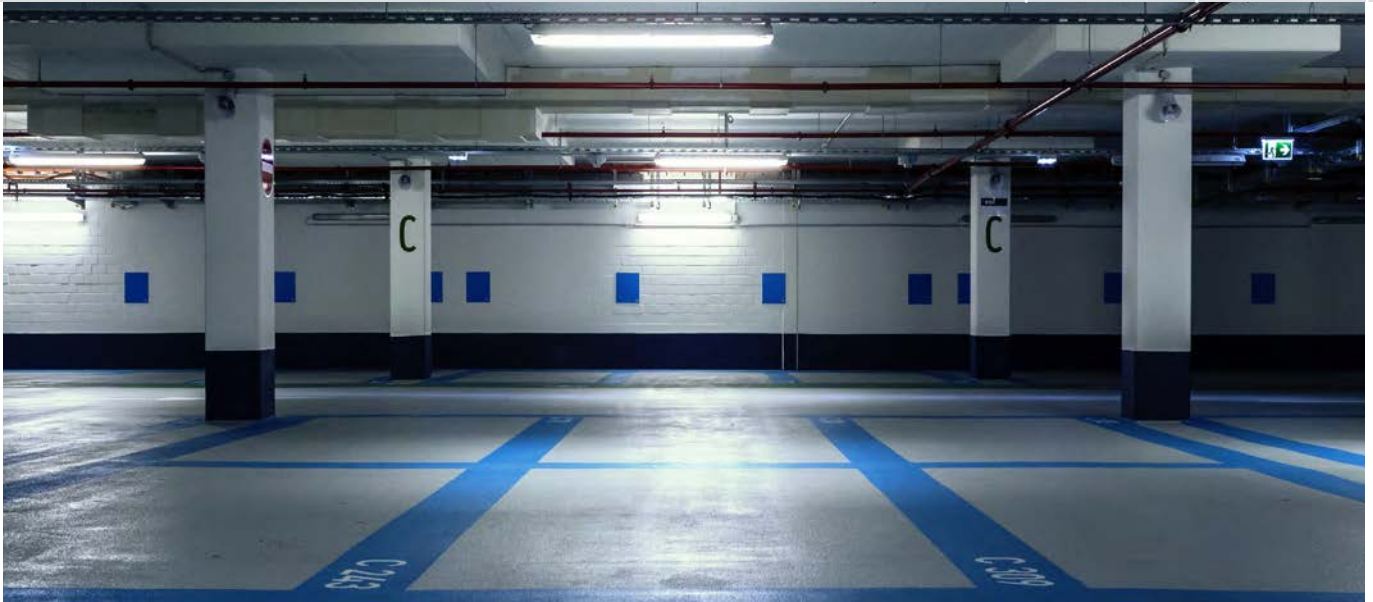
G13/T8



| Ref. Acrylic Acrylique | Ref. PC | Longitud Tubo Tube Length Longueur Tube | Longitud Luminaria Fitting Length Longueur Luminare |
|------------------------------|------------|---|---|
| | | (mm) | (mm) |
| S0119L | S1119L | 600 | 664 |
| S0120L | S1120L | 1.200 | 1.274 |
| S0121L | S1121L | 1.500 | 1.575 |

IP65

CE



ACCESORIOS SUPRA / SUPRA ACCESSORIES / ACCESSOIRES SUPRA



Ref.

S2150

Grapa de acero inoxidable
Stainless steel clip
Clip acier inox



S2151

Sujeción a carril DELTA
Delta rail fastening
Platine de fixation sur rail DELTA

LÍNEA CONTINUA

CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. S0122

5 polos / 5 poles / 5 pôles

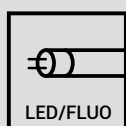
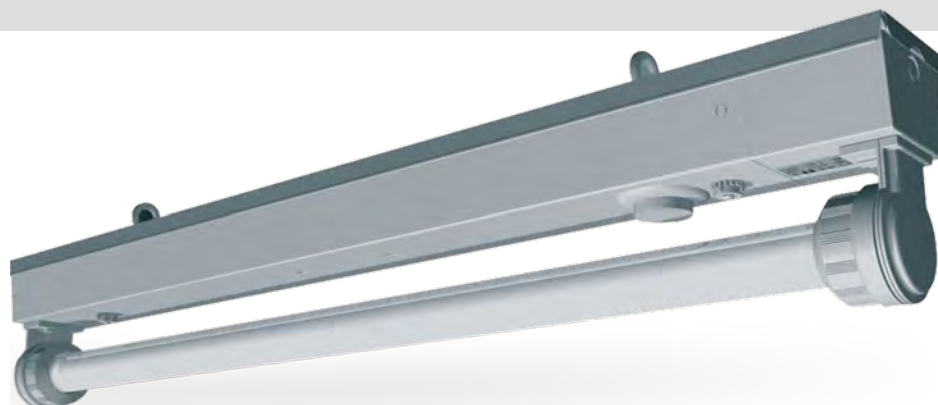
Ref. S0123

| |
|------|
| 1-10 |
| DALI |

EMERGENCY
1h / 3h

1.26

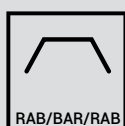
MODELO M IP65



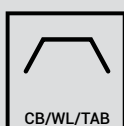
LED/FLUO



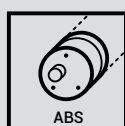
AP/LS/AL



RAB/BAR/RAB

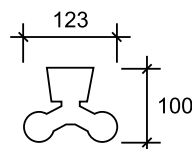
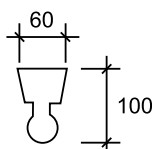
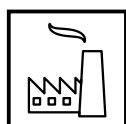
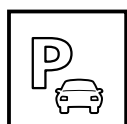


CB/WL/TAB



ABS

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP65

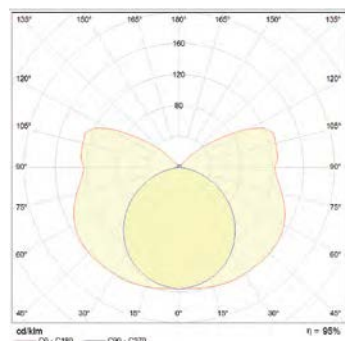
CE

EN 60598-1



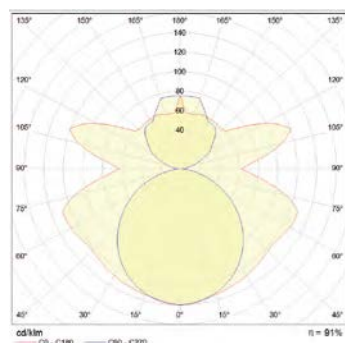
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| M0125 | 18 W | ■ | 624 |
| M0141 | 18 W | ● | 624 |
| M0126 | 36 W | ■ | 1.233 |
| M0142 | 36 W | ● | 1.233 |
| M0127 | 58 W | ■ | 1.534 |
| M0143 | 58 W | ● | 1.534 |

2 TUBOS FLUORESCENTE / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| M0128 | 18 W | ■ | 624 |
| M0144 | 18 W | ● | 624 |
| M0129 | 36 W | ■ | 1.233 |
| M0145 | 36 W | ● | 1.233 |
| M0130 | 58 W | ■ | 1.534 |
| M0146 | 58 W | ● | 1.534 |

■ Electrónica / Electronic / Électronique

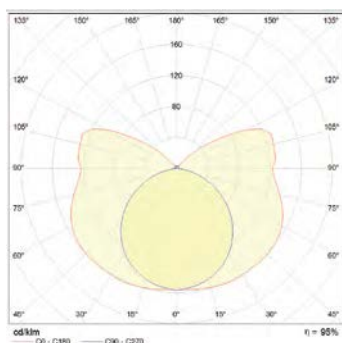
● Regulable / Dimmable / Gradable

1.26

MODELO M IP65

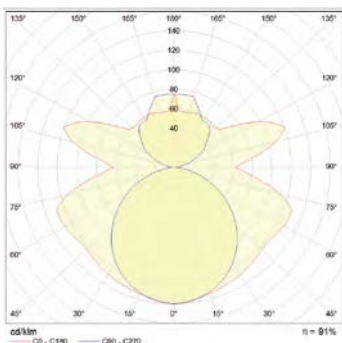
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

G5/T5



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|---|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| M0507 | 14 W | ■ | 589 |
| M0519 | 14 W | ● | 589 |
| M0508 | 21 W | ■ | 889 |
| M0520 | 21 W | ● | 889 |
| M0504 | 28 W | ■ | 1.189 |
| M0521 | 28 W | ● | 1.189 |
| M0503 | 35 W | ■ | 1.489 |
| M0522 | 35 W | ● | 1.489 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| M0505 | 24 W | ■ | 589 |
| M0523 | 24 W | ● | 589 |
| M0509 | 39 W | ■ | 889 |
| M0524 | 39 W | ● | 889 |
| M0510 | 49 W | ■ | 1.489 |
| M0525 | 49 W | ● | 1.489 |
| M0502 | 54 W | ■ | 1.189 |
| M0526 | 54 W | ● | 1.189 |
| M0501 | 80 W | ■ | 1.489 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|---|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| M0511 | 14 W | ■ | 589 |
| M0528 | 14 W | ● | 589 |
| M0512 | 21 W | ■ | 889 |
| M0529 | 21 W | ● | 889 |
| M0513 | 28 W | ■ | 1.189 |
| M0530 | 28 W | ● | 1.189 |
| M0506 | 35 W | ■ | 1.489 |
| M0531 | 35 W | ● | 1.489 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| M0514 | 24 W | ■ | 589 |
| M0532 | 24 W | ● | 589 |
| M0515 | 39 W | ■ | 889 |
| M0533 | 39 W | ● | 889 |
| M0516 | 49 W | ■ | 1.489 |
| M0534 | 49 W | ● | 1.489 |
| M0517 | 54 W | ■ | 1.189 |
| M0535 | 54 W | ● | 1.189 |

■ Electrónica / Electronic / Électronique

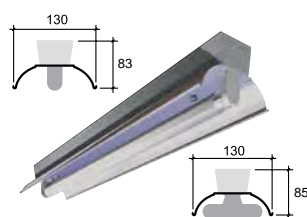
● Regulable / Dimmable / Gradable

IP65

CE

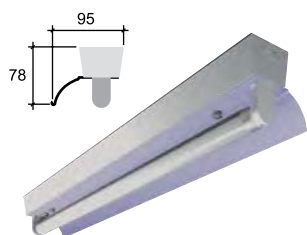
REFLECTORES MODELO M / MODELO M REFLECTOR / REFLECTEUR MODELO M

SIMÉTRICO / SYMMETRICAL / SYMÉTRIQUE



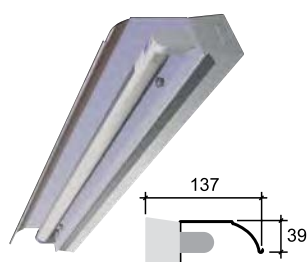
| Chapa precalada Lacquered steel Acier laqué | Aluminio brillante Glossy aluminium Aluminium brillant | Potencia Watts Puissance |
|---|--|--------------------------------|
| Ref. | Ref. | (W) |
| MA100 | MA1A0 | 1 / 2 x 18 W |
| MA200 | MA2A0 | 1 / 2 x 36 W |
| MA300 | MA3A0 | 1 / 2 x 58 W |
| ME100 | ME1A0 | 1 / 2 x 14/24 W |
| ME200 | ME2A0 | 1 / 2 x 21/39 W |
| ME300 | ME3A0 | 1 / 2 x 28/54 W |
| ME400 | ME4A0 | 1 / 2 x 35/49 W |

ASIMÉTRICO E / ASYMMETRICAL E / ASYMÉTRIQUE E



| Chapa precalada Lacquered steel Acier laqué | Aluminio brillante Glossy aluminium Aluminium brillant | Potencia Watts Puissance |
|---|--|--------------------------------|
| Ref. | Ref. | (W) |
| MC100 | MC1A0 | 1 / 2 x 18 W |
| MC200 | MC2A0 | 1 / 2 x 36 W |
| MC300 | MC3A0 | 1 / 2 x 58 W |
| MG100 | MG1A0 | 1 / 2 x 14/24 W |
| MG200 | MG2A0 | 1 / 2 x 21/39 W |
| MG300 | MG3A0 | 1 / 2 x 28/54 W |
| MG400 | MG4A0 | 1 / 2 x 35/49 W |

ASIMÉTRICO I / ASYMMETRICAL I / ASYMÉTRIQUE I



| Chapa precalada Lacquered steel Acier laqué | Aluminio brillante Glossy aluminium Aluminium brillant | Potencia Watts Puissance |
|---|--|--------------------------------|
| Ref. | Ref. | (W) |
| MD100 | MD1A0 | 1 / 2 x 18 W |
| MD200 | MD2A0 | 1 / 2 x 36 W |
| MD300 | MD3A0 | 1 / 2 x 58 W |
| MH100 | MH1A0 | 1 / 2 x 14/24 W |
| MH200 | MH2A0 | 1 / 2 x 21/39 W |
| MH300 | MH3A0 | 1 / 2 x 28/54 W |
| MH400 | MH4A0 | 1 / 2 x 35/49 W |

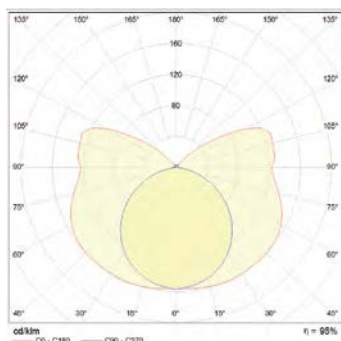
1.26

MODELO M IP42



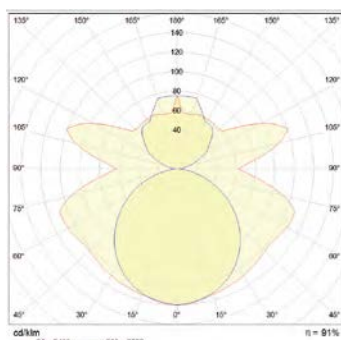
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| M0025 | 18 W | ■ | 624 |
| M0041 | 18 W | ● | 624 |
| M0026 | 36 W | ■ | 1.233 |
| M0042 | 36 W | ● | 1.233 |
| M0027 | 58 W | ■ | 1.534 |
| M0043 | 58 W | ● | 1.534 |

2 TUBOS FLUORESCENTE / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| M0028 | 18 W | ■ | 624 |
| M0044 | 18 W | ● | 624 |
| M0029 | 36 W | ■ | 1.233 |
| M0045 | 36 W | ● | 1.233 |
| M0030 | 58 W | ■ | 1.534 |
| M0046 | 58 W | ● | 1.534 |

■ Electrónica / Electronic / Électronique

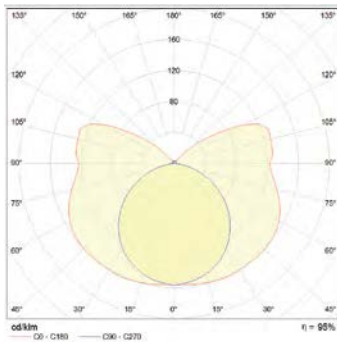
● Regulable / Dimmable / Gradable

IP65

CE

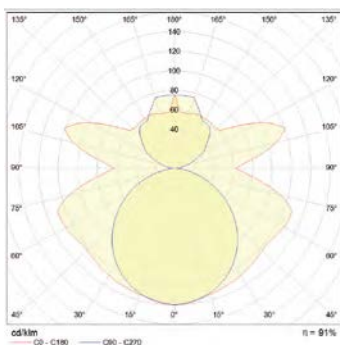
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

G5/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| M0604 | 14 W | ■ | 589 |
| M0619 | 14 W | ● | 589 |
| M0605 | 21 W | ■ | 889 |
| M0620 | 21 W | ● | 889 |
| M0603 | 28 W | ■ | 1.189 |
| M0621 | 28 W | ● | 1.189 |
| M0602 | 35 W | ■ | 1.489 |
| M0622 | 35 W | ● | 1.489 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| M0606 | 24 W | ■ | 589 |
| M0623 | 24 W | ● | 589 |
| M0607 | 39 W | ■ | 889 |
| M0624 | 39 W | ● | 889 |
| M0601 | 49 W | ■ | 1.489 |
| M0625 | 49 W | ● | 1.489 |
| M0608 | 54 W | ■ | 1.189 |
| M0626 | 54 W | ● | 1.189 |
| M0609 | 80 W | ■ | 1.489 |
| M0627 | 80 W | ● | 1.489 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| M0610 | 14 W | ■ | 589 |
| M0628 | 14 W | ● | 589 |
| M0611 | 21 W | ■ | 889 |
| M0629 | 21 W | ● | 889 |
| M0612 | 28 W | ■ | 1.189 |
| M0630 | 28 W | ● | 1.189 |
| M0613 | 35 W | ■ | 1.489 |
| M0631 | 35 W | ● | 1.489 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| M0614 | 24 W | ■ | 589 |
| M0632 | 24 W | ● | 589 |
| M0615 | 39 W | ■ | 889 |
| M0633 | 39 W | ● | 889 |
| M0616 | 49 W | ■ | 1.489 |
| M0634 | 49 W | ● | 1.489 |
| M0617 | 54 W | ■ | 1.189 |
| M0635 | 54 W | ● | 1.189 |





■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

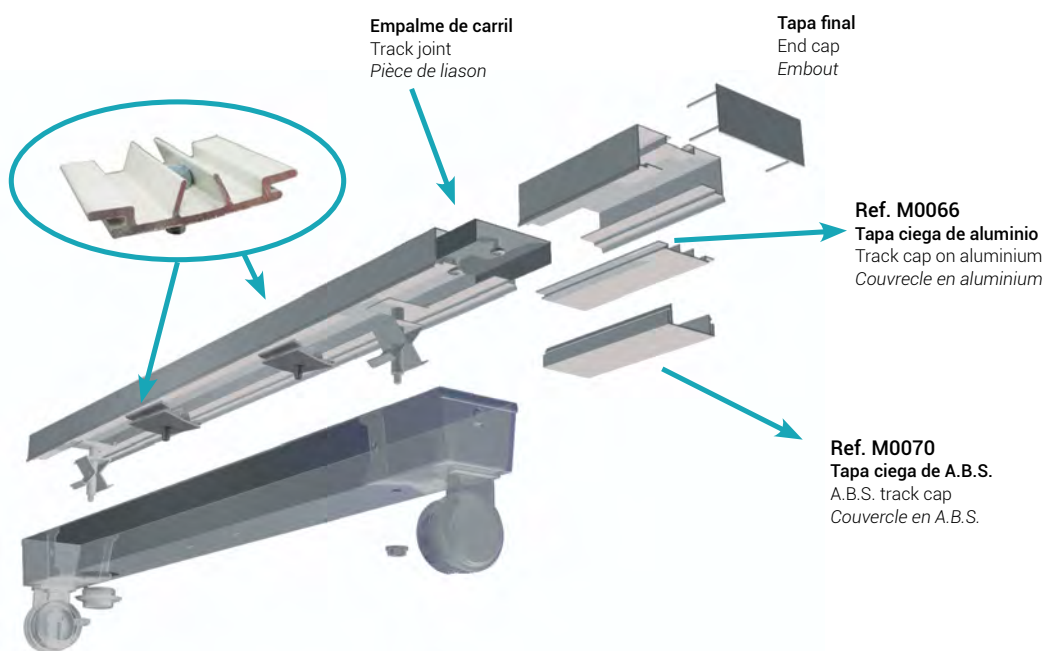
1.26

MODELO M

ACCESORIOS MODELO M / MODELO M ACCESORIES / ACCESSOIRES MODELO M

| Carril Track Rail | Perfil Profile Profile | Carril Track Rail 3070 (mm) 2 X 58 | Carril Track Rail 3700 (mm) 3 X 36 | Tapa final End cap Embout | Empalme Track joint Pièce de liaison |
|---|---|---|---|---------------------------------|--|
| | | Ref. | Ref. | Ref. | Ref. |
| CHAPA ACERO / LACQUERED STEEL / ACIER LAQUÉ 25 X 67,2 (mm) |  | M0059 | M0060 | M0034 | M0064 |
| ALUMINIO / ALUMINIUM / ALUMINIUM 22,5 X 64 (mm) |  | M0061 | M0062 | M0065 | M0064 |
| ALUMINIO / ALUMINIUM / ALUMINIUM 26,5 X 64 (mm) |  | M0084 | M0085 | M0081 | M0064 |
| ALUMINIO / ALUMINIUM / ALUMINIUM 41,5 X 64 (mm) |  | M0086 | M0087 | M0082 | M0083 |

Ref. M0063
Sujeción a carril
Fastener for track
Fixation au RAIL



Ref.

M0191

Fijación carril a perfil techo desmontable
Track fastener to removable ceiling profile
Fixation de carril au profil du plafond démontable



M0031

Adaptador aro estanco Ø38 mm
Watertight ring Ø38 mm
Bague porte-douille étanche Ø38 mm

Tubo policarbonato / Polycarbonate
tube / Tube de polycarbonate

| | (W) | 18 | 36 | 58 |
|----------|-------|-------|-------|----|
| Ø26 Ref. | TP018 | TP036 | TP058 | |
| Ø38 Ref. | TP020 | TP040 | TP065 | |



1. 27

CUADRO DE APLICACIONES / APPLICATIONS CHART / TABLE

| | Estancas Waterproof Étanches |
|--|---|
| Accesos de pública concurrencia Crowded public access <i>Accès publics à forte densité</i> | PEGASO, TR4, COMPACT, TR1, RESIT, RINOX |
| Aeropuertos / estaciones de tren, metro Airport / Railway station <i>Aéroports / stations de train, métro</i> | THUNDER, PEGASO, SILVER, ORION, MUSTANG, TR2, TR3, TR4, RESIST, TR1 |
| Aplicaciones que requieran un bloque autónomo de emergencia Applications that require an autonomous emergency block and that for aesthetics <i>Établissements où un éclairage de sécurité est obligatoire</i> | EMELUX LED |
| Estancias en litorales y zonas costeras Stays in coastlines and coastal areas <i>Zones de côte et du littoral</i> | THUNDER, SILVER, ORION, MUSTANG |
| Almacenes y áreas de carga y descarga Loading and unloading warehouses <i>Zones de chargement et déchargement</i> | THUNDER, SILVER, ORION, PISTON, MUSTANG |
| Aplicaciones navales Naval applications <i>Applications nautiques</i> | MUSTANG, TR2, RINOX, CHEMICAL, RESIST, TR1 |
| Hoteles Hotels <i>Hôtels</i> | PEGASO |
| Terrazas y espacios de ocio abiertos Terraces and leisure open spaces <i>Terrasses et espace loisirs</i> | EXCALIBUR, TR4 |
| Fachadas Facades <i>Façades</i> | EXCALIBUR, TR2, TR3, COMPACT, TR4, RESIST, RINOX |
| Mobiliario exterior Outdoor furniture <i>Mobilier extérieur</i> | EXCALIBUR |
| Garajes de edificios privados, comunidades de vecinos, cuartos de bomba Private building garages, neighborhoods, pump rooms <i>Garages privés, syndicat de propriétaires, Chambre pour les pompes</i> | PISTON, SUPRA |
| Grandes esculturas o monumentos históricos Great sculptures or historic monuments <i>Grandes sculptures où monuments historiques</i> | EXCALIBUR |
| Naves industriales y fábricas con producción en exterior Industrial warehouses and factories with exterior production <i>Industrie et emplacements de fabrication en extérieur</i> | THUNDER, SILVER, ORION, PISTON, MUSTANG, CHEMICAL, TR3, RINOX, RESIST, TR2 |
| Oficinas y aulas Offices and Classrooms <i>Bureaux et Salles de classe</i> | PEGASO, TR1 |

BLEAU D'APPLICATIONS



Luminaria personalizada tubular opal con módulos LED IP68-2 Meandro de Aranzadi, Pamplona, España

Custom tubular opal luminaire with LED modules IP68-2 Aranzadi Meander, Pamplona, Spain
Luminaire creation sur mesure de tubulaire opale avec des modules LED IP68-2 Méandre d'Aranzadi, Pampelune, Espagne

| | |
|--|--|
| Piscinas / SPA Swimming pools / SPA <i>Piscines / SPA</i> | THUNDER, SILVER, ORION, EXCALIBUR, MUSTANG, TR4, MODELO M, RESIST, COMPACT, RINOX |
| Puentes Bridges <i>Ponts</i> | EXCALIBUR, TR4, COMPACT |
| Zonas de especial riesgo de actos vandálicos Areas with special risk of vandal acts <i>Zones spécialement exposés au vandalisme</i> | MUSTANG |
| Zonas deportivas Sport areas <i>Terrains de sport</i> | THUNDER, PEGASO, SILVER, ORION, MUSTANG, TR3, TR1, RINOX, RESIST, TR4, TR2 |
| Areas de alta temperatura High temperature areas <i>Zones à haute température</i> | TR2, RINOX, RESIST |
| Areas de baja temperatura Low temperatures areas <i>Zones à basse température</i> | TR3, ORION |
| Túneles Tunnels <i>Tunnels</i> | TUNNEL LED, TUNNEL |
| Hospitales Hospitals <i>Hôpital</i> | CHEMICAL, RANGE |
| Invernaderos y granjas Greenhouses and farms <i>Serres et fermes</i> | FARM LED, FARM |



TR3

Residencia Estudiantes, Manresa, España. Luminaria TR3, por el arquitecto Xavier Tragant
Student housing, Manresa, Spain. TR3 luminaire, by Xavier Tragant architect
Foyer d' étudiants, Manresa, Espagne. TR3 luminaire, Xavier Tragant architecte



TR3

Residencia Estudiantes, Manresa, España. Luminaria TR3, por el arquitecto Xavier Tragant
Student housing, Manresa, Spain. TR3 luminaire, by Xavier Tragant architect
Foyer d'étudiants, Manresa, Espagne. TR3 luminaire, Xavier Tragant architecte





TR3
Pull&Bear



TR3

Arquitectos: Arenas Basabe Palacios arquitectos
Fotografía: Imagen Subliminal



TR3

Arquitectos: Arenas Basabe Palacios arquitectos
Fotografía: Imagen Subliminal



TR3 personalizada / TR3 custom made / TR3 creation sur mesure

Estadio de Fútbol Nuevo San Mamés, Bilbao, España

New San Mamés Football Stadium, Bilbao, Spain

Nouveau Stade de Football de San Mamés, Bilbao, Espagne








































































TR3 personalizada / TR3 custom made / TR3 creation sur mesure

Estadio de Fútbol Nuevo San Mamés, Bilbao, España

New San Mamés Football Stadium, Bilbao, Spain

Nouveau Stade de Football de San Mamés, Bilbao, Espagne

ATEX
EX/ ATEX

| | | | | |
|------|---|---|--|-------|
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2.1

PYROS LED



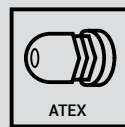
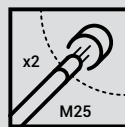
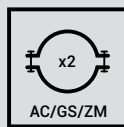
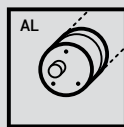
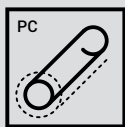
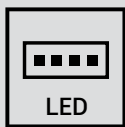
+ **Brida**
Clamp
Collier



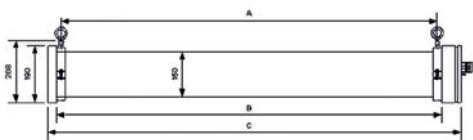
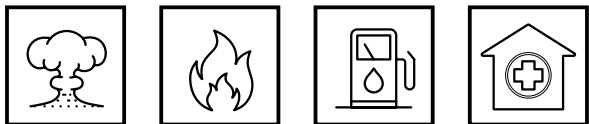
+ **Tapón EEx d**
Plug EEx d
Bouchon EEx d



+ **Prensaestopa EEx d**
Cablegland EEx d
Presse-étoupe EEx d





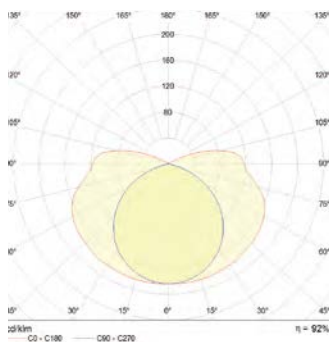
APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



| | | | | | | | |
|------------|-----------------------|-------------------|--|-------------------------------------|----------------------------|-------------------------|--|
| RG1 | MACADAM 3/4 | UGR <19 |  CR>80 | L70B50 > 50.000 | IP66 IK10 | CE EN 60598-1 | 94/9/CE  II2GD Ex d 2B+H2 T6 Gb Ex tb IIIC T85°Cb |
|------------|-----------------------|-------------------|--|-------------------------------------|----------------------------|-------------------------|--|



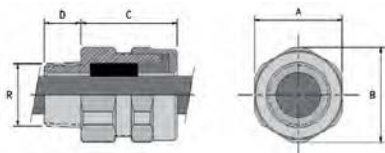
| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Ancho con brida Width with clamp Largeur avec fixations | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|--|-------------------------------------|-----------------------------|------------------------|--|------------------------------------|
| | | (W) | (Lm) | (°K) | (mm) | (mm) | (mm) | |
| PY113 | 600 | 14 | 2150 | 4000 | 748 | 150 | 208 | 1 |
| PY123 | 600 | 28 | 4300 | 4000 | 748 | 150 | 208 | 1 |
| PY213 | 1200 | 28 | 4300 | 4000 | 1357 | 150 | 208 | 1 |
| PY223 | 1200 | 55 | 8600 | 4000 | 1357 | 150 | 208 | 1 |
| PY313 | 1500 | 35 | 5370 | 4000 | 1659 | 150 | 208 | 1 |
| PY323 | 1500 | 70 | 10740 | 4000 | 1659 | 150 | 208 | 1 |

ACCESORIOS PYROS LED / PYROS LED ACCESORIES / ACCESSOIRES PYROS LED



PRENSAESTOPA CABLE ARMADO / ARMED CABLEGLAND EEX / PRESSE-ÉTOUPE ARMÉ EEX

| Ref. | Tamaño de rosca (R) Thread size Taille du filet (R) | | | | Dimensiones Dimensions Dimensions | | | | Ø Exterior Ø Overall Ø Extérieure | | Tipo Type Tipo |
|--------------|---|-------|---------|---|---|----|----|----|---|------|----------------------|
| | Métrica Metrics Métrique | PG. | NPT | Gas cónica Gas conic Gaz conique | A | B | C | D | Min. | Max. | |
| EX507 | M25x1,5 | 16 21 | 3/4" 1" | 3/4" 1" | 35 | 39 | 42 | 15 | 12 | 14 | a |



Ex II 2 GD EEx d IIC T6

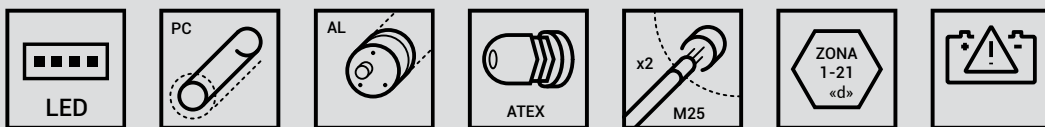
1-10
DALI

EMERGENCY
1h / 3h

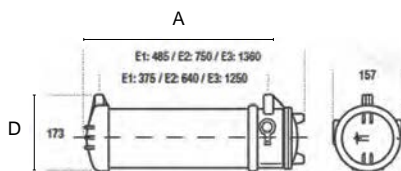
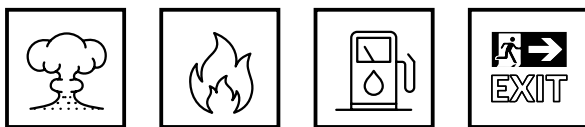


2.2

PYROS BLOCK LED



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG1

MACADAM

3/4

UGR
<19

CR > 80

L70B50
>
50.000

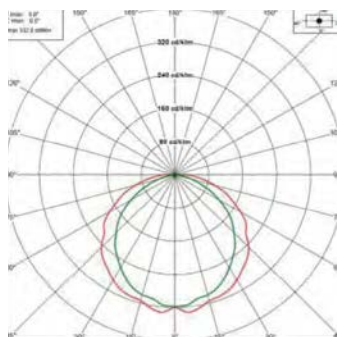
IP66
IK07

CE
EN 60598-1

2014/34/EU



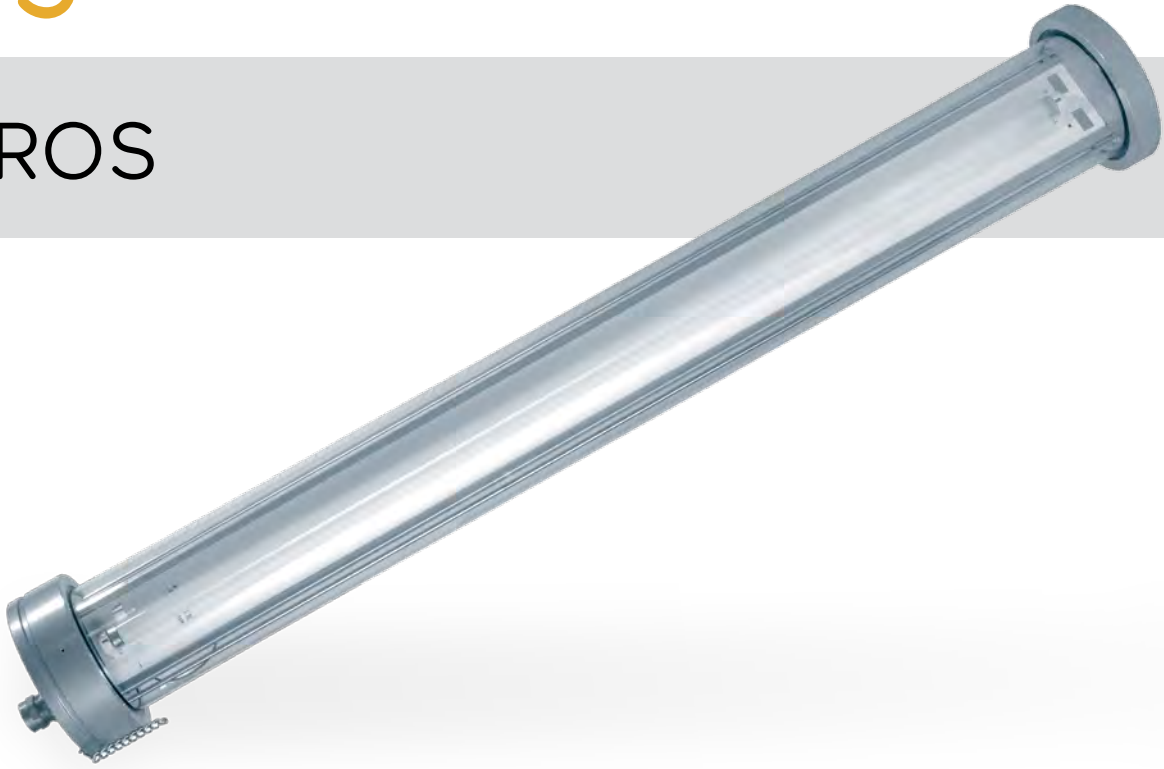
II 2GD Ex d IIB+H2
T6 Gb
Ex tb IIIC T85°C Db



| Ref. | Fuente de luz Light source Source de lumière | Autonomía Battery life Autonomie | Manteined Non Manteined | A | D | Embalaje Packaging Emballage |
|-------|--|--|----------------------------|------|------|------------------------------------|
| | (W) | | | (mm) | (mm) | |
| EXZ10 | 350 | 1H | NM | 485 | 173 | 1 |
| EXZ11 | 2100 / 750 | 1H | M / NM | 485 | 173 | 1 |
| EXZ12 | 750 | 1H | NM | 750 | 173 | 1 |
| EXZ13 | 4600 / 750 | 1H | M / NM | 750 | 173 | 1 |
| EXZ14 | 4600 / 750 | 1H | M / NM | 1360 | 173 | 1 |
| EXZ15 | 350 | 3H | NM | 485 | 173 | 1 |
| EXZ16 | 750 | 3H | NM | 485 | 173 | 1 |
| EXZ17 | 750 | 3H | NM | 1360 | 173 | 1 |
| EXZ18 | 4600 / 750 | 3H | M / NM | 750 | 173 | 1 |
| EXZ19 | 4600 / 750 | 3H | M / NM | 1360 | 173 | 1 |

2.3

PYROS



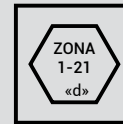
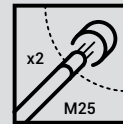
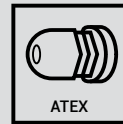
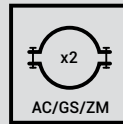
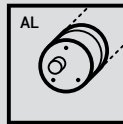
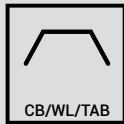
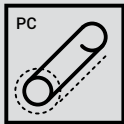
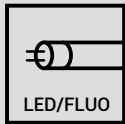
+ **Brida**
Clamp
Collier



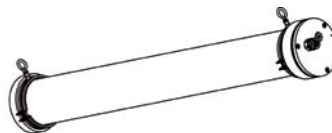
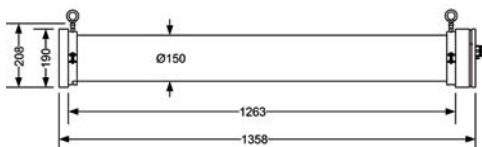
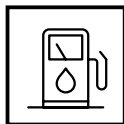
+ **Tapón EEx d**
Plug EEx d
Bouchon EEx d



+ **Prensaestopa EEx d**
Cablegland EEx d
Presse-étoupe EEx d



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IP66

IK10

CE

EN 60598-1

2014/34/EU

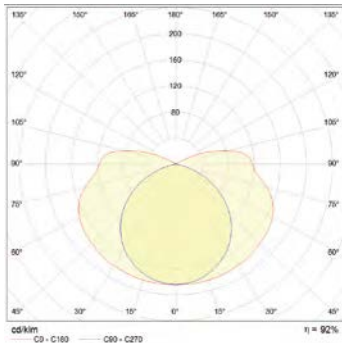


II2GD
Ex d IIB+ 2M t6 GB
Ex tb IIC T85°C Db



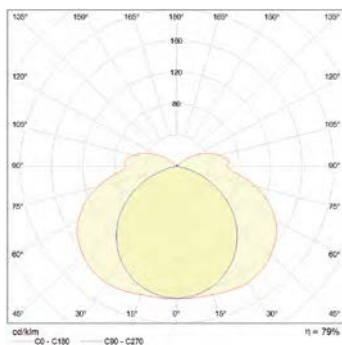
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G13/T8



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Lenght Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| EX005 | 18 | ■ | 748 |
| EX007 | 18 | ● | 748 |
| EX001 | 36 | ■ | 1.357 |
| EX003 | 36 | ● | 1.357 |
| EX009 | 58 | ■ | 1.659 |
| EX011 | 58 | ● | 1.659 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Lenght Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| EX006 | 18 W | ■ | 748 |
| EX008 | 18 W | ● | 748 |
| EX002 | 36 W | ■ | 1.357 |
| EX004 | 36 W | ● | 1.357 |
| EX010 | 58 W | ■ | 1.659 |
| EX012 | 58 W | ● | 1.659 |

2.3

PYROS

1 TUBO LED / 1 LED TUBE / 1 TUBE LED

G13/T8

| Ref. | Longitud tubo Tube length Longueur tube | Longitud luminaria Fitting length Longueur luminaire | Peso Weight Poids |
|--------|---|--|-------------------------|
| | (mm) | (mm) | (Kg) |
| EX005L | 600 | 748 | 9,7 |
| EX001L | 1.200 | 1.357 | 11,5 |
| EX009L | 1.500 | 1.659 | 12,3 |

2 TUBOS LED / 2 LED TUBES / 2 TUBES LED

G13/T8

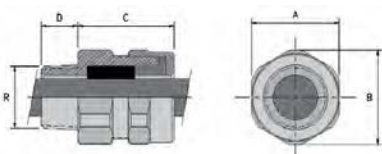
| Ref. | Longitud tubo Tube length Longueur tube | Longitud luminaria Fitting length Longueur luminaire | Peso Weight Poids |
|--------|---|--|-------------------------|
| | (mm) | (mm) | (Kg) |
| EX006L | 600 | 748 | 9,7 |
| EX002L | 1.200 | 1.357 | 11,5 |
| EX010L | 1.500 | 1.659 | 12,3 |

ACCESORIOS PYROS / PYROS ACCESORIES / ACCESSOIRES PYROS

PRENSAESTOPA CABLE ARMADO / ARMED CABLEGLAND EEX / PRESSE-ÉTOUPE ARMÉ EEX



| Ref. | Tamaño de rosca (R) Thread size Taille du filet (R) | | | | Dimensiones Dimensions Dimensions | | | | Ø Exterior Ø Overall Ø Extérieur | | |
|-------|---|-------|---------|---|---|----|----|----|--|------|----------------------|
| | Métrica Metrics Métrique | PG. | NPT | Gas cónica Gas conic Gaz conique | A | B | C | D | Min. | Max. | Tipo Type Tipo |
| EX507 | M25x1,5 | 16 21 | 3/4" 1" | 3/4" 1" | 35 | 39 | 42 | 15 | 12 | 14 | a |



Ex II 2 GD EEx d IIC T6

1-10
DALI

EMERGENCY
1h / 3h



IP66

IK10

CE

EN 60598-1

2014/34/EU

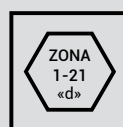
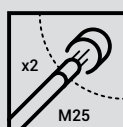
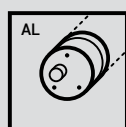
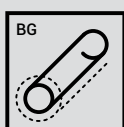
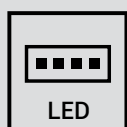


II2GD
Ex d IIB+ 2M 16 GB
Ex tb IIC T85°C Db

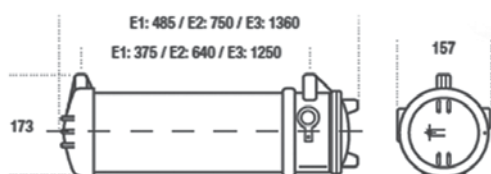
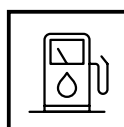


2.4

VITRA LED



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

RG1

MACADAM

3/4

UGR
<19

CR > 80

L70B50
>
50.000

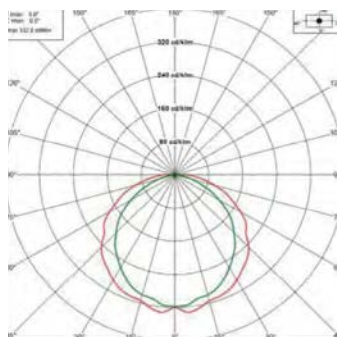
IP66
IK07

CE
EN 60598-1

2014/34/EU



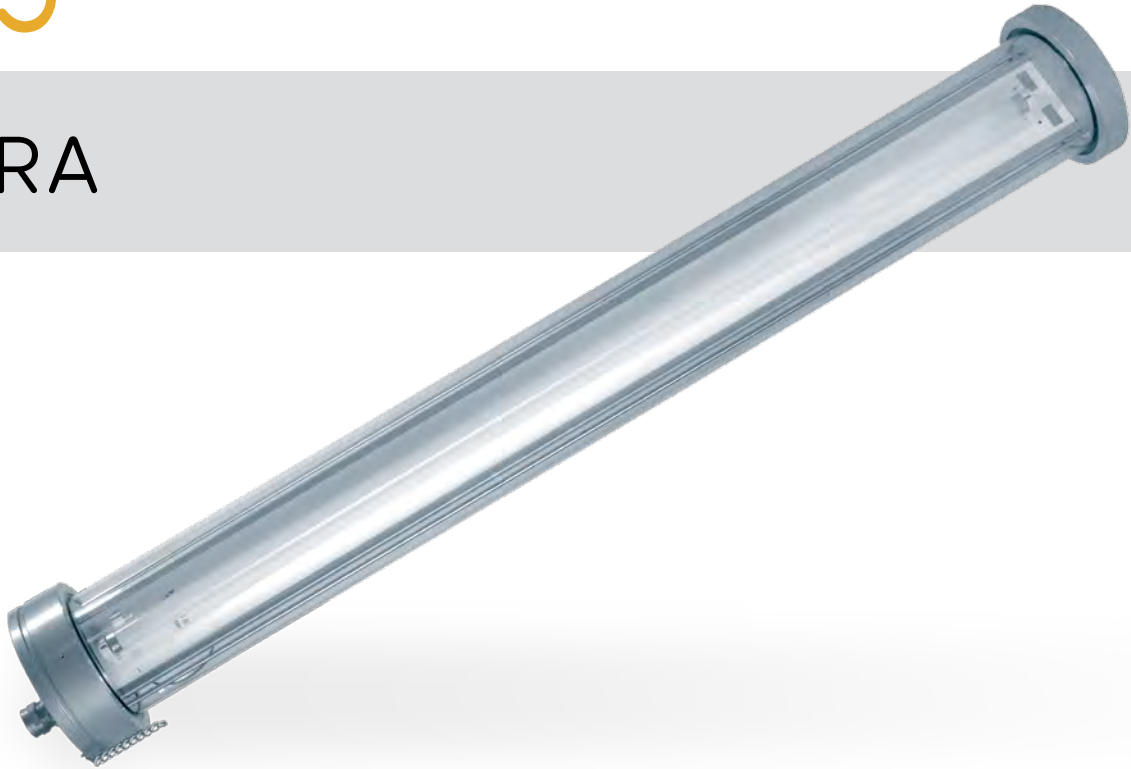
II 2GD Ex db IIC
T6 Gb / Ex tb IIIC
T85 Db.



| Ref. | Tamaño (W) | Emisión luminica | Largo (Kg) | Ancho (mm) | Embalaje Packaging Emballage |
|-------|---------------|---------------------|---------------|---------------|------------------------------------|
| EXZ05 | 485 | 1275 | 485 | 173 | 1 |
| EXZ06 | 485 | 2400 | 750 | 173 | 1 |
| EXZ07 | 750 | 2550 | 750 | 173 | 1 |
| EXZ08 | 750 | 4800 | 750 | 173 | 1 |
| EXZ09 | 1360 | 4800 | 1360 | 173 | 1 |
| EXZ12 | 1360 | 5500 | 1360 | 173 | 1 |

2.5

VITRA



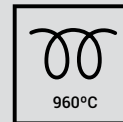
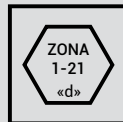
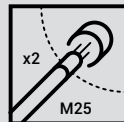
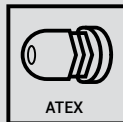
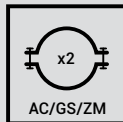
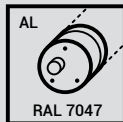
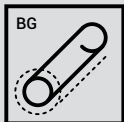
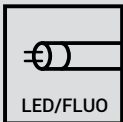
+ **Brida**
Clamp
Collier



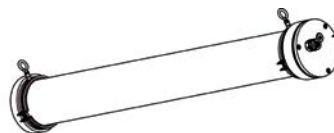
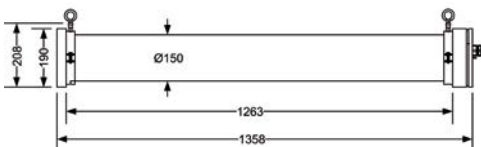
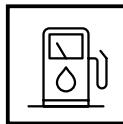
+ **Tapón EEx d**
Plug EEx d
Bouchon EEx d



+ **Prensaestopa EEx d**
Cablegland EEx d
Presse-étoupe EEx d



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP66

IK07

CE

EN 60598-1

94/9/CE

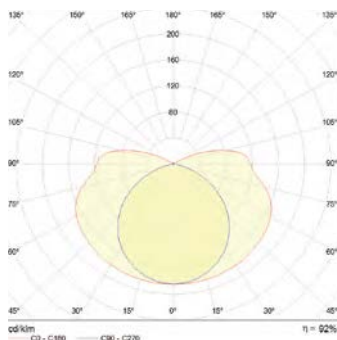


II2GD
Ex d IIB+ 2M t6 GB
Ex tb IIC T85°C Db



1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G13/T8

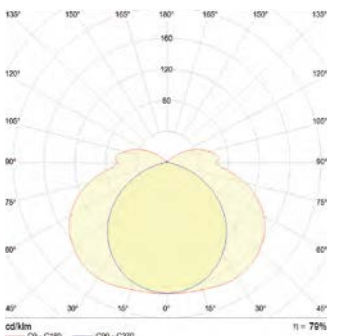


1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Lenght Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| EX201 | 18 | ■ | 748 |
| EX202 | 18 | ● | 748 |
| EX203 | 36 | ■ | 1.357 |
| EX204 | 36 | ● | 1.357 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES

G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Lenght Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| EX205 | 18 | ■ | 748 |
| EX206 | 18 | ● | 748 |
| EX207 | 36 | ■ | 1.357 |
| EX208 | 36 | ● | 1.357 |

■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

1 TUBO LED / 1 LED TUBE / 1 TUBE LED

| Ref. | Longitud tubo Tube lenght Longueur tube | Longitud luminaria Fitting lenght Longueur luminaire | Peso Weight Poids |
|--------|---|--|-------------------------|
| | (mm) | (mm) | (Kg) |
| EX201L | 600 | 748 | 9,7 |
| EX203L | 1.200 | 1.357 | 11,5 |

2.5

VITRA

2 TUBOS LED / 2 LED TUBES / 2 TUBES LED

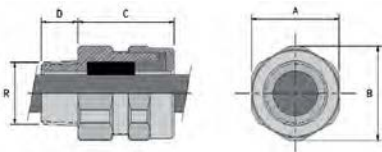
| Ref. | Longitud tubo | Longitud luminaria | Peso |
|--------|---------------|---------------------|--------|
| | Tube length | Fitting length | Weight |
| | Longueur tube | Longueur lumineaire | Poids |
| | (mm) | (mm) | (Kg) |
| EX205L | 600 | 748 | 9,7 |
| EX207L | 1.200 | 1.357 | 11,5 |

ACCESORIOS VITRA / VITRA ACCESORIES / ACCESSOIRES VITRA



PRENSAESTOPA CABLE ARMADO / ARMED CABLEGLAND EEX / PRESSE-ÉTOUPE ARMÉ EEX

| Ref. | Tamaño de rosca (R) | | | Gas cónica | Dimensiones | | | | Ø Exterior | | |
|-------|---------------------|-------|---------|-------------|-------------|----|----|----|------------|------|------|
| | Thread size | | | | Dimensions | | | | Ø Overall | | |
| | Métrica | PG. | NPT | Gas cónica | A | B | C | D | Min. | Max. | Tipo |
| | Metrics | | | Gaz | | | | | | | Type |
| | Métrique | | | Gaz conique | | | | | | | Typo |
| EX507 | M25x1,5 | 16 21 | 3/4" 1" | 3/4" 1" | 35 | 39 | 42 | 15 | 12 | 14 | a |



Ex II 2 GD EEx d IIC T6

1-10
DALI

EMERGENCY
1h / 3h



| | |
|-----------|------|
| DIESEL | 1.12 |
| GASOLEO A | 1.12 |
| DIESEL | 1.12 |
| PREMIER | 1.12 |
| GASOLINA | 1.22 |
| 95 | 1.22 |
| GASOLINA | 1.32 |
| 98 | 1.32 |
| GASOLEO B | 0.82 |

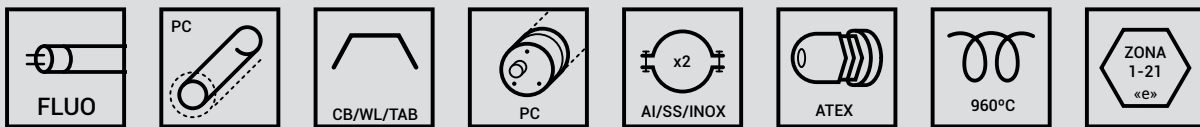
SOMAFHC
24h

2.6

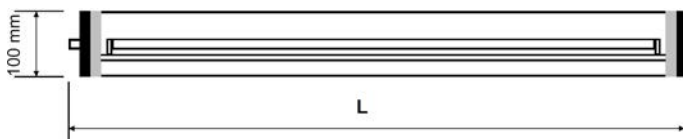
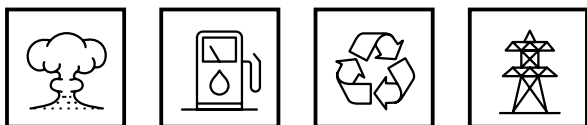
FLAME



+ Brida
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP68-2

IK10

CE

EN 60598-1

94/9/CE

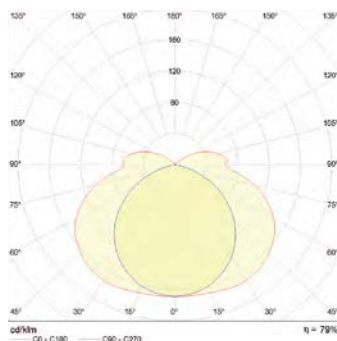


II 2GD
Ex e mb IIC T4 Gb
Ex tb IIC T85°C Db
(T95°C para 58W)



1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G13/T8

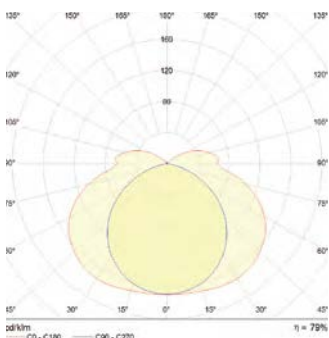


1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

| Ref. | Potencia Watts Puissance (w) | Equipo Equipment Ballast | Largo Lenght Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| EX301 | 18 | ■ | 775 |
| EX302 | 36 | ■ | 1.385 |
| EX303 | 58 | ■ | 1.685 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES

G13/T8

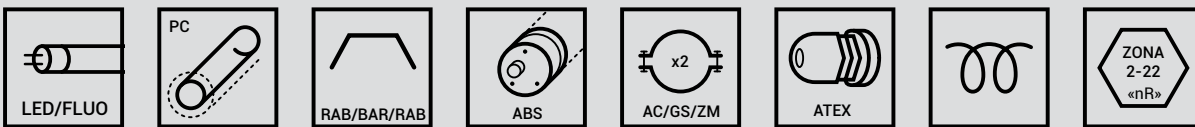


| Ref. | Potencia Watts Puissance (w) | Equipo Equipment Ballast | Largo Lenght Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| EX304 | 18 | ■ | 775 |
| EX305 | 36 | ■ | 1.385 |
| EX306 | 58 | ■ | 1.685 |

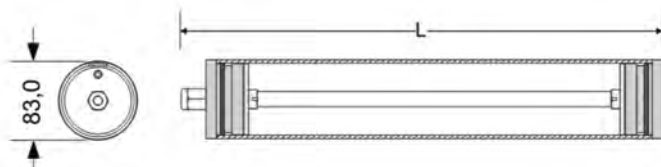
■ Electrónica / Electronic / Électronique

2.7

LED SECURE



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG1

MACADAM

3/4

UGR
<19

CR > 80

L70B50
>
50.000

IP68-2
IK10

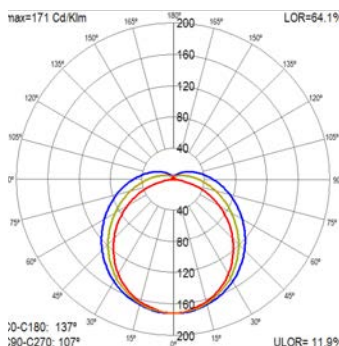
CE

EN 60598-1

94/9/CE



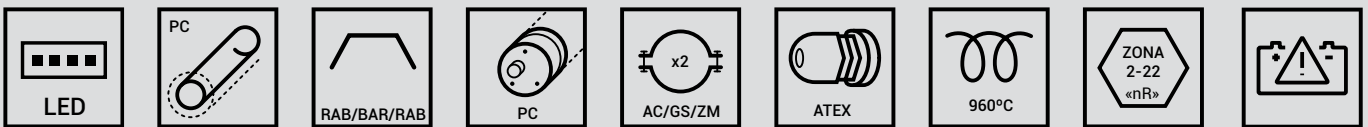
II 3GD
Ex nR II C T6 Gc
Ex t IIIC T85°C Dc



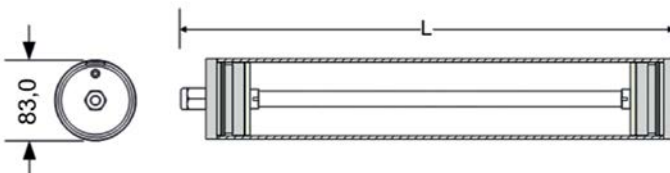
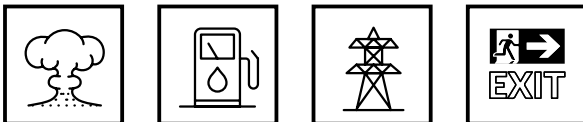
| Ref. | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Ancho con brida Width with clamp Largeur avec fixations | Embalaje Packaging Emballage |
|-------|--------------------------------|---|---|-------------------------------------|-----------------------------|------------------------|--|------------------------------------|
| | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | (mm) | |
| LS113 | 13 | 1490 | 997 | 3000 | 727 | 83 | 133 | 1 |
| LS114 | 13 | 1550 | 1037 | 4000 | 727 | 83 | 133 | 1 |
| LS123 | 16 | 2560 | 1712 | 3000 | 727 | 83 | 133 | 1 |
| LS124 | 16 | 2670 | 1786 | 4000 | 727 | 83 | 133 | 1 |
| LS213 | 24 | 2980 | 1993 | 3000 | 1337 | 83 | 133 | 1 |
| LS214 | 24 | 3200 | 2140 | 4000 | 1337 | 83 | 133 | 1 |
| LS223 | 32 | 5120 | 3424 | 3000 | 1337 | 83 | 133 | 1 |
| LS224 | 32 | 5340 | 3571 | 4000 | 1337 | 83 | 133 | 1 |
| LS313 | 29 | 3720 | 2488 | 3000 | 1637 | 83 | 133 | 1 |
| LS314 | 29 | 4000 | 2675 | 4000 | 1637 | 83 | 133 | 1 |
| LS323 | 40 | 6310 | 4220 | 3000 | 1637 | 83 | 133 | 1 |
| LS324 | 40 | 6700 | 4481 | 4000 | 1637 | 83 | 133 | 1 |

2.8

SECURE BLOCK



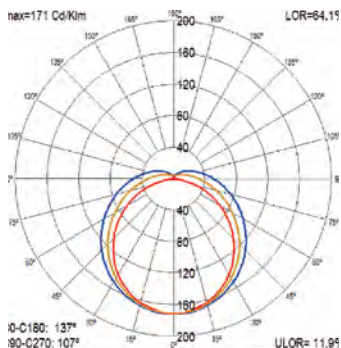
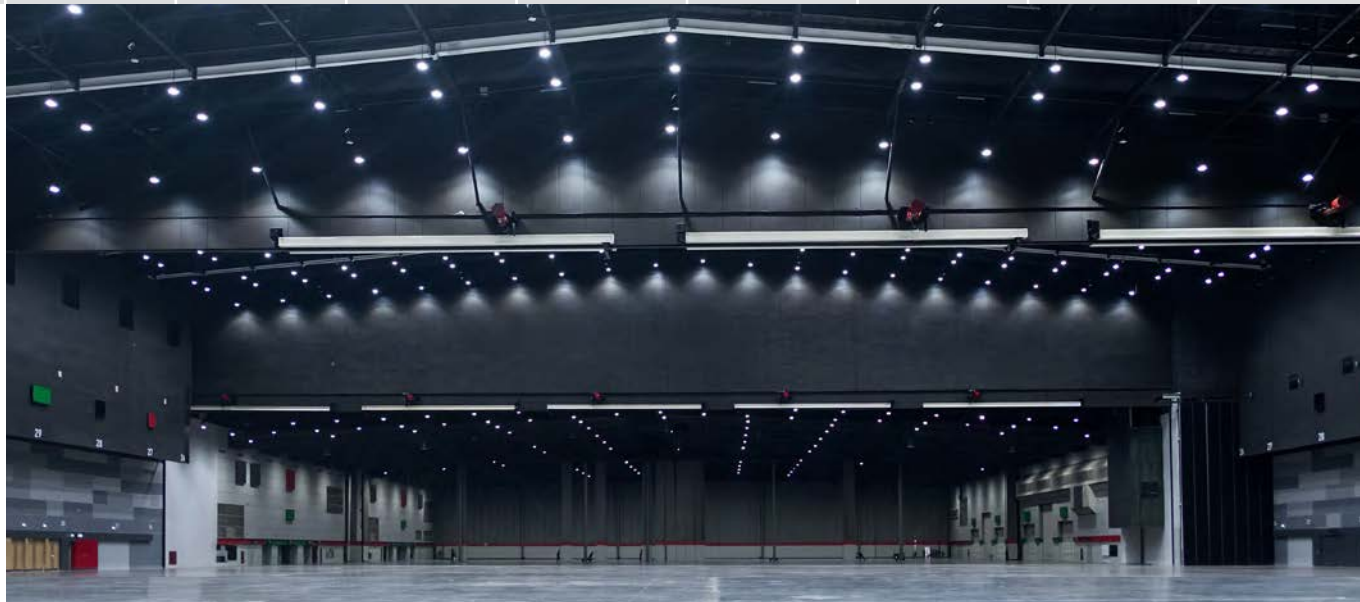
APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



| | | | | | | | |
|-----|----------------|------------|-----------------------|--------|------|------------------|---|
| RG1 | MACADAM 3/4 | UGR <19 | L70B50 > 50.000 | IP68-2 | IK10 | CE EN 60598-1 | 2014/34/EU Ex II Ex II 3GD Ex nR IIC T6 Gc Zone 22: Ex t IIIC T85 °C Dc. |
|-----|----------------|------------|-----------------------|--------|------|------------------|---|



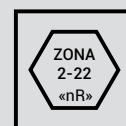
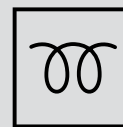
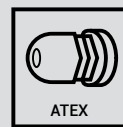
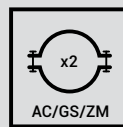
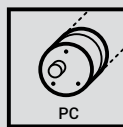
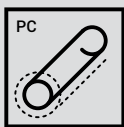
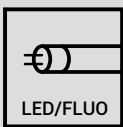
| Ref. | Emisión Output Flux | Vida autónoma Autonomy Autonomie | Tª color Tª colour Tª couleur (K°) | L (mm) | D (mm) | Embalaje Packaging Emballage (uds) |
|-------|---------------------------|---|---|-----------|-----------|---|
| EXSE1 | 100 lm | 3 hrs | 5500 | 415 | 81 | 1 |
| EXSB2 | 200 lm | 90 min | 5500 | 415 | 81 | 1 |
| EXSB3 | 300 lm | 60 min | 5500 | 415 | 81 | 1 |

2.9

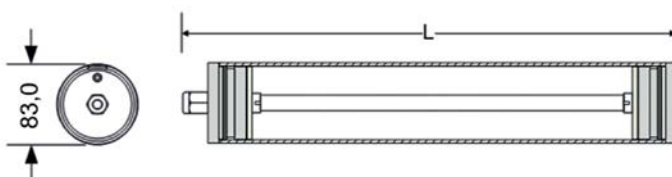
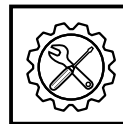
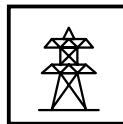
SECURE



Brida
Clamp
Collier



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IP68-2

IK10

CE

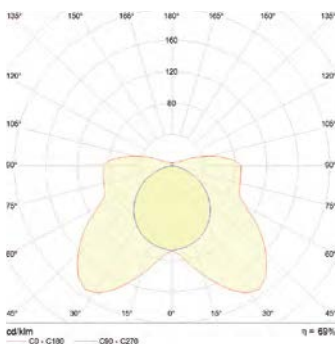
EN 60598-1

94/9/CE


 II 3GD
 Ex nR II C T6 Gc
 Ex t IIIC T85°C Dc


1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G13/T8

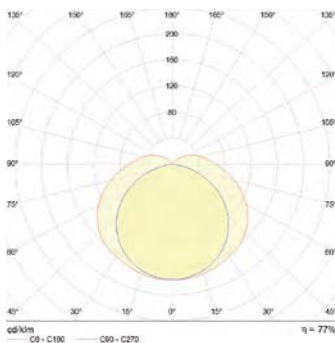


1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Lenght Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| EX601 | 18 | ■ | 709 |
| EX602 | 36 | ■ | 1.319 |
| EX603 | 58 | ■ | 1.624 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES

G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Lenght Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| EX612 | 18 | ■ | 709 |
| EX613 | 36 | ■ | 1.319 |
| EX614 | 58 | ■ | 1.624 |

■ Electrónica / Electronic / Électronique

2.9

SECURE

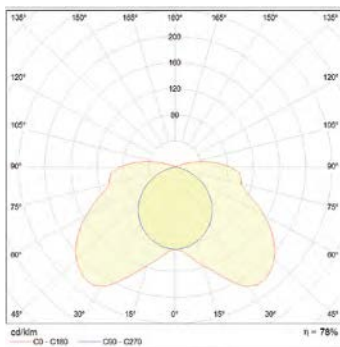


Brida
Clamp
Collier



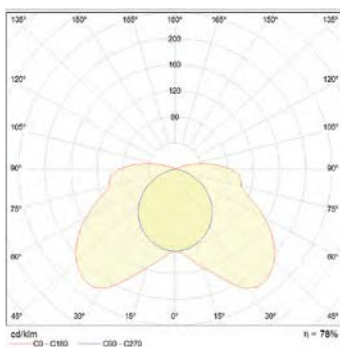
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G5/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| EX604 | 14 W | ■ | 671 |
| EX605 | 21 W | ■ | 966 |
| EX606 | 28 W | ■ | 1.272 |
| EX607 | 35 W | ■ | 1.574 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| EX608 | 24 W | ■ | 671 |
| EX609 | 39 W | ■ | 966 |
| EX610 | 49 W | ■ | 1.272 |
| EX611 | 54 W | ■ | 1.574 |



2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| EX615 | 14 W | ■ | 671 |
| EX616 | 21 W | ■ | 966 |
| EX617 | 28 W | ■ | 1.272 |
| EX618 | 35 W | ■ | 1.574 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| EX619 | 24 | ■ | 671 |
| EX620 | 39 | ■ | 966 |
| EX621 | 49 | ■ | 1.272 |
| EX622 | 54 | ■ | 1.574 |

■ Electrónica / Electronic / Électronique



| | | | | | | | |
|-----|----------------|------------|--|-----------------------|----------------|------------------|---|
| RG1 | MACADAM 3/4 | UGR <19 |  CR>80 | L70B50 > 50.000 | IP68-2 IK10 | CE EN 60598-1 | 94/9/CE  II 2GD Ex e mb IIC T4 Gb Ex tb IIC T85°C Db (T95°C para 58W) |
|-----|----------------|------------|--|-----------------------|----------------|------------------|---|



1 TUBO LED / 1 LED TUBE / 1 TUBE LED

G13/T8

| Ref. | Longitud tubo | Longitud luminaria |
|--------|------------------------------|---------------------------------------|
| | Tube lenght Longueur tube | Fitting lenght Longueur lumineaire |
| | (mm) | (mm) |
| EX601L | 600 | 748 |
| EX602L | 1.200 | 1.357 |
| EX603L | 1.500 | 1.659 |

2 TUBOS LED / 2 LED TUBES / 2 TUBES LED

G13/T8

| Ref. | Longitud tubo | Longitud luminaria |
|--------|------------------------------|---------------------------------------|
| | Tube lenght Longueur tube | Fitting lenght Longueur lumineaire |
| | (mm) | (mm) |
| EX612L | 600 | 748 |
| EX613L | 1.200 | 1.357 |
| EX614L | 1.500 | 1.659 |



IT - DE

ACCESORIOS SECURE/ SECURE
ACCESORIES / ACCESSOIRES
SECURE

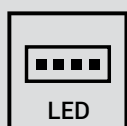


Ref. EX623

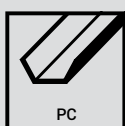
Bridas en plástico antiestático (2 uds.)
Antistatic plastic clamps (2 units)
Colliers en plastique antistatique (2 uts.)

2.10

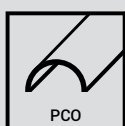
WATEX



LED



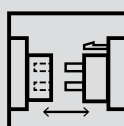
PC



PCO

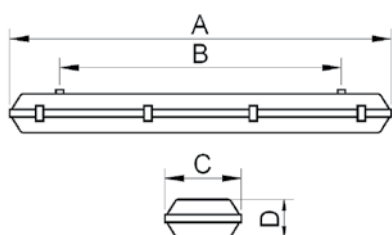
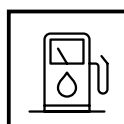
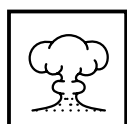


RAB/BAR/RAB



ZONA
2-22
«nR»

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP66

IK07

CE

EN 60598-1

94/9/CE

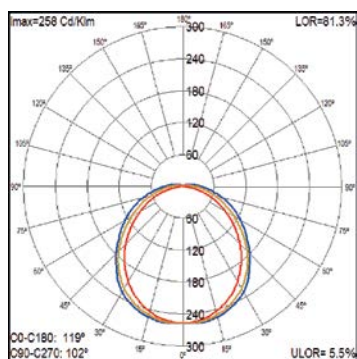


Zona 2: II 3GD Ex
nR IIC T5 Gc
Zona 22: Ex t IIC
T100 °C Dc.



1 MODULO LED / 1 LED MODULE / MODULE LED

G13/T8



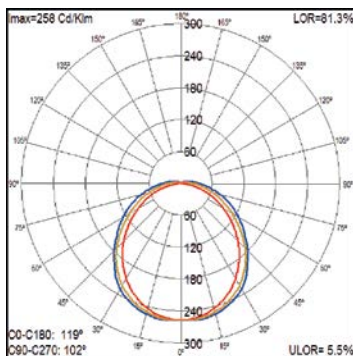
| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | A | B | C | D |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|------|------|------|-----|
| | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | (mm) | |
| EW113 | 600 | 13 | 1490 | 1210 | 3000 | 664 | 260 | 100 | 110 |
| EW114 | 600 | 13 | 1550 | 1259 | 4000 | 664 | 260 | 100 | 110 |
| EW123 | 600 | 16 | 2560 | 2079 | 3000 | 664 | 260 | 100 | 110 |
| EW124 | 600 | 16 | 2670 | 2168 | 4000 | 664 | 260 | 100 | 110 |
| EW213 | 1200 | 24 | 2980 | 2420 | 3000 | 1274 | 870 | 100 | 110 |
| EW214 | 1200 | 24 | 3200 | 2598 | 4000 | 1274 | 870 | 100 | 110 |
| EW223 | 1200 | 32 | 5120 | 4157 | 3000 | 1274 | 870 | 100 | 110 |
| EW224 | 1200 | 32 | 5340 | 4336 | 4000 | 1274 | 870 | 100 | 110 |
| EW313 | 1500 | 29 | 3720 | 3021 | 3000 | 1575 | 650 | 100 | 110 |
| EW314 | 1500 | 29 | 4000 | 3248 | 4000 | 1575 | 650 | 100 | 110 |
| EW323 | 1500 | 40 | 6310 | 5124 | 3000 | 1575 | 650 | 100 | 110 |
| EW324 | 1500 | 40 | 6700 | 5440 | 4000 | 1575 | 650 | 100 | 110 |

2.10

WATEX

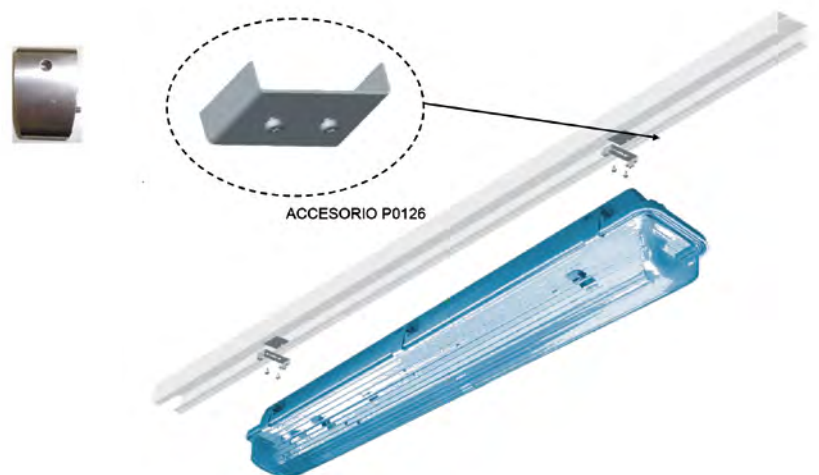
2 MODULOS LED / 2 LED MODULES / 2 MODULES LED

G13/T8



| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | A | B | C | D |
|-------|-----------------------------|--------------------------------|---|--|-------------------------------------|------|-----|-----|-----|
| | | | (W) | (Lm) | (Lm) | | | | |
| EY113 | 600 | 24 | 2980 | 2420 | 3000 | 664 | 260 | 160 | 110 |
| EY114 | 600 | 24 | 3200 | 2598 | 4000 | 664 | 260 | 160 | 110 |
| EY123 | 600 | 32 | 5120 | 4157 | 3000 | 664 | 260 | 160 | 110 |
| EY124 | 600 | 32 | 5340 | 4336 | 4000 | 664 | 260 | 160 | 110 |
| EY213 | 1200 | 48 | 5960 | 4840 | 3000 | 1274 | 870 | 160 | 110 |
| EY214 | 1200 | 48 | 6400 | 5197 | 4000 | 1274 | 870 | 160 | 110 |
| EY223 | 1200 | 64 | 10240 | 8315 | 3000 | 1274 | 870 | 160 | 110 |
| EY224 | 1200 | 64 | 10680 | 8672 | 4000 | 1274 | 870 | 160 | 110 |
| EY313 | 1500 | 58 | 7440 | 6041 | 3000 | 1575 | 650 | 160 | 110 |
| EY314 | 1500 | 58 | 8000 | 6496 | 4000 | 1575 | 650 | 160 | 110 |
| EW323 | 1500 | 80 | 12620 | 10247 | 3000 | 1575 | 650 | 160 | 110 |
| EW324 | 1500 | 80 | 13400 | 10881 | 4000 | 1575 | 650 | 160 | 110 |

ACCESORIOS WATEX / WATEX ACCESSORIES / ACCESSOIRES WATEX



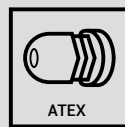
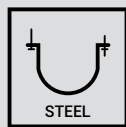
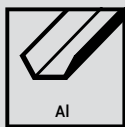
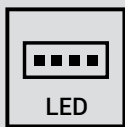
1-10
DALI

EMERGENCY
1h / 3h

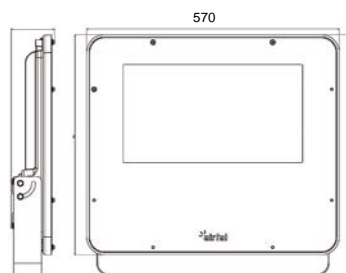
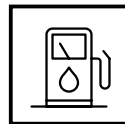


2.11

PROYECTOR ATEX LED MAX



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IP66

IK07

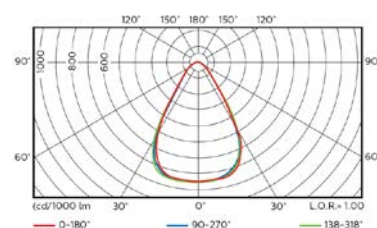
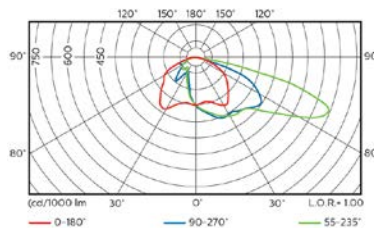
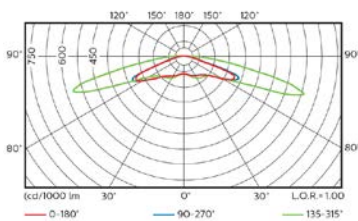
CE

EN 60598-1

2014/34/EU


 II 3GD Ex nR IIc
 T5 Gc
 Ex tc IIIC 100°C Dc


| Ref. | Nº De Módulos | Potencia | Equiv HM | Emisión bruta | Tª color | Tamaño | Ancho | Embalaje |
|-------|---------------|--------------------|----------------------|-----------------------------------|-------------------------|-------------------|---------------|------------------------|
| | | Power Puissance | Equiv MH Equiv HM | Gross output Flux de la source | Tª colour Tª couleur | Size Dimension | Wide Large | Packaging Emballage |
| | | (W) | (W) | | | | | |
| PA104 | 2 | 48 | 70 | 6700 | 4000 | 570 x 496 | 98 | 1 |
| PA204 | 4 | 97 | 150 | 13400 | 4000 | 570 x 496 | 98 | 1 |
| PA304 | 6 | 146 | 250 | 20100 | 4000 | 570 x 496 | 98 | 1 |
| PA404 | 8 | 194 | 400 | 26800 | 4000 | 570 x 496 | 98 | 1 |

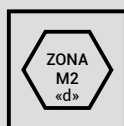
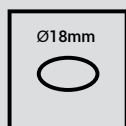
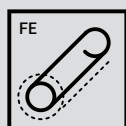


ACCESORIOS PROYECTOR ATEX LED MAX / PROYECTOR ATEX LED MAX ACCESORIES / ACCESSOIRES PROYECTOR ATEX LED MAX

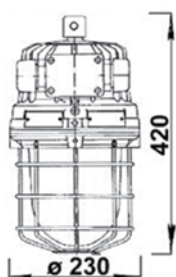
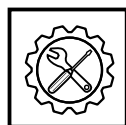
| | |
|--------------|----------------------|
| 1-10 DALI | EMERGENCY 1h / 3h |
|--------------|----------------------|

2.12

MINEX



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP65

IK08

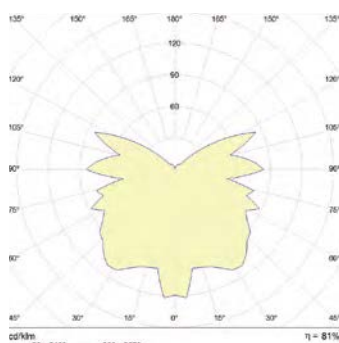
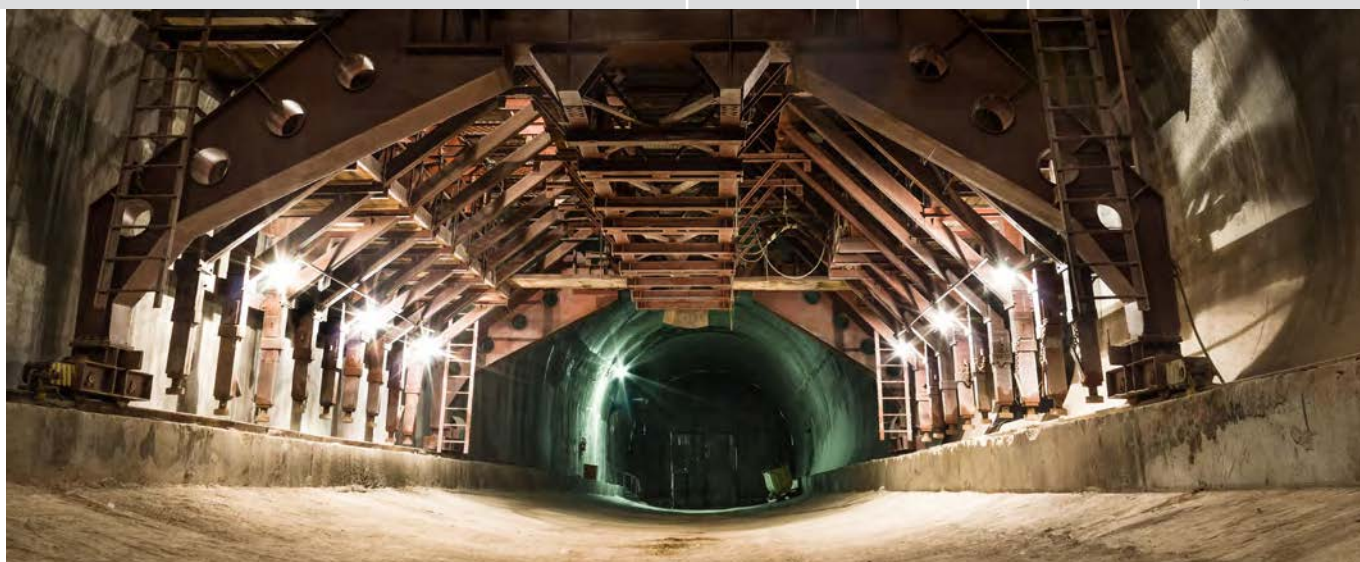
CE

EN 60598-1

94/9/CE



I M2 Ex d I II 2GD
Ex d tD A IIB T4-
T6; II 2D Ex t IIIC
T Db



| Ref. | Fuente de luz Light source Type de source | Clase temperatura Temperature classe Classe de température | Peso Weight Poids (Kg) |
|-------|--|---|---------------------------------|
| EX101 | Incandescent 200 W E27 | T4 | 18 |
| | Incandescent 150 W E27 | T5 | |
| | Incandescent 60-100 W E27 | T6 | |
| | Compact 23 W E27 | T6 | |
| | Luz mezcla / Mixed-light / Lampe mixte 160 W E27 | T5 | |
| | Incandescent 100 W E27 | T5 | |
| EX102 | V. de Sodio / Sodium 50 W E27 | T4 | 19 |
| EX103 | V. de Sodio / Sodium 110 W E27 | T4 | 19 |
| EX105 | Compact TC-D (G24d-3) | T6 | 19,5 |

ACCESORIOS MINEX/ MINEX ACCESORIES / ACCESSOIRES MINEX

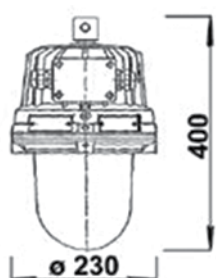
| Ref. | |
|-------|--|
| EX106 | Rejilla protección sobre vidrio / Protective guard / Grille de protection pour le verre |
| EX107 | Vidrio de repuesto / Flange with glass / Verre de remplacement |
| EX108 | Campana reflectora / Lampshare / Réflecteur |
| EX109 | Sujeción a techo / Holder for immovable fixing to ceiling / Fixation au plafond |
| EX110 | Tapón ciego / Antivandalic polycarbonate / Embout |
| EX111 | Filtro rojo / Optical red insert / Filtre rouge |
| EX113 | Filtro verde / Optical green insert / Filtre vert |
| EX114 | Vidrio con reflector (maximo 60 W) / Optical clear with refractor for signalling purposes / Verre avec réflecteur (maximum 60 W) |
| EX115 | Brida prensaestopas para cables Ø 16-20 mm / Flange cable grand / Presse-étoupe pour câbles de Ø 16-20 mm. |

2.13

LUMEX



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP65

CE

EN 60598-1

94/9/CE



II 2GD Ex de tD IIC
T3-T6.



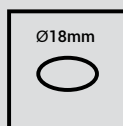
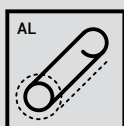
| Ref. | Fuente de luz Light source Type de source | Clase temperatura Temperature classe Classe de température | Peso Weight Poids (Kg) |
|-------|--|--|---------------------------------|
| EX116 | Incandescent 200 W E27 | T4 | 8 |
| | Incandescent 150 W E27 | T4 | |
| | Incandescent 60-100 W E27 | T5 | |
| | Luz mezcla / Mixed-light / Lampe mixte 160 W E27 | T4 | |
| EX117 | V. de Sodio / Sodium 50 W E27 | T4 | 8 |
| EX118 | V. de Sodio / Sodium 110 W E27 | T3 | 9 |
| EX119 | Compact TC-D (G24d-3) | T6 | 9 |

ACCESORIOS LUMEX/ LUMEX ACCESORIES / ACCESSOIRES LUMEX

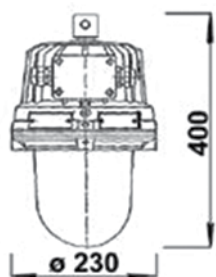
| Ref. | |
|-------|--|
| EX106 | Rejilla protección sobre vidrio / Protective guard / Grille de protection pour le verre |
| EX120 | Vidrio de repuesto / Flange with glass / Verre de remplacement |
| EX108 | Campana reflectora / Lampshare / Réflecteur |
| EX109 | Sujeción a techo / Holder for immovable fixing to ceiling / Fixation au plafond |
| EX121 | Tapón ciego / Antivandalic polycarbonate / Embout |
| EX122 | Tapón roscado / Blinding screw / Embout fileté |
| EX111 | Filtro rojo / Optical red insert / Filtre rouge |
| EX113 | Filtro verde / Optical green insert / Filtre vert |
| EX114 | Vidrio con reflector (maximo 60 W) / Optical clear with refractor for signalling purposes / Verre avec réflecteur (maximum 60 W) |
| EX115 | Brida prensaestopas para cables Ø 16-20 mm / Flange cable grand / Presse-étoupe pour câbles de Ø 16-20 mm. |

2.14

TAURUS



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP65

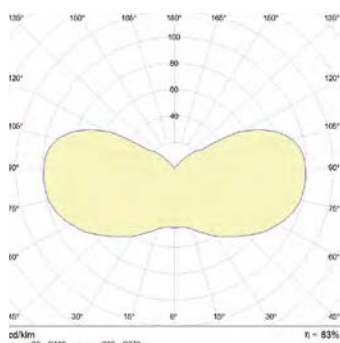
CE

94/9/CE



EN 60598-1

II 2GD
Ex de tD IIC T2-T6



| Ref. | Fuente de luz Light source Type de source | Clase temperatura Temperature classe Classe de température | Peso Weight Poids (Kg) |
|-------|---|--|---------------------------------|
| EX131 | V. de Sodio / Sodium 210 W E40 | T4 | 26 |
| EX132 | V. de Sodio / Sodium 350 W E40 | T2 | 27 |
| EX133 | H. Metalicos / Metal Halide 250 W E40 | T3 | 26 |
| | V. de Sodio / Sodium 250 W E40 | T3 | 26 |
| EX134 | V. de Sodio / Sodium 400 W E40 | T2 | 27 |
| EX135 | H. Metalicos / Metal Halide 400 W E40 | T2 | 27 |
| EX136 | H. Metalicos / Metal Halide 150 W E40 | T5 | 25 |
| | V. de Sodio / Sodium 150 W E40 | T5 | 25 |


ACCESORIOS LUMEX/ LUMEX ACCESORIES / ACCESSOIRES LUMEX



| Ref. | |
|-------|---|
| EX137 | Rejilla protección sobre vidrio / Protective guard / Grille de protection pour le verre |
| EX138 | Vidrio de puesto / Flange with glass / Verre de remplacement |
| EX139 | Campana reflectora / Lampshare / Réflecteur |
| EX121 | Tapón ciego / Antivandalic polycarbonate / Embout |
| EX122 | Tapón roscado / Blinding screw / Embout fileté |
| EX140 | Llave de apertura de luminaria / Wrench M 205 x 2 type / Clé d'ouverture du luminaire |

2.15

MARCADO ATEX / EX MARKINGS / MARQUAGE ATEX

| | | | | | | |
|---|--|-----------|---|---|---|--|
|  | Categoría de aparatos Fixture category <i>Catégorie des appareils</i> | Ex | Modo de protección Protection mode <i>Mode de protection</i> d | Grupo de gases Gases group <i>Groupe de gaz</i> IIC | Clase de temperatura Temperature class <i>Classe de température</i> T6 | Protección gases Gases protection <i>Protection aux gaz</i> Gb |
| | II 2 GD | Ex | Modo de protección Protection mode <i>Mode de protection</i> t | Grupo de polvos Dusts group <i>Groupe de poussières</i> IIIC | Clase de temperatura Temperature class <i>Classe de température</i> T85° C | Protección polvo Dust protectio <i>Protection aux poussières</i> Db |

CLASIFICACIÓN DE LAS ZONAS ATEX / EX ZONE CLASSIFICATION / CLASSIFICATION DES ZONES ATEX

Aparatos del Grupo II: Industrias de superficie

Group II Fixtures: Above ground industries

Appareils du Groupe II: Industrie de surface

| Zona Zone <i>Zone</i> | Categoría Category <i>Catégorie</i> | Presencia de ambientes explosivos Explosive environment presence <i>Présence d'ambiance explosive</i> |
|---|--|--|
| Zona / Zone / Zone 0 Zona / Zone / Zone 20 | 1G (gases y vapores / gases & vapors / gaz et vapeurs) 1D (polvos / dusts / poussières) | Constante, permanente Constant, permanent <i>Permanet, constant</i> |
| Zona / Zone / Zone 1 Zona / Zone / Zone 21 | 2G (gases y vapores / gases & vapors / gaz et vapeurs) 2D (polvos / dusts / poussières) | Ocasional, frecuente Occasional, frequent <i>Fréquent, occasionnel</i> |
| Zona / Zone / Zone 2 Zona / Zone / Zone 22 | 3G (gases y vapores / gases & vapors / gaz et vapeurs) 3D (polvos / dusts / poussières) | Nunca en servicio normal, solo durante breves periodos de tiempo Never in a normal service, only for short periods of time <i>Jamais pour un service normal, unique ment durant des brèves périodes</i> |

Aparatos del Grupo I: Minas con Grisú

Group I Fixtures: Mines with fire-damp

Appareils du Groupe I: Mines avec du grisou

| | |
|----|---|
| M1 | Presencia (metano, polvo) Presence (methane, dust) <i>Présence (méthane, poussière)</i> |
| M2 | Riesgo de presencia (metano, polvo) Presence Risk (methane, dust) <i>Risque de présence (méthane, poussière)</i> |

MODOS DE PROTECCIÓN / PROTECTION MODES / MODES DE PROTECTION

| Símbolo Symbol <i>Symbole</i> | Categoría Category <i>Catégorie</i> | Zona Zone <i>Zone</i> |
|-------------------------------------|---|-----------------------------|
| d | Antideflagrante / Explosion proof / <i>Enveloppe antidéflagrante</i> | 1,2 |
| e | Seguridad aumentada / Increased security / <i>Sécurité augmentée</i> | 1,2 |
| ia | Seguridad intrínseca / Intrinsic security / <i>Sécurité intrinsèque</i> | 0,1,2 |
| ib | Seguridad intrínseca / Intrinsic security / <i>Sécurité intrinsèque</i> | 1,2 |
| o | Inmersión en aceite / Oil immersion / <i>Immersion en huile</i> | 2 |
| p | Presurizado / Pressurized / <i>Surpression</i> | 1,2 |
| q | Bajo arena / Below sand / <i>Remplissage de l'enveloppe par un matériau pulvérulent</i> | 1,2 |
| m | Encapsulado / Encapsulated / <i>Encapsulage</i> | 1,2 |
| n | Antichispas / Antisparks / <i>Pas de production d'étincelles</i> | 2 |

CLASIFICACIÓN DE LOS GASES SEGÚN SU TEMPERATURA DE IGNICIÓN (*)
GAS CLASSIFICATION ACCORDING TO IGNITION TEMPERATURE (*)
CLASSIFICATION DES GAZ SELON LEURSTEMPÉRATURES D'IGNITION (*)

| Grupos Groups Groupes | Gases Gases Gaz | Clases de temperatura Temperature classes Classe de températures | | | | | | |
|--|---|--|----|----|----|----|----|--|
| | | T1 | T2 | T3 | T4 | T5 | T6 | |
| I | Metano (Grisú) / Methane (Fire-damp) / Méthane (Grisou) | • | | | | | | |
| | Acetona / Acetone / Acétone | • | | | | | | |
| | Ácido acético / Acetic acid / Acide acétique | • | | | | | | |
| | Amoniaco / Ammonia / Ammoniac | • | | | | | | |
| | Etano / Ethane / Éthane | • | | | | | | |
| | Cloruro de metileno / Methylene chloride / Dichlorométhane/Chlorure de méthylène | • | | | | | | |
| | Metano (CH4) / Methane (CH4) / Méthane (CH4) | • | | | | | | |
| | Óxido de carbono / Carbon oxide / Oxyde de carbone | • | | | | | | |
| | Propano / Propane / Propane | • | | | | | | |
| | II | N-Butano / N-Butane / N-Butane | | • | | | | |
| | | N-Butil / N-Butyl / N-Butil | | • | | | | |
| | | N-Hexano / N-Hexane / N-Hexane | | | • | | | |
| | | Acetaldehido / Acetaldehyde / Éthanal/Acétaldéhyde | | | | • | | |
| Eter etílico / Ethyl ether / Éther diéthylique/éthoxyéthane | | | | | • | | | |
| Nitrito de etilo / Ethyl nitrite / Nitrite d'éthyle | | | | | | | • | |
| B | Etileno / Ethyl / Éthylène | | • | | | | | |
| | Etil Óxido / Ethyl Oxide / Éthylène oxyde | | • | | | | | |
| | Hidrógeno sulfurado / Sulfur Hydrogen / Sulfure d'hydrogène | | | • | | | | |
| C | Acetileno (C2H2) / Acetylen (C2H2) / Acétylène (C2H2) | | • | | | | | |
| | Sulfuro de carbono (CS2) / Carbon Sulfur (CS2)/ Sulfure de carbone (CS2) | | | | | | • | |
| | Hidrógeno (H2) / Hydrogene (H2) / Hydrogène(H2) | • | | | | | | |

(*) El material marcado como IIB se adapta a las aplicaciones que exigen material marcado como IIA, y IIC se adapta para IIA y IIB.



The material marked as IIB adapts to applications that require marked material as IIA, and IIC adapts to IIA & IIB.

Le matériel marqué comme IIB s'adapte aux applications exigées par le matériel marqué comme IIA, ainsi que le groupe IIC s'adapte pour IIA et IIB.

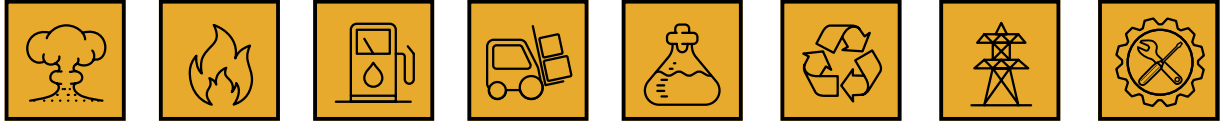
| Temperatura máxima de la superficie (°C) Surface maximum temperature (°C) Température maximale de la surface (°C) | Clases de temperatura Temperature classes Classe de températures |
|---|--|
| T1 | 450 |
| T2 | 300 |
| T3 | 200 |
| T4 | 135 |
| T5 | 100 |
| T6 | 85 |

2.15



CUADRO DE APLICACIONES COMUNES / COMMON APPL

|  |  | | | | |
|---|---|---|---|---|---|
| MINEX | PYROS LUMEX FLAME TAURUS | | | | |
| <p>Minería bajo tierra, incluyendo las que tengan riesgo de acumulación de gas grisú</p> <p>Underground mining, including those who are at risk of accumulation of firedamp</p> <p><i>Exploitation minière souterraine, et qui sont à risque d'accumulation de grisou</i></p> | <p>Zonas inmediatas a bocas de carga y descarga de combustible en exteriores</p> <p>Zone close to fuel valve and pumps</p> <p><i>Zones adjacentes aux orifices de remplissage et de décharge de carburant</i></p> | <p>Zona colindantes con válvulas y conexiones de conducciones de m. inflamable</p> <p>Zone close to valves and connectors in flammable pipes</p> <p><i>Zones situées à proximité de robinets et de raccords de m. inflammable</i></p> | <p>Almacenes de disolventes, pinturas o adhesivos volátiles</p> <p>Solvent, paint or glue warehouses</p> <p><i>Entrepôts de solvants, de peintures ou d'adhésifs volatils</i></p> | <p>Zonas cerradas (piscinas de fangos) de tratamiento de residuos urbanos</p> <p>Urban waste treatment centers (closed rooms)</p> <p><i>Zones confinées (bassins de boues) destinées au traitement de déchets urbains</i></p> | <p>Depósitos y zonas de manipulación de fertilizantes</p> <p>Fertilizer handling zones and warehouses</p> <p><i>Dépôts et zones de manipulation d'engrais</i></p> |
| ZONA M | ZONA 1 - 21 | | | | |





APPLICATIONS CHART / TABLEAU D'APPLICATIONS COMMUNES

|  | | |  | | | | | |
|--|---|---|--|--|---|---|--|---|
| LUMEX | VITRA | TAURUS | SECURE - WATEX - PROYECTOR ATEX LED MAX | | | | | |
| <p>Laboratorios con riesgo por manipulación de proyecciones de líquidos corrosivos</p> <p>Laboratories where corrosive liquid projections or heavy oil are possible</p> <p><i>Laboratoires exposés + a des risques de projection de liquides corrosifs</i></p> | <p>Cabinas de pintura con proyección de disolventes para limpieza</p> <p>Paint booth where solvents are used to cleaning operations</p> <p><i>Cabines de peinture dans solvants sont projetés à des fins de nettoyage</i></p> | <p>Zonas de producción con emisión de productos abrasivos (cloro)</p> <p>Production zones where abrasives (chlorine) are present</p> <p><i>Zones de production caractérisées par l'émission de produits abrasifs (chlore)</i></p> | <p>Conducciones de extracción de polvo (cementeras, extractores de cereales, etc.)</p> <p>Dust extraction pipe (cement factories, grain extractors, etc.)</p> <p><i>Conduites d'extraction de poussière (cimenteries, extracteurs de céréales, etc.)</i></p> | <p>Fosos de talleres</p> <p>Garage trenches</p> <p><i>Fosses de garage</i></p> | <p>Zonas de carga / descarga de cereales a cielo abierto</p> <p>Loading and unloading grain zones (open areas)</p> <p><i>Zones de chargement / déchargement de céréales à ciel ouvert</i></p> | <p>Almacenes de maquinaria (agrícola, industrial, etc.)</p> <p>Machinery warehouse (farming, industrial, etc.)</p> <p><i>Entrepôts d'équipements (agricoles, industriels, etc.)</i></p> | <p>Talleres de carpintería, barnizado de muebles</p> <p>Carpentry workshop, furniture varnishing</p> <p><i>Ateliers de menuiserie, vernissage de meubles</i></p> | <p>Surtidores de combustible (gasolineras). Zona no inmediata a las bocas de surtidor</p> <p>Fuel pumps (Gas stations, not immediate areas)</p> <p><i>Pompes à essence (stations-service), zone non adjacente aux bacs des pompes</i></p> |
| ZONA 1 - 21 | | | ZONA 2 - 22 | | | | | |



A high-angle, wide shot of a modern shopping mall's interior. The space is characterized by multiple levels connected by escalators and walkways. The architecture features clean, white lines and glass railings. The lighting is a mix of recessed ceiling lights and track lighting, creating a bright and airy atmosphere. People are seen walking on various levels, and a store with a mannequin is visible on the right side. The overall design is contemporary and functional.

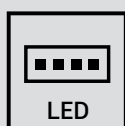
ILUMINACIÓN TÉCNICA

TECHNICAL LIGHTING / ÉCLAIRAGE TECHNIQUE

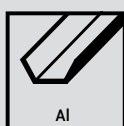
| | | | | |
|-----|---|--|--|-------|
| 3.1 |  | CARRIL LED IP44 Módulo LED |    | / 172 |
| 3.2 |  | DELTA IP20 Tubo LED/Fluorescente |    | / 174 |
| 3.3 |  | MINIDELTA IP20 Tubo LED/Fluorescente |     | / 190 |
| 3.4 |  | SUPERDELTA IP20 Tubo LED/Fluorescente |    | / 200 |
| 3.5 |  | DECO IP20 Tubo LED/Fluo |    | / 204 |
| 3.6 |  | METALLIC IP20 Tubo LED/Fluo |     | / 208 |
| 3.7 |  | EXTREME LED IP44 Módulo LED |   | /212 |
| 3.8 | | CUADRO DE APLICACIONES APPLICATIONS CHART TABLEAU D'APPLICANTIONS | | / 214 |

3.1

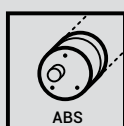
CARRIL LED



LED

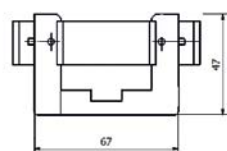
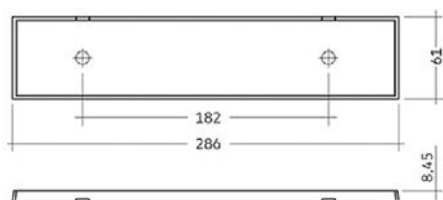
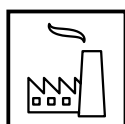


Al



ABS

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



Pieza de unión / Track joint / Pièce de liaison



IT - DE



RG1

MACADAM

3/4

UGR
<19

CR>80

L70B50
>
50.000

IP44

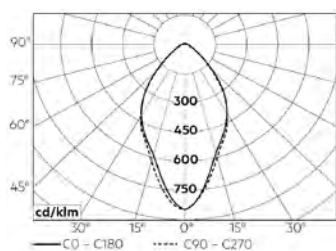
CE

EN 60598-1



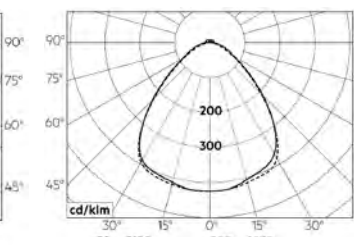
| Ref. | Nº Módulos Nº Modules Nº Modules | Potencia Watts Puissance | Emisión Bruta Light emission Intensité lum. | Tª color Tª colour Tª couleur | Longitud Bloque Block length Longueur de bloc | Ancho Wide Large |
|-------|--|--------------------------------|---|-------------------------------------|---|------------------------|
| | | (W) | | | | |
| CA214 | 2 | 26 | 4000 | 4000 | 570 | 67 |
| CA314 | 3 | 38 | 6000 | 4000 | 855 | 67 |
| CA414 | 4 | 51 | 8000 | 4000 | 1140 | 67 |
| CA514 | 5 | 65 | 10000 | 4000 | 1425 | 67 |

60°



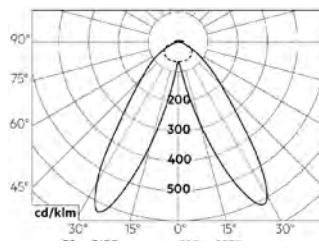
Ref +A

90°



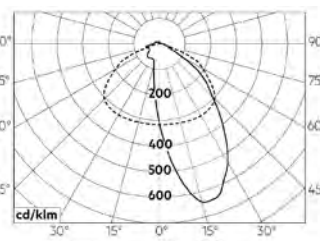
Ref +B

Doble asimétrico / double asymmetric / double asymétrique



Ref +C

Asimétrico / asymmetric / asymétrique



Ref +D

ACCESORIOS CARRIL LED / CARRIL LED ACCESORIES / ACCESSOIRES CARRIL LED



Ref. Q0349

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier



Tapa / Endcap / Embout:
Ref. CA902

Union / Union / Union:
Ref. CA901

LÍNEA CONTINUA
CONTINUOUS LINE CONNECTION
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles
5 polos / 5 poles / 5 pôles

1-10
DALI

EMERGENCY
1h / 3h

UNIÓN
PA6+FG

3.2

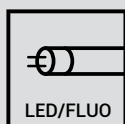
DELTA T8



1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE



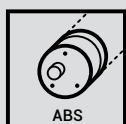
2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES



LED/FLUO

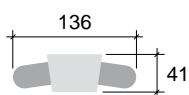
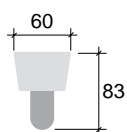


AP/LS/AL



ABS

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP 20

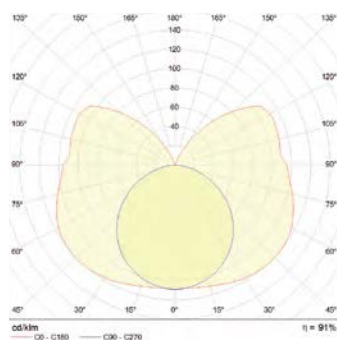


EN 60598-1



1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE

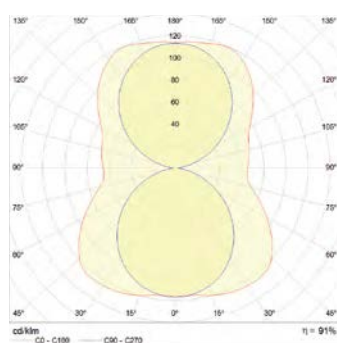
G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| D0049 | 18 W | ■ | 624 |
| D0133 | 18 W | ● | 624 |
| D0050 | 36 W | ■ | 1.233 |
| D0134 | 36 W | ● | 1.233 |
| D0051 | 58 W | ■ | 1.534 |
| D0135 | 58 W | ● | 1.534 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES

G13/T8



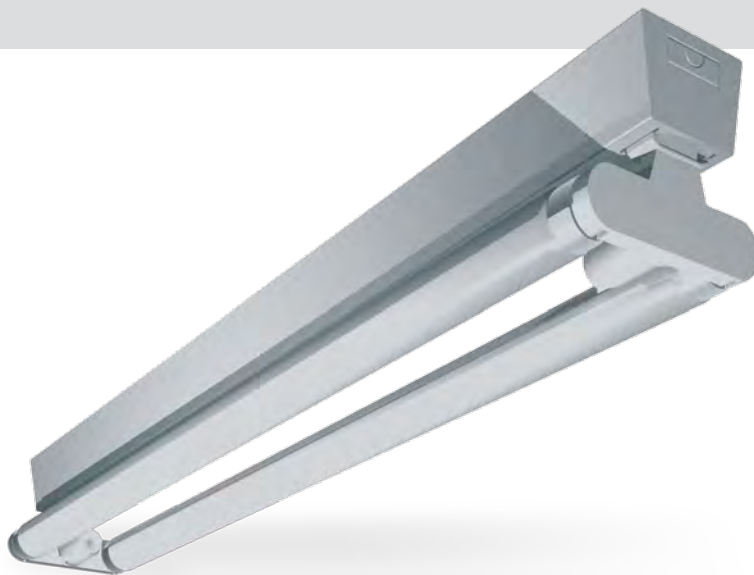
| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| D0052 | 18 W | ■ | 624 |
| D0136 | 18 W | ● | 624 |
| D0053 | 36 W | ■ | 1.233 |
| D0137 | 36 W | ● | 1.233 |
| D0054 | 58 W | ■ | 1.534 |
| D0138 | 58 W | ● | 1.534 |

■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

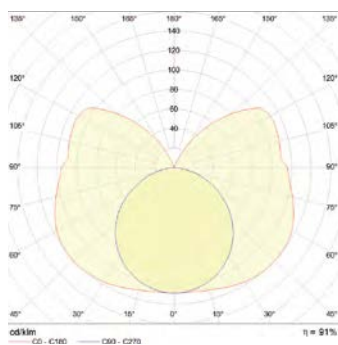
3.2

DELTA T8



PORTALÁMPARAS DOBLE 2 TUBOS FLUORESCENTES
 DOUBLE LAMPHOLDER 2 LAMPS
 PORTE LAMPES DOUBLE 2 LAMPES

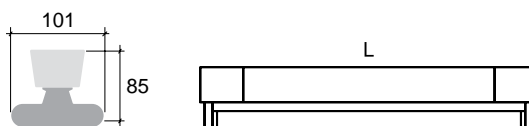
G13/T8



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| D0152 | 18 W | ■ | 624 |
| D0139 | 18 W | ● | 624 |
| D0153 | 36 W | ■ | 1.233 |
| D0140 | 36 W | ● | 1.233 |
| D0154 | 58 W | ■ | 1.534 |
| D0141 | 58 W | ● | 1.534 |

■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable





3.2

DELTA T5

IP20

CE

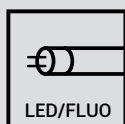
EN 60598-1



1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMPE



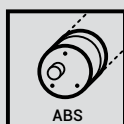
2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES



LED/FLUO

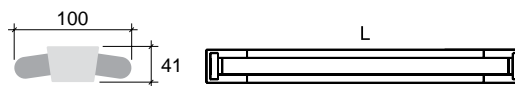
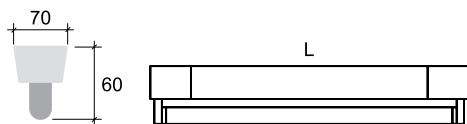


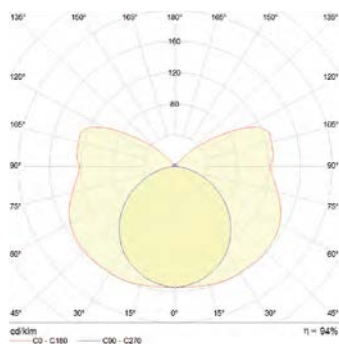
AP/LS/AL



ABS

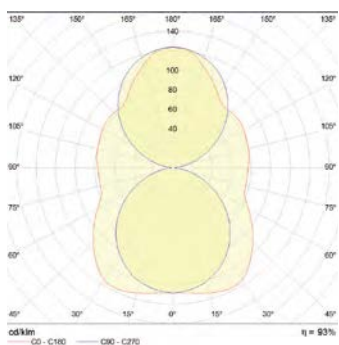
APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES





| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|---|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0101 | 14 W | ■ | 587 |
| D0067 | 14 W | ● | 587 |
| D0102 | 21 W | ■ | 887 |
| D0068 | 21 W | ● | 887 |
| D0103 | 28 W | ■ | 1.187 |
| D0069 | 28 W | ● | 1.187 |
| D0104 | 35 W | ■ | 1.487 |
| D0071 | 35 W | ● | 1.487 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| D0146 | 24 W | ■ | 587 |
| D0150 | 24 W | ● | 587 |
| D0105 | 39 W | ■ | 887 |
| D0072 | 39 W | ● | 887 |
| D0147 | 49 W | ■ | 1.487 |
| D0151 | 49 W | ● | 1.487 |
| D0106 | 54 W | ■ | 1.187 |
| D0073 | 54 W | ● | 1.187 |
| D0142 | 80 W | ■ | 1.487 |
| D0144 | 80 W | ● | 1.487 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES



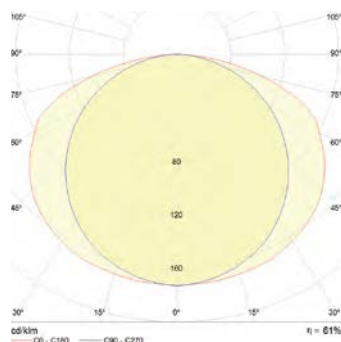
| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|---|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0107 | 14 W | ■ | 587 |
| D0078 | 14 W | ● | 587 |
| D0108 | 21 W | ■ | 887 |
| D0079 | 21 W | ● | 887 |
| D0109 | 28 W | ■ | 1.187 |
| D0080 | 28 W | ● | 1.187 |
| D0110 | 35 W | ■ | 1.487 |
| D0095 | 35 W | ● | 1.487 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| D0164 | 24 W | ■ | 587 |
| D0168 | 24 W | ● | 587 |
| D0111 | 39 W | ■ | 887 |
| D0096 | 39 W | ● | 887 |
| D0165 | 49 W | ■ | 1.487 |
| D0169 | 49 W | ● | 1.487 |
| D0112 | 54 W | ■ | 1.187 |
| D0097 | 54 W | ● | 1.187 |
| D0143 | 80 W | ■ | 1.487 |
| D0145 | 80 W | ● | 1.487 |

■ Electrónica / Electronic / Électronique ● Regulable / Dimmable / Gradable

3.2

DELTA T5

G13/T8



| Ref. | Potencia Watts <i>Puissance</i> | Equipo Equipment <i>Ballast</i> | Largo Length <i>Longueur</i> |
|---|---------------------------------------|---------------------------------------|------------------------------------|
| | (W) | | (mm) |
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0261 | 14 W | ■ | 587 |
| D0262 | 14 W | ● | 587 |
| D0263 | 21 W | ■ | 887 |
| D0264 | 21 W | ● | 887 |
| D0265 | 28 W | ■ | 1.187 |
| D0266 | 28 W | ● | 1.187 |
| D0267 | 35 W | ■ | 1.487 |
| D0268 | 35 W | ● | 1.487 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| D0269 | 24 W | ■ | 587 |
| D0270 | 24 W | ● | 587 |
| D0271 | 39 W | ■ | 887 |
| D0272 | 39 W | ● | 887 |
| D0273 | 49 W | ■ | 1.487 |
| D0274 | 49 W | ● | 1.487 |
| D0275 | 54 W | ■ | 1.187 |
| D0276 | 54 W | ● | 1.187 |
| D0277 | 80 W | ■ | 1.487 |
| D0278 | 80 W | ● | 1.487 |

■ **Electrónica** / Electronic / *Électronique*

● **Regulable** / Dimmable / *Gradable*



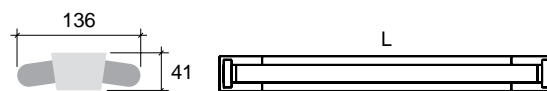
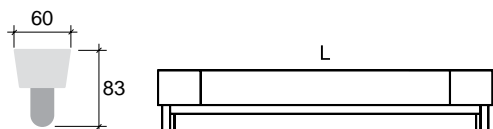
3.2

DELTA LED

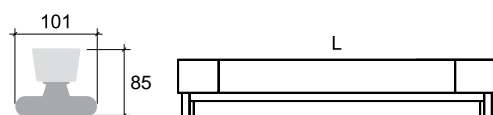


1 TUBO LED / 1 LED TUBE / 1 TUBE LED

2 TUBOS LED / 2 LED TUBES / 2 TUBES LED



2 TUBOS LED (PORTALÁMPARAS DOBLE / DOUBLE LAMP HOLDER //PORTE LAMPES DOUBLE)



IP20

CE

EN 60598-1

1 TUBO LED / 1 LED TUBE
/ 1 TUBE LED

G13/T8

| Ref. | Longitud Tubo Tube Length <i>Longueur Tube</i> | Longitud Luminaria Fitting Length <i>Longueur Luminaire</i> |
|--------|--|---|
| | (mm) | (mm) |
| D0049L | 600 | 624 |
| D0055L | 900 | 928 |
| D0050L | 1.200 | 1.233 |
| D0051L | 1.500 | 1.534 |

2 TUBOS LED / 2 LED
TUBES / 2 TUBES LED

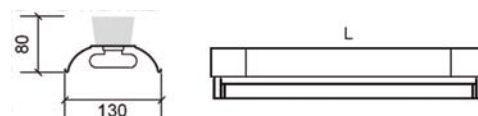
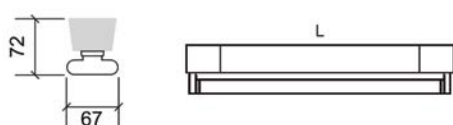
G13/T8

| Ref. | Longitud Tubo Tube Length <i>Longueur Tube</i> | Longitud Luminaria Fitting Length <i>Longueur Luminaire</i> |
|--------|--|---|
| | (mm) | (mm) |
| D0052L | 600 | 624 |
| D0056L | 900 | 928 |
| D0053L | 1.200 | 1.233 |
| D0054L | 1.500 | 1.534 |

2 TUBOS LED (PORTALÁMPARAS DOBLE /
DOUBLE LAMP HOLDER / PORTE LAMPES
DOUBLE)

G13/T8

| Ref. | Longitud Tubo Tube Length <i>Longueur Tube</i> | Longitud Luminaria Fitting Length <i>Longueur Luminaire</i> |
|--------|--|---|
| | (mm) | (mm) |
| D0152L | 600 | 624 |
| D0156L | 900 | 928 |
| D0153L | 1.200 | 1.233 |
| D0154L | 1.500 | 1.534 |

VERSIÓN CONEXIÓN RÁPIDA / QUICK CONNECTION / CONNECTION RAPIDE

Con reflector de aluminio brillante
With glossy aluminium reflector
Avec réflecteur en aluminium brillant



Posición final
Final position
Position finale

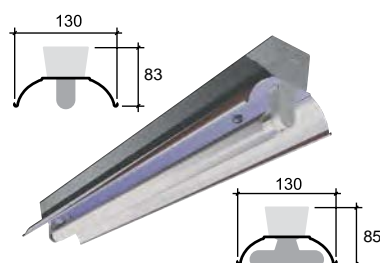


| Ref. | D0187 | D0188 | D0190 |
|------|---|---|--|
| | Conexión rápida Quick connection <i>Connexion rapide</i> | Interconector macho hembra Male-female interconnector <i>Interconecteur mâle-femelle</i> | Cable de conexión Connection cable <i>Connexion par câble</i> |

3.2

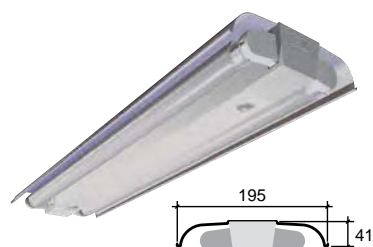
REFLECTORES REFLECTORS / RÉFLECTEURS

SIMÉTRICO 1 TUBO Y PORTALÁMPARAS DOBLE G13 SYMMETRICAL 1 LAMP AND DOUBLE LAMPHOLDER G13 SYMÉTRIQUE 1 LAMPE ET PORTE LAMPES DOUBLE G13



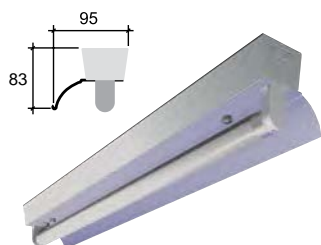
| Ref. | Potencia | | Largo |
|-----------|------------|-----------------------|----------|
| | Watts | | Length |
| | Puissance | | Longueur |
| | (W) | | (mm) |
| T8 | | | |
| DA400 | 15 W | Chapa / Steel / Acier | 471 |
| DA4A0 | 15 W | Aluminio / Aluminium | 471 |
| DA100 | 18 W | Chapa / Steel / Acier | 624 |
| DA1A0 | 18 W | Aluminio / Aluminium | 624 |
| DA600 | 30 W | Chapa / Steel / Acier | 928 |
| DA6A0 | 30 W | Aluminio / Aluminium | 928 |
| DA200 | 36 W | Chapa / Steel / Acier | 1233 |
| DA2A0 | 36 W | Aluminio / Aluminium | 1233 |
| DA300 | 58 W | Chapa / Steel / Acier | 1534 |
| DA3A0 | 58 W | Aluminio / Aluminium | 1534 |
| T5 | | | |
| DE100 | 14-24 W | Chapa / Steel / Acier | 587 |
| DE1A0 | 14-24 W | Aluminio / Aluminium | 587 |
| DE200 | 21-39 W | Chapa / Steel / Acier | 857 |
| DE2A0 | 21-39 W | Aluminio / Aluminium | 857 |
| DE300 | 28-54 W | Chapa / Steel / Acier | 1187 |
| DE3A0 | 28-54 W | Aluminio / Aluminium | 1187 |
| DE400 | 35-49-80 W | Chapa / Steel / Acier | 1487 |
| DE4A0 | 35-49-80 W | Aluminio / Aluminium | 1487 |

SIMÉTRICO 2 TUBOS / SYMMETRICAL 2 LAMPS / SYMÉTRIQUE 2 LAMPES



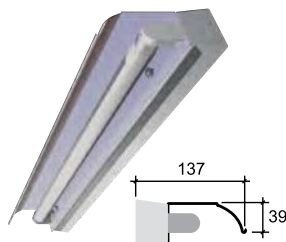
| Ref. | Potencia | | Largo |
|-----------|------------|-----------------------|----------|
| | Watts | | Length |
| | Puissance | | Longueur |
| | (W) | | (mm) |
| T8 | | | |
| DB400 | 15 W | Chapa / Steel / Acier | 471 |
| DB4A0 | 15 W | Aluminio / Aluminium | 471 |
| DB100 | 18 W | Chapa / Steel / Acier | 624 |
| DB1A0 | 18 W | Aluminio / Aluminium | 624 |
| DB600 | 30 W | Chapa / Steel / Acier | 928 |
| DB6A0 | 30 W | Aluminio / Aluminium | 928 |
| DB200 | 36 W | Chapa / Steel / Acier | 1233 |
| DB2A0 | 36 W | Aluminio / Aluminium | 1233 |
| DB300 | 58 W | Chapa / Steel / Acier | 1534 |
| DB3A0 | 58 W | Aluminio / Aluminium | 1534 |
| T5 | | | |
| DF100 | 14-24 W | Chapa / Steel / Acier | 587 |
| DF1A0 | 14-24 W | Aluminio / Aluminium | 587 |
| DF200 | 21-39 W | Chapa / Steel / Acier | 857 |
| DF2A0 | 21-39 W | Aluminio / Aluminium | 857 |
| DF300 | 28-54 W | Chapa / Steel / Acier | 1187 |
| DF3A0 | 28-54 W | Aluminio / Aluminium | 1187 |
| DF400 | 35-49-80 W | Chapa / Steel / Acier | 1487 |
| DF4A0 | 35-49-80 W | Aluminio / Aluminium | 1487 |

ASIMÉTRICO E / ASYMMETRICAL E / ASYMÉTRIQUE E



| Ref. | Potencia Watts Puissance (W) | Material | Largo Length Longueur (mm) |
|-----------|---------------------------------------|-----------------------|-------------------------------------|
| T8 | | | |
| DC400 | 15 W | Chapa / Steel / Acier | 471 |
| DC4A0 | 15 W | Aluminio / Aluminium | 471 |
| DC100 | 18 W | Chapa / Steel / Acier | 624 |
| DC1A0 | 18 W | Aluminio / Aluminium | 624 |
| DC600 | 30 W | Chapa / Steel / Acier | 928 |
| DC6A0 | 30 W | Aluminio / Aluminium | 928 |
| DC200 | 36 W | Chapa / Steel / Acier | 1233 |
| DC2A0 | 36 W | Aluminio / Aluminium | 1233 |
| DC300 | 58 W | Chapa / Steel / Acier | 1534 |
| DC3A0 | 58 W | Aluminio / Aluminium | 1534 |
| T5 | | | |
| DG100 | 14-24 W | Chapa / Steel / Acier | 587 |
| DG1A0 | 14-24 W | Aluminio / Aluminium | 587 |
| DG200 | 21-39 W | Chapa / Steel / Acier | 857 |
| DG2A0 | 21-39 W | Aluminio / Aluminium | 857 |
| DG300 | 28-54 W | Chapa / Steel / Acier | 1187 |
| DG3A0 | 28-54 W | Aluminio / Aluminium | 1187 |
| DG400 | 35-49-80 W | Chapa / Steel / Acier | 1487 |
| DG4A0 | 35-49-80 W | Aluminio / Aluminium | 1487 |


ASIMÉTRICO i / ASYMMETRICAL i / ASYMÉTRIQUE i



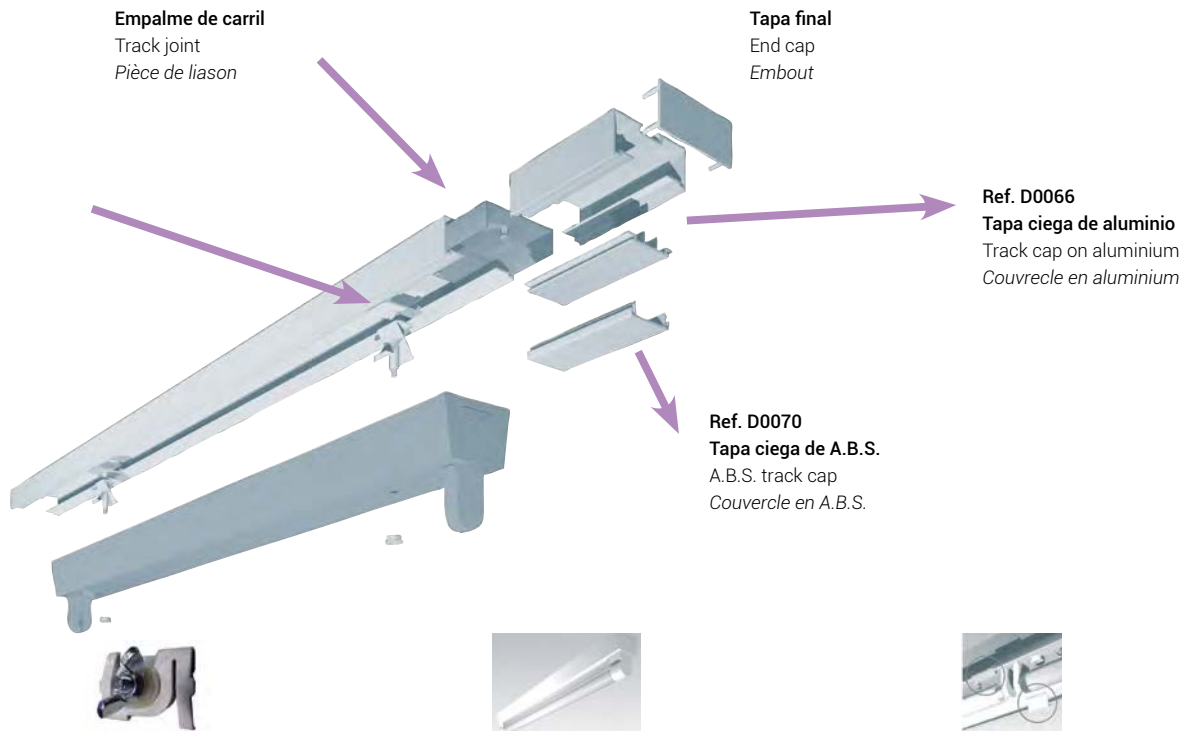
| Ref. | Potencia Watts Puissance (W) | Material | Largo Length Longueur (mm) |
|-----------|---------------------------------------|-----------------------|-------------------------------------|
| T8 | | | |
| DD400 | 15 W | Chapa / Steel / Acier | 471 |
| DD4A0 | 15 W | Aluminio / Aluminium | 471 |
| DD100 | 18 W | Chapa / Steel / Acier | 624 |
| DD1A0 | 18 W | Aluminio / Aluminium | 624 |
| DD600 | 30 W | Chapa / Steel / Acier | 928 |
| DD6A0 | 30 W | Aluminio / Aluminium | 928 |
| DD200 | 36 W | Chapa / Steel / Acier | 1233 |
| DD2A0 | 36 W | Aluminio / Aluminium | 1233 |
| DD300 | 58 W | Chapa / Steel / Acier | 1534 |
| DD3A0 | 58 W | Aluminio / Aluminium | 1534 |
| T5 | | | |
| DH100 | 14-24 W | Chapa / Steel / Acier | 587 |
| DH1A0 | 14-24 W | Aluminio / Aluminium | 587 |
| DH200 | 21-39 W | Chapa / Steel / Acier | 857 |
| DH2A0 | 21-39 W | Aluminio / Aluminium | 857 |
| DH300 | 28-54 W | Chapa / Steel / Acier | 1187 |
| DH3A0 | 28-54 W | Aluminio / Aluminium | 1187 |
| DH400 | 35-49-80 W | Chapa / Steel / Acier | 1487 |
| DH4A0 | 35-49-80 W | Aluminio / Aluminium | 1487 |

3.2

CARRILES Y ACCESORIOS TRACKS AND ACCESSORIES / RAIL ET ACCESSOIRES

| Carril Track Rail | T8 | | | T5 | | Tapa final End cap Embout | Empalme Track joint Pièce de liaison | Sujeción a carril Fastener for track Fixation au RAIL | |
|---|---|----------------------|----------------------|----------------------|----------------------|---------------------------------|--|---|----------------------|
| | Perfil Profile Profile | Carril Track Rail | Carril Track Rail | Carril Track Rail | Carril Track Rail | | | | Carril Track Rail |
| | 3070 (mm) | 3700 (mm) | 4620 (mm) | 3000 (mm) | 3598 (mm) | | | | |
| | 2 X 58 | 3 X 36 | 3 X 58 | 2 X 35/49 | 3 X 28/54 | | | | |
| | Ref. | Ref. | Ref. | Ref. | Ref. | Ref. | Ref. | Ref. | |
| CHAPA ACERO / LACQUERED STEEL / ACIER LAQUÉ 25 X 67,2 (mm) |  | D0059 | D0060 | D0174 | D0039 | D0125 | D0034 | D0064 | D0063 |

Ref. D0063
Sujeción a carril
Fastener for track
Fixation au RAIL




| | | | |
|---|--|---|-------|
| Ref. | D0191 | D0025 | D0074 |
| Fijación carril a perfil techo desmontable Track fastener to removable ceiling profile Fixation de carril au profil du plafond démontable | Tapa final difusor End cap for diffuser Embout diffuseur | Pieza alineación reflectores Reflector alignment piece Pièce d'alignement des réflecteurs | |

Difusor / Diffuser / Diffuseur

| Ref. | D0026 | D0027 | D0029 | D0030 | D0031 |
|------|-------|-------|-------|-------|-------|
| (W) | 15 | 18 | 30 | 36 | 58 |

Suspensiones / Suspensions / Suspensions

| | | | | | | | | |
|---|-------------------------|-----------|-------------------------------|----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|--|
|  | Carril Track Rail | 22,5 - 25 | D0156 | D0157 | D0158 | D0159 | D0160 | D0161 |
| | Medida (mm) | | Tija 95 Stem 95 Tige 95 | Tija 250 Stem 250 Tige 250 | Tija 500 Stem 500 Tige 500 | Tija 1000 Stem 1000 Tige 1000 | Tija 1500 Stem 1500 Tige 1500 | con cable de acero 1900 With steel cable 1900 Avec câble en acier 1900 |




ACCESORIOS
ACCESORIES
ACCESOIRES




3.2

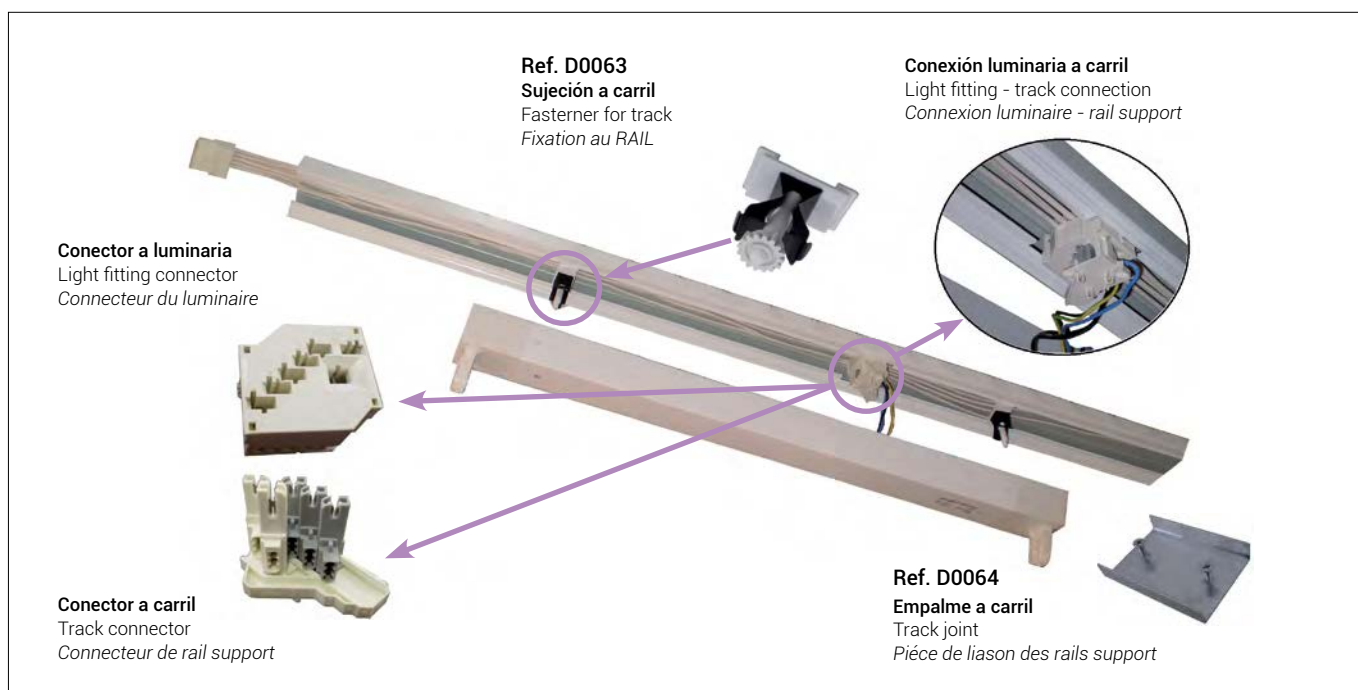
CARRILES Y ACCESORIOS TRACKS AND ACCESSORIES / RAIL ET ACCESSOIRES

CARRIL 5 HILOS / 5 WIRES TRACK / RAIL SUPPORT 5 FILS

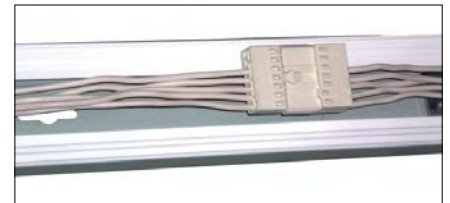
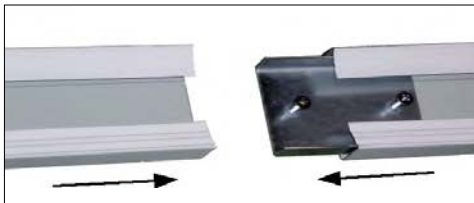
| Carril Track Rail | Perfil Profile Profile | T8 | | | T5 | |
|-------------------------|---|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|
| | | Carril Track Rail | Carril Track Rail | Carril Track Rail | Carril Track Rail | Carril Track Rail |
| | | 3070 (mm) 2 X 58 | 3700 (mm) 3 X 36 | 4620 (mm) 3 X 58 | 3000 (mm) 2 X 35/49 | 3598 (mm) 3 X 28/54 |
| | Ref. | Ref. | Ref. | Ref. | Ref. | |
| 25 X 67,2 (mm) |  | D0043 | D0047 | D0172 | D0179 | D0180 |

CARRIL 7 HILOS / 7 WIRES TRACK / RAIL SUPPORT 7 FILS

| Carril Track Rail | Perfil Profile Profile | T8 | | | T5 | |
|---|---|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|
| | | Carril Track Rail | Carril Track Rail | Carril Track Rail | Carril Track Rail | Carril Track Rail |
| | | 3070 (mm) 2 X 58 | 3700 (mm) 3 X 36 | 4620 (mm) 3 X 58 | 3000 (mm) 2 X 35/49 | 3598 (mm) 3 X 28/54 |
| | Ref. | Ref. | Ref. | Ref. | Ref. | |
| CHAPA ACERO / LACQUERED STEEL / ACIER LAQUÉ 25 X 67,2 (mm) |  | D0044 | D0048 | D0173 | D0181 | D0182 |



Conexión entre carriles / Connection between tracks / Connecteur de RAIL



Ref.

D0065

Tapa final de carril aluminio
End cap for track aluminium
Embout final du rail support aluminium



D0070

Tapa ciega de A.B.S.
Track cap on A.B.S.
Couvercle en A.B.S.



D0066

Tapa ciega de aluminio
Aluminium track cap
Couvercle en aluminium



Ref.

D0034

Tapa final de carril de chapa 25x64
End cap for lacquered steel track 25x64
Embout final du rail support d'acier 25x64



D0191

Fijación carril a perfil techo desmontable
Track fastener to removable ceiling profile
Fixation de carril au profil du plafond démontable

(*) **No disponible para Mini Delta**

For Mini Delta model not available
Non disponible pour Mini Delta

Para luminarias de 2 tubos con reflector debe usarse el portalámparas G13 doble.

For 2 tubes light fitting with reflector have to use double G13 lampholder.

Pour les luminaires avec 2 lampes et réflecteur doit être utilisé porte lampes double G13.

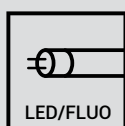
ACCESORIOS DELTA / DELTA ACCESORIES / ACCESSOIRES DELTA

1-10
DALI

EMERGENCY
1h / 3h

3.3

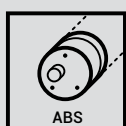
MINIDELTA



LED/FLUO

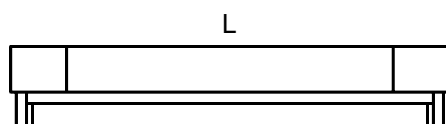
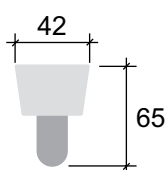


AP/LS/AL



ABS

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IP20

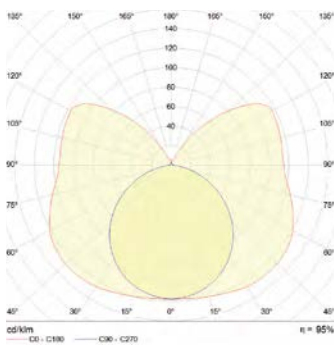
CE

EN 60598-1



1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G5/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0701 | 14 W | ■ | 598 |
| D0712 | 14 W | ● | 598 |
| D0702 | 21 W | ■ | 898 |
| D0713 | 21 W | ● | 898 |
| D0703 | 28 W | ■ | 1.198 |
| D0714 | 28 W | ● | 1.198 |
| D0704 | 35 W | ■ | 1.498 |
| D0715 | 35 W | ● | 1.498 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| D0705 | 24 W | ■ | 598 |
| D0716 | 24 W | ● | 598 |
| D0706 | 39 W | ■ | 898 |
| D0717 | 39 W | ● | 898 |
| D0707 | 49 W | ■ | 1.498 |
| D0718 | 49 W | ● | 1.498 |
| D0708 | 54 W | ■ | 1.198 |
| D0719 | 54 W | ● | 1.198 |
| D0709 | 80 W | ■ | 1.498 |
| D0720 | 80 W | ● | 1.498 |

■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

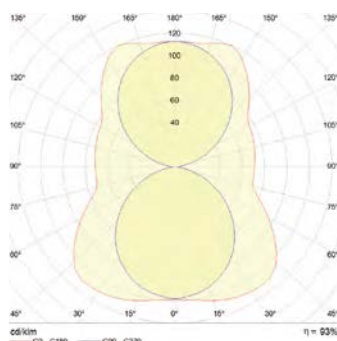
3.3

MINIDELTA



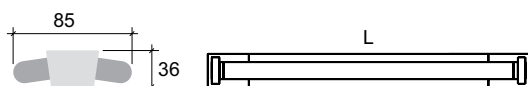
2 TUBOS FLUORESCENTES / 1 LAMP / 1 LAMP

G5/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0721 | 14 W | ■ | 598 |
| D0729 | 14 W | ● | 598 |
| D0722 | 21 W | ■ | 898 |
| D0730 | 21 W | ● | 898 |
| D0723 | 28 W | ■ | 1.198 |
| D0731 | 28 W | ● | 1.198 |
| D0724 | 35 W | ■ | 1.498 |
| D0732 | 35 W | ● | 1.498 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| D0725 | 24 W | ■ | 598 |
| D0733 | 24 W | ● | 598 |
| D0726 | 39 W | ■ | 898 |
| D0734 | 39 W | ● | 898 |
| D0753 | 49 W | ■ | 1.498 |
| D0754 | 49 W | ● | 1.498 |
| D0727 | 54 W | ■ | 1.198 |
| D0735 | 54 W | ● | 1.198 |
| D0728 | 80 W | ■ | 1.498 |
| D0736 | 80 W | ● | 1.498 |

■ Electrónica / Electronic / Électronique ● Regulable / Dimmable / Gradable



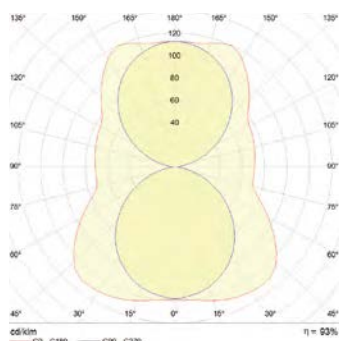
IP20

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**PORTALÁMPARAS DOBLE, 2 FLUORESCENTES / DOUBLE LAMPHOLDER 2 LAMPS /
PORTE LAMPES DOUBLE, 2 LAMPES**



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0737 | 14 W | ■ | 598 |
| D0745 | 14 W | ● | 598 |
| D0738 | 21 W | ■ | 898 |
| D0746 | 21 W | ● | 898 |
| D0739 | 28 W | ■ | 1.198 |
| D0747 | 28 W | ● | 1.198 |
| D0740 | 35 W | ■ | 1.498 |
| D0748 | 35 W | ● | 1.498 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| D0741 | 24 W | ■ | 598 |
| D0749 | 24 W | ● | 598 |
| D0742 | 39 W | ■ | 898 |
| D0750 | 39 W | ● | 898 |
| D0755 | 49 W | ■ | 1.498 |
| D0756 | 49 W | ● | 1.498 |
| D0743 | 54 W | ■ | 1.198 |
| D0751 | 54 W | ● | 1.198 |
| D0709 | 80 W | ■ | 1.498 |
| D0720 | 80 W | ● | 1.498 |

■ Electrónica / Electronic / Électronique

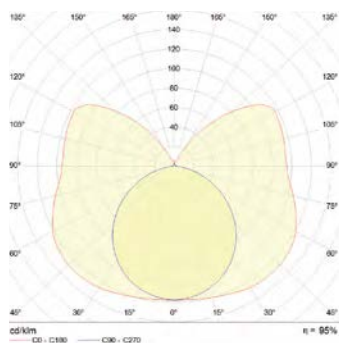
● Regulable / Dimmable / Gradable

3.3

MINIDELTA LED

1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

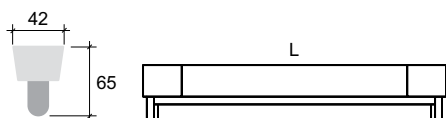
T8



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0771 | 18 W | ■ | 635 |
| D0772 | 18 W | ● | 635 |
| D0773 | 36 W | ■ | 1.244 |
| D0774 | 36 W | ● | 1.244 |
| D0775 | 58 W | ■ | 1.545 |
| D0776 | 58 W | ● | 1.545 |

■ **Electrónica** / Electronic / Électronique

● **Regulable** / Dimmable / Gradable



1 TUBO LED / 1 LED TUBE / 1 TUBE LED

T8



| Ref. | Longitud Tubo Tube Length Longueur Tube (mm) | Largo Length Longueur (mm) |
|--------|---|-------------------------------------|
| D0771L | 600 | 624 |
| D0777L | 900 | 928 |
| D0773L | 1.200 | 1.233 |
| D0775L | 1.500 | 1.534 |

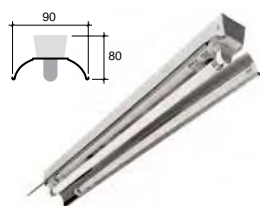
IP20

CE

EN 60598-1

REFLECTORES MINIDELTA / MINIDELTA REFLECTOR / REFLECTEUR MINIDELTA

SIMÉTRICO 1 TUBO / SYMMETRICAL 1 LAMP / SYMÉTRIQUE 1 LAMPE



| Ref. | Potencia Watts Puissance | | Largo Length Longueur |
|-------|--------------------------------|-----------------------|-----------------------------|
| | (W) | | (mm) |
| DK100 | 14-24 | Chapa / Steel / Acier | 598 |
| DK1A0 | 14-24 | Aluminio / Aluminium | 598 |
| DK200 | 21-39 | Chapa / Steel / Acier | 898 |
| DK2A0 | 21-39 | Aluminio / Aluminium | 898 |
| DK300 | 28-54 | Chapa / Steel / Acier | 1.198 |
| DK3A0 | 28-54 | Aluminio / Aluminium | 1.198 |
| DK400 | 35-49-80 | Chapa / Steel / Acier | 1.498 |
| DK4A0 | 35-49-80 | Aluminio / Aluminium | 1.498 |

SIMÉTRICO 2 TUBOS / SYMMETRICAL 2 LAMPS / SYMÉTRIQUE 2 LAMPES



| Ref. | Potencia Watts Puissance | | Largo Length Longueur |
|-------|--------------------------------|-----------------------|-----------------------------|
| | (W) | | (mm) |
| DJ100 | 14-24 | Chapa / Steel / Acier | 598 |
| DJ1A0 | 14-24 | Aluminio / Aluminium | 598 |
| DJ200 | 21-39 | Chapa / Steel / Acier | 898 |
| DJ2A0 | 21-39 | Aluminio / Aluminium | 898 |
| DJ300 | 28-54 | Chapa / Steel / Acier | 1.198 |
| DJ3A0 | 28-54 | Aluminio / Aluminium | 1.198 |
| DJ400 | 35-49-80 | Chapa / Steel / Acier | 1.498 |
| DJ4A0 | 35-49-80 | Aluminio / Aluminium | 1.498 |

ASIMÉTRICO E / ASYMMETRICAL E / ASYMÉTRIQUE E



| Ref. | Potencia Watts Puissance | Material | Largo Length Longueur |
|-------|--------------------------------|-----------------------|-----------------------------|
| | (W) | | (mm) |
| DL100 | 14-24 | Chapa / Steel / Acier | 598 |
| DL1A0 | 14-24 | Aluminio / Aluminium | 598 |
| DL200 | 21-39 | Chapa / Steel / Acier | 898 |
| DL2A0 | 21-39 | Aluminio / Aluminium | 898 |
| DL300 | 28-54 | Chapa / Steel / Acier | 1.198 |
| DL3A0 | 28-54 | Aluminio / Aluminium | 1.198 |
| DL400 | 35-49-80 | Chapa / Steel / Acier | 1.498 |
| DL4A0 | 35-49-80 | Aluminio / Aluminium | 1.498 |

SIMÉTRICO 2 TUBOS / SYMMETRICAL 2 LAMPS / SYMÉTRIQUE 2 LAMPES




| Ref. | Potencia Watts Puissance | Material | Largo Length Longueur |
|-------|--------------------------------|-----------------------|-----------------------------|
| | (W) | | (mm) |
| DM100 | 14-24 | Chapa / Steel / Acier | 598 |
| DM1A0 | 14-24 | Aluminio / Aluminium | 598 |
| DM200 | 21-39 | Chapa / Steel / Acier | 898 |
| DM2A0 | 21-39 | Aluminio / Aluminium | 898 |
| DM300 | 28-54 | Chapa / Steel / Acier | 1.198 |
| DM3A0 | 28-54 | Aluminio / Aluminium | 1.198 |
| DM400 | 35-49-80 | Chapa / Steel / Acier | 1.498 |
| DM4A0 | 35-49-80 | Aluminio / Aluminium | 1.498 |

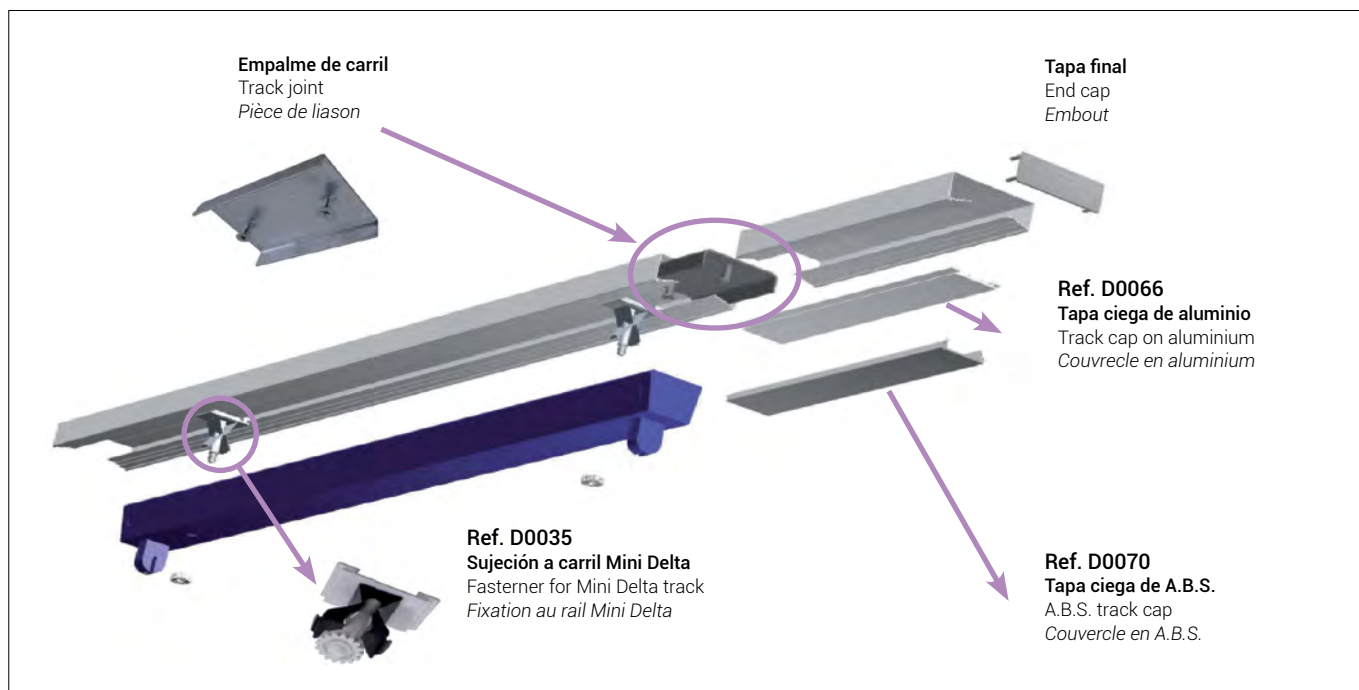
3.3

MINIDELTA

ACCESORIOS MINIDELTA / MINIDELTA ACCESSORIES / ACCESSOIRES MINIDELTA

CARRILES Y ACCESORIOS TRACKS AND ACCESSORIES CHEMINS LIMINEUX ET ACCESSOIRES

| | Perfil Profile Profile | Carril Track Rail 3000 (mm) 2 X 35/49 Ref. | Carril Track Rail 3598 (mm) 3 X 28/54 Ref. | Tapa final End cap Embout Ref. | Empalme Track joint Pièce de liason Ref. |
|---|---|---|---|---|---|
| CHAPA ACERO / LACQUERED STEEL / ACIER LAQUÉ 25 X 67,2 (mm) |  | D0039 | D0125 | D0034 | D0064 |





D0191

Ref.

Fijación carril a perfil techo desmontable
Track fastener to removable ceiling profile
Fixation de carril au profil du plafond démontable



D0074

Pieza alineación reflectores
Reflector alignment piece
Pièce d'alignement des réflecteurs

Suspensiones / Suspensions / Suspensions



| Carril Track Rail | 22,5 - 25 | D0156 | D0157 | D0158 | D0159 | D0160 | D0161 |
|--------------------------------|------------------|-------------------------------|----------------------------------|---|--|--|---|
| (mm) | | Tija 95 Stem 95 Tige 95 | Tija 250 Stem 250 Tige 250 | Tija 500 Stem 500 Tige 500 | Tija 1000 Stem 1000 Tige 1000 | Tija 1500 Stem 1500 Tige 1500 | con cable de acero 1900 With steel cable 1900 Avec câble en acier 1900 |

3.3

MINIDELTA

OPCIÓN CONEXIÓN RÁPIDA / QUICK CONNETION OPTION / OPCION CONNECTION RAPIDE



Ref.

D0781

D0782

Conexión rápida
Quick conection
Connexion rapide

Interconector
interconnector
Interconnecteur

CARRIL / TRACK / RAIL

Carril / Track / Rail

Perfil / Profile / Profile

3000 (mm) 2 X 35/49

3598 (mm) 3 X 28/54

25 X 67,2 (mm)

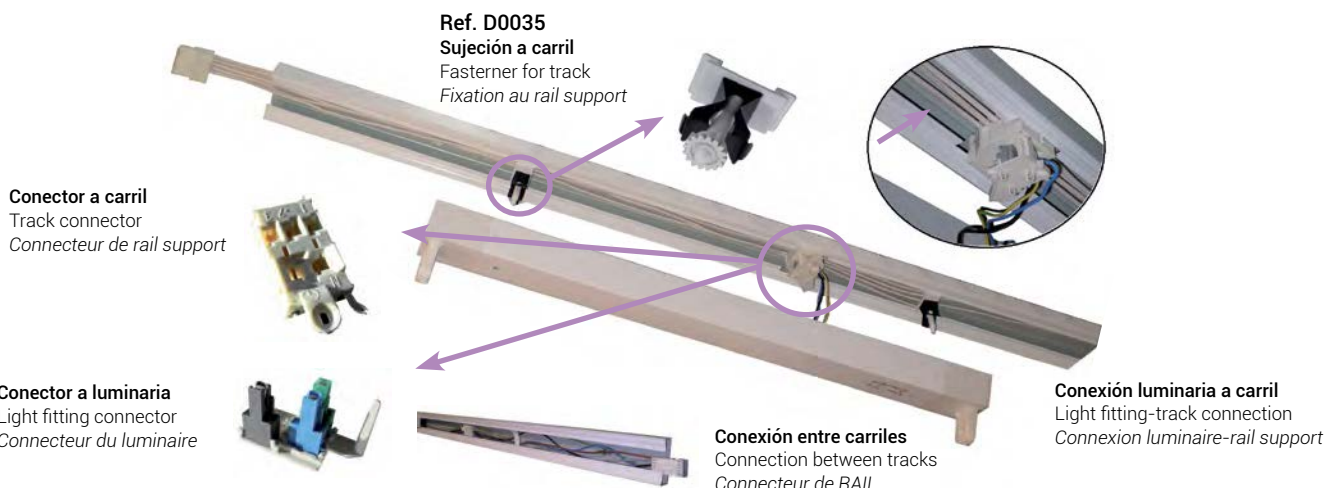


Ref.

Ref.

D0783

D0784



3 polos / 3 poles / 3 pôles (L, N, T)

5 polos / 5 poles / 5 pôles (L, N, T,+,-)

Ref.D0785

Ref. D0786



Ref.

D0070

D0034

D0064

D0191

Tapa ciega de A.B.S.
Track cap on A.B.S.
Couvercle en A.B.S.

Tapa final de carril de chapa 25x64
End cap for lacquered steel track 25x64
Embout final du rail support d'acier 25x64

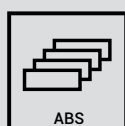
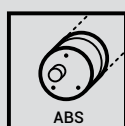
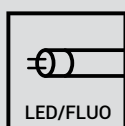
Empalme a carril
Track joint
Pièce de liason des rails support

Fijación carril a perfil techo desmontable
Track fastener to removable ceiling profile
Fixation de carril au profil du plafond démontable

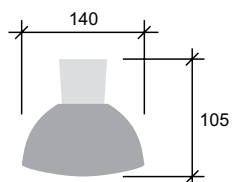


3.4

SUPERDELTA



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP20

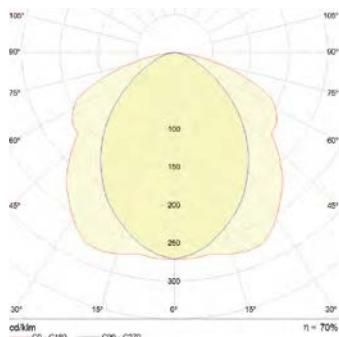
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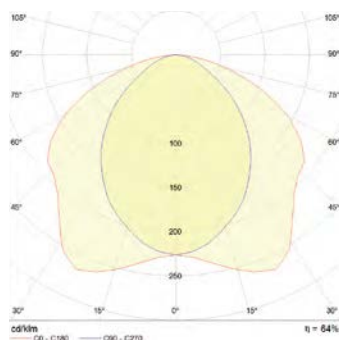
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G13/T8



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| D0336 | 15 W | ■ | 471 |
| D0349 | 18 W | ■ | 624 |
| D0433 | 18 W | ● | 624 |
| D0337 | 30 W | ■ | 928 |
| D0350 | 36 W | ■ | 1.233 |
| D0434 | 36 W | ● | 1.233 |
| D0351 | 58 W | ■ | 1.534 |
| D0435 | 58 W | ● | 1.534 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| D0319 | 15 W | ■ | 471 |
| D0352 | 18 W | ■ | 624 |
| D0439 | 18 W | ● | 624 |
| D0338 | 30 W | ■ | 928 |
| D0353 | 36 W | ■ | 1.233 |
| D0440 | 36 W | ● | 1.233 |
| D0354 | 58 W | ■ | 1.534 |
| D0441 | 58 W | ● | 1.534 |

■ Electrónica / Electronic / Électronique

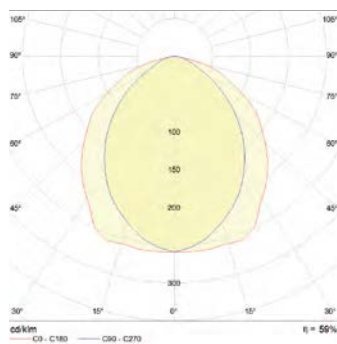
● Regulable / Dimmable / Gradable

3.4

SUPERDELTA

1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G5/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0401 | 14 W | ■ | 587 |
| D0407 | 14 W | ● | 587 |
| D0402 | 21 W | ■ | 887 |
| D0408 | 21 W | ● | 887 |
| D0403 | 28 W | ■ | 1.187 |
| D0409 | 28 W | ● | 1.187 |
| D0404 | 35 W | ■ | 1.487 |
| D0410 | 35 W | ● | 1.487 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| D0420 | 24 W | ■ | 587 |
| D0423 | 24 W | ● | 587 |
| D0405 | 39 W | ■ | 887 |
| D0411 | 39 W | ● | 887 |
| D0421 | 49 W | ■ | 1.487 |
| D0424 | 49 W | ● | 1.487 |
| D0406 | 54 W | ■ | 1.187 |
| D0412 | 54 W | ● | 1.187 |
| D0422 | 80 W | ■ | 1.487 |
| D0425 | 80 W | ● | 1.487 |

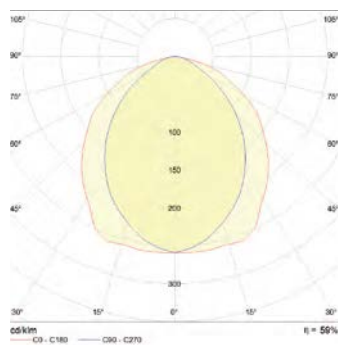
IP20

CE

EN 60598-1

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES

G5/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0442 | 14 W | ■ | 587 |
| D0451 | 14 W | ● | 587 |
| D0443 | 21 W | ■ | 887 |
| D0452 | 21 W | ● | 887 |
| D0444 | 28 W | ■ | 1.187 |
| D0453 | 28 W | ● | 1.187 |
| D0445 | 35 W | ■ | 1.487 |
| D0454 | 35 W | ● | 1.487 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| D0446 | 24 W | ■ | 587 |
| D0455 | 24 W | ● | 587 |
| D0447 | 39 W | ■ | 887 |
| D0456 | 39 W | ● | 887 |
| D0448 | 49 W | ■ | 1.487 |
| D0457 | 49 W | ● | 1.487 |
| D0449 | 54 W | ■ | 1.187 |
| D0458 | 54 W | ● | 1.187 |
| D0450 | 80 W | ■ | 1.487 |
| D0459 | 80 W | ● | 1.487 |

ACCESORIOS SUPERDELTA / SUPERDELTA ACCESORIES / ACCESSOIRES SUPERDELTA

Detalle de montaje
Assembly detail
Détail du montage



Lama / Louvre / Grille

| T8 | | T5 | |
|----------|-------|----------|-------|
| Mod. (W) | Ref. | Mod. (W) | Ref. |
| 15 | D0326 | 14-24 | D0332 |
| 18 | D0327 | 21-39 | D0333 |
| 30 | D0329 | 28-54 | D0334 |
| 36 | D0330 | 35-80 | D0335 |
| 58 | D0331 | | |

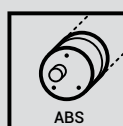
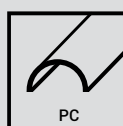
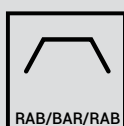
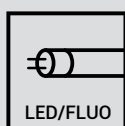
Tapa final / End cap / Embout

Ref. D0325

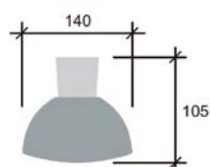
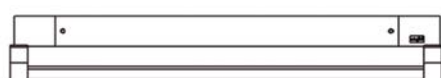
| |
|--------------|
| 1-10 DALI |
|--------------|

3.5

DECO



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IP20

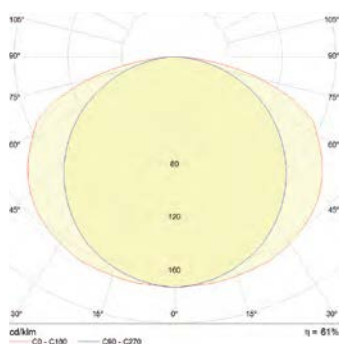
CE

EN 60598-1



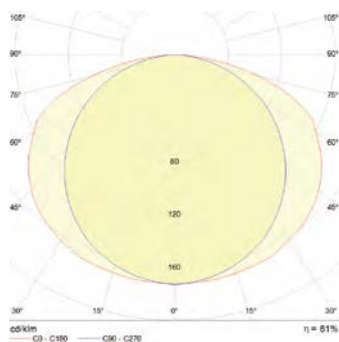
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G13/T8



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| D0825 | 18 | ■ | 624 |
| D0831 | 18 | ● | 624 |
| D0826 | 36 | ■ | 1.233 |
| D0834 | 36 | ● | 1.233 |
| D0827 | 58 | ■ | 1.534 |
| D0835 | 58 | ● | 1.534 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Length Longueur |
|-------|--------------------------------|--------------------------------|-----------------------------|
| | (W) | | (mm) |
| D0828 | 18 | ■ | 624 |
| D0836 | 18 | ● | 624 |
| D0829 | 36 | ■ | 1.233 |
| D0839 | 36 | ● | 1.233 |
| D0830 | 58 | ■ | 1.534 |
| D0840 | 58 | ● | 1.534 |

■ Electrónica / Electronic / Électronique

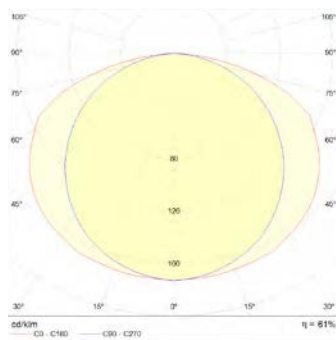
● Regulable / Dimmable / Gradable

3.5

DECO

1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

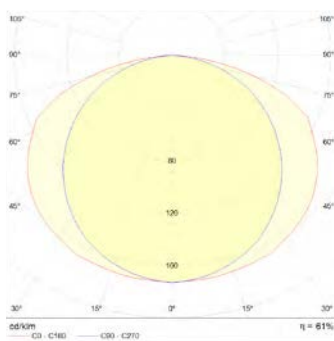
G5/T5



| Ref. | Potencia Watts <i>Puissance</i> (W) | Equipo Equipment <i>Ballast</i> | Largo Length <i>Longueur</i> (mm) |
|---|--|---------------------------------------|--|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0850 | 14 | ■ | 587 |
| D0851 | 14 | ● | 587 |
| D0852 | 21 | ■ | 887 |
| D0853 | 21 | ● | 887 |
| D0854 | 28 | ■ | 1.187 |
| D0855 | 28 | ● | 1.187 |
| D0856 | 35 | ■ | 1.487 |
| D0857 | 35 | ● | 1.487 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| D0858 | 24 | ■ | 587 |
| D0859 | 24 | ● | 587 |
| D0860 | 39 | ■ | 887 |
| D0861 | 39 | ● | 887 |
| D0862 | 49 | ■ | 1.487 |
| D0863 | 49 | ● | 1.487 |
| D0864 | 54 | ■ | 1.187 |
| D0865 | 54 | ● | 1.187 |
| D0866 | 80 | ■ | 1.487 |
| D0867 | 80 | ● | 1.487 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES

G5/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0868 | 14 | ■ | 587 |
| D0869 | 14 | ● | 587 |
| D0870 | 21 | ■ | 887 |
| D0871 | 21 | ● | 887 |
| D0872 | 28 | ■ | 1.187 |
| D0873 | 28 | ● | 1.187 |
| D0874 | 35 | ■ | 1.487 |
| D0875 | 35 | ● | 1.487 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| D0876 | 24 | ■ | 587 |
| D0877 | 24 | ● | 587 |
| D0878 | 39 | ■ | 887 |
| D0879 | 39 | ● | 887 |
| D0880 | 49 | ■ | 1.487 |
| D0881 | 49 | ● | 1.487 |
| D0882 | 54 | ■ | 1.187 |
| D0883 | 54 | ● | 1.187 |
| D0884 | 80 | ■ | 1.487 |
| D0885 | 80 | ● | 1.487 |

ACCESORIOS DECO / DECO ACCESORIES / ACCESSOIRES DECO

Tapa final / End cap / Embout

Ref. D0841

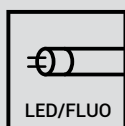
1-10
DALI

Difusor / Diffuser / Diffuseur

| T8 | | T5 | |
|----------|-------|----------|-------|
| Mod. (W) | Ref. | Mod. (W) | Ref. |
| 18 | D0842 | 14-24 | D0846 |
| 36 | D0844 | 21-39 | D0847 |
| 58 | D0845 | 28-54 | D0848 |
| | | 35-80 | D0849 |

3.6

METALLIC



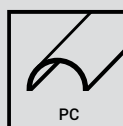
LED/FLUO



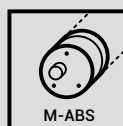
AP/LS/AL



RAB/BAR/RAB



PC

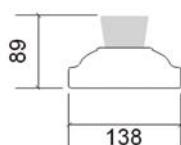
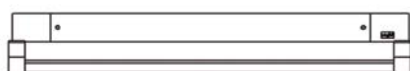


M-ABS



AL
BRIGHTNESS

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP20

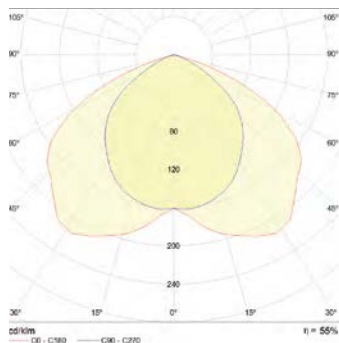
CE

EN 60598-1



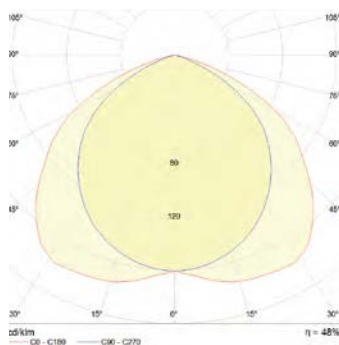
1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G13/T8



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| D0925 | 18 | ■ | 624 |
| D0931 | 18 | ● | 624 |
| D0926 | 36 | ■ | 1.233 |
| D0932 | 36 | ● | 1.233 |
| D0927 | 58 | ■ | 1.534 |
| D0933 | 58 | ● | 1.534 |

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| D0928 | 18 | ■ | 624 |
| D0934 | 18 | ● | 624 |
| D0929 | 36 | ■ | 1.233 |
| D0935 | 36 | ● | 1.233 |
| D0930 | 58 | ■ | 1.534 |
| D0936 | 58 | ● | 1.534 |

■ Electrónica / Electronic / Électronique

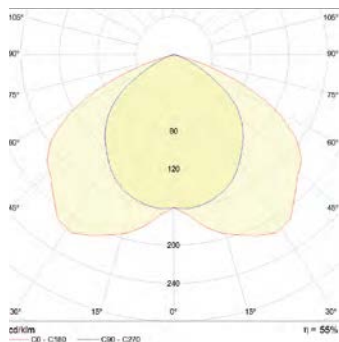
● Regulable / Dimmable / Gradable

3.6

METALLIC

1 TUBO FLUORESCENTE / 1 LAMP / 1 LAMP

G5/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0937 | 14 | ■ | 587 |
| D0955 | 14 | ● | 587 |
| D0938 | 21 | ■ | 887 |
| D0956 | 21 | ● | 887 |
| D0939 | 28 | ■ | 1.187 |
| D0957 | 28 | ● | 1.187 |
| D0940 | 35 | ■ | 1.487 |
| D0958 | 35 | ● | 1.487 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| D0941 | 24 | ■ | 587 |
| D0959 | 24 | ● | 587 |
| D0942 | 39 | ■ | 887 |
| D0960 | 39 | ● | 887 |
| D0943 | 49 | ■ | 1.487 |
| D0961 | 49 | ● | 1.487 |
| D0944 | 54 | ■ | 1.187 |
| D0962 | 54 | ● | 1.187 |
| D0945 | 80 | ■ | 1.487 |
| D0963 | 80 | ● | 1.487 |

■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

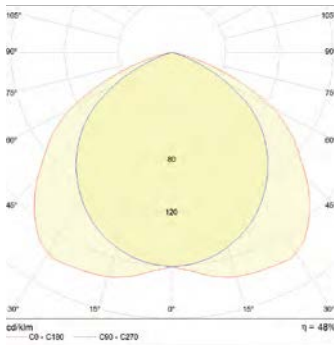
IP20

CE

EN 60598-1

2 TUBOS FLUORESCENTES / 2 LAMPS / 2 LAMPES

G5/T5



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Length Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| D0946 | 14 | ■ | 587 |
| D0964 | 14 | ● | 587 |
| D0947 | 21 | ■ | 887 |
| D0965 | 21 | ● | 887 |
| D0948 | 28 | ■ | 1.187 |
| D0966 | 28 | ● | 1.187 |
| D0949 | 35 | ■ | 1.487 |
| D0967 | 35 | ● | 1.487 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| D0950 | 24 | ■ | 587 |
| D0968 | 24 | ● | 587 |
| D0951 | 39 | ■ | 887 |
| D0969 | 39 | ● | 887 |
| D0952 | 49 | ■ | 1.487 |
| D0970 | 49 | ● | 1.487 |
| D0953 | 54 | ■ | 1.187 |
| D0971 | 54 | ● | 1.187 |
| D0954 | 80 | ■ | 1.487 |
| D0972 | 80 | ● | 1.487 |

ACCESORIOS METALLIC / METALLIC ACCESORIES / ACCESSOIRES METALLIC

Tapa final / End cap / Embout

Ref. D0901

EMERGENCY
1h / 3h

Lama aluminio / Aluminium louvre / Grille aluminium

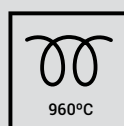
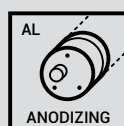
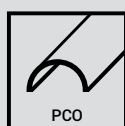
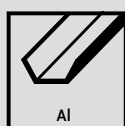
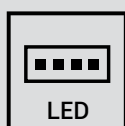
| T8 | | T5 | |
|----------|-------|----------|-------|
| Mod. (W) | Ref. | Mod. (W) | Ref. |
| 1X18 | D0909 | 1X14-24 | D0905 |
| 1X36 | D0903 | 1X21-39 | D0906 |
| 1X58 | D0904 | 1X28-54 | D0907 |
| 2X18 | D0910 | 1X35-80 | D0908 |
| 2X36 | D0911 | 2X14-24 | D0913 |
| 2X58 | D0912 | 2X21-39 | D0914 |
| | | 2X28-54 | D0915 |
| | | 2X35-80 | D0916 |

■ Electrónica / Electronic / Électronique

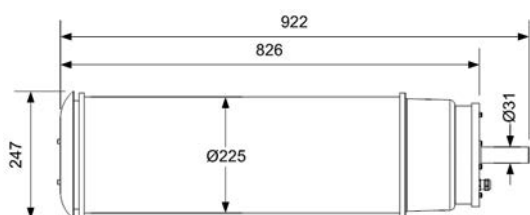
● Regulable / Dimmable / Gradable

3.7

EXTREME LED



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG1

MACADAM

3/4

UGR
<19

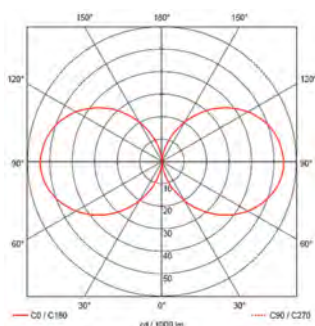
CR>80

L70B50
>
50.000

IP20

CE

EN 60598-1



| Ref. | Potencia Watts Puissance | Emisión Emission Émission | Largo Length Longueur | Superficie iluminada Illuminated surface Surface éclairé |
|-------|--------------------------------|------------------------------|-----------------------------|---|
| | (W) | (Lm) | (mm) | (m ²) |
| EXT01 | 735 | 52.000 | | 2.400 |

Montaje 1' / Quick start 1' / Montage 1'
Iluminación 360° / 360° Lighting / Éclairage 360°
No deslumbramiento / Non glare / Non éblouissant

ACCESORIOS EXTREME / EXTREME ACCESORIES / ACCESSOIRES EXTREME



Trípode / Tripod / Trépied

Ref. EXT10

3.8

CUADRO DE APLICACIONES / APPLICATIONS CHART / TABLEAU DES APPLICATIONS

| | Técnica Technical Technique |
|--|---|
| Accesos de pública concurrencia Crowded public access Accès publics à forte densité | MINIDELTA, DECO, METALLIC |
| Aulas de enseñanza Classrooms Salles de classe | DECO, DELTA, METALLIC, MINIDELTA, SUPERDELTA |
| Comercios y escaparates Shops and shop windows <i>Commerces et vitrines</i> | DELTA, SUPERDELTA, MINIDELTA, CARRIL LED |
| Iluminación portátil, iluminación de emergencia, eventos Portable lighting, Emergency lighting, Events lighting <i>Éclairage portable, Illumination d'urgence, Éclairage des événements</i> | EXTREME LED |
| Naves industriales Warehouses <i>Entrepôts industriels</i> | CARRIL LED, DELTA |
| Oficinas Offices <i>Bureaux</i> | SUPERDELTA, METALLIC, DECO |
| Supermercados Supermarkets <i>Supermarchés</i> | MINIDELTA, SUPERDELTA |



TABLEAU D'APPLICATIONS



































ILUMINACIÓN RESIDENCIAL

RESIDENTIAL LIGHTING / ÉCLAIRAGE RÉSIDENTIEL



 **airfal**
INTERNATIONAL

| | | | | |
|-----|---|--|--|-------|
| 4.1 |  | CYLINDRIC IP40 IK07 Tubo LED/fluorescente |    | / 218 |
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| 4.8 |  | MODELO 1 IP42 Tubo LED/Fluorescente |    | / 234 |
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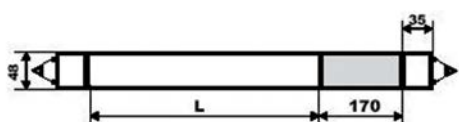
4.1

CYLINDRIC



*Tubo fluorescente Incluido / Tubo fluorescente incluido / Tubo fluorescente incluido.

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



ACCESORIOS ACCESORIES / ACCESSOIRES

Tubo fluorescente tono 840 incluido. Cable de conexión incorporado con enchufe. Dos tubos fluorescentes tono 840 incluidos. Una tapa sellada.

Fluorescent tube tone 840 included. Built-in connection cable with plug. Two 840 tone fluorescent tubes included. A sealed lid.

Tube fluorescent ton 840 inclus. Câble de connexion intégré avec prise. Deux tubes fluorescents 840 inclus. Un couvercle scellé.



IT - DE



IP40

IK07

CE

EN 60598-1



G5/T5

| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Lenght Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| C0501 | 14 W | ■ | 550 |
| C0502 | 21 W | ■ | 850 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| C0503 | 24 W | ■ | 550 |

■ **Electrónica** / Electronic / Électronique

ACCESORIOS CYLINDRIC / CYLINDRIC ACCESORIES / ACCESSOIRES CYLINDRIC

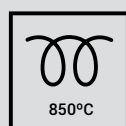
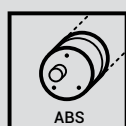
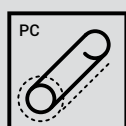
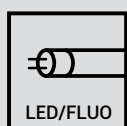


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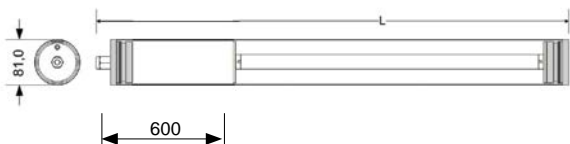
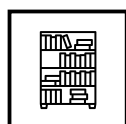
Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier

4.2

CYLINDRIC+



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP67

IK07

CE

EN 60598-1



G5/T8

| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Lenght Longueur (mm) |
|-------|---------------------------------------|--------------------------------|-------------------------------------|
| C0505 | 18 W | ■ | 1.313 |
| C0506 | 36 W | ■ | 1.923 |
| C0507 | 58 W | ■ | 2.228 |

G5/T5

| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Lenght Longueur (mm) |
|---|---------------------------------------|--------------------------------|-------------------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| C0508 | 14 W | ■ | 1.280 |
| C0509 | 21 W | ■ | 1.570 |
| C0510 | 28 W | ■ | 1.880 |
| C0511 | 35 W | ■ | 2.200 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| C0512 | 24 W | ■ | 1.280 |
| C0513 | 39 W | ■ | 1.570 |
| C0514 | 49 W | ■ | 2.200 |
| C0515 | 54 W | ■ | 1.880 |
| C0516 | 80 W | ■ | 2.200 |

■ Electrónica / Electronic / Électronique

ACCESORIOS CYLINDRIC+ / CYLINDRIC+ ACCESORIES / ACCESSOIRES CYLINDRIC+



Ref. C0504

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier



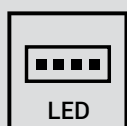
Q0155

Brida de policarbonato
Polycarbonate clamps
Colliers en polycarbonate



4.3

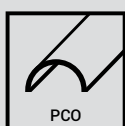
MIRROR LED



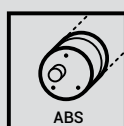
LED



AP/LS/AL

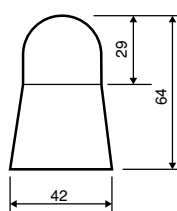
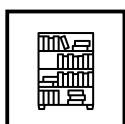


PCO



ABS

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

RG1

MACADAM
3/4

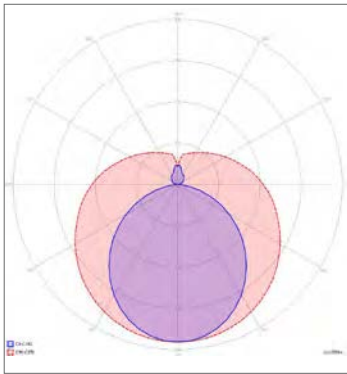
UGR
<19

CR>80

L70B50
>
50.000

IP44

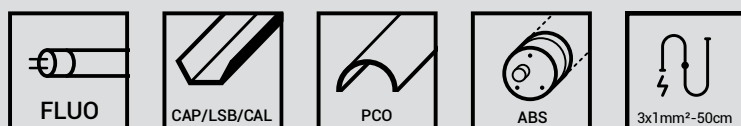
CE
EN 60598-1



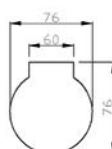
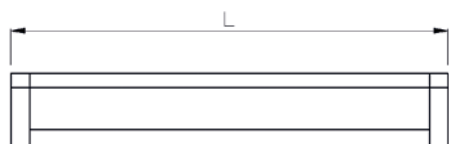
| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Embalaje Packaging Emballage |
|-------|-----------------------------|--------------------------------|--|--|-------------------------------------|-----------------------------|------------------------|------------------------------------|
| | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | | |
| MI113 | 600 | 13 | 1490 | 1243 | 3000 | 635 | 42 | 1 |
| MI114 | 600 | 13 | 1550 | 1293 | 4000 | 635 | 42 | 1 |
| MI123 | 600 | 16 | 2560 | 2136 | 3000 | 635 | 42 | 1 |
| MI124 | 600 | 16 | 2670 | 2227 | 4000 | 635 | 42 | 1 |
| MI213 | 1200 | 24 | 2980 | 2486 | 3000 | 1198 | 42 | 1 |
| MI214 | 1200 | 24 | 3200 | 2669 | 4000 | 1198 | 42 | 1 |
| MI223 | 1200 | 32 | 5120 | 4271 | 3000 | 1198 | 42 | 1 |
| MI224 | 1200 | 32 | 5340 | 4455 | 4000 | 1198 | 42 | 1 |
| MI313 | 1500 | 29 | 3720 | 3103 | 3000 | 1498 | 42 | 1 |
| MI314 | 1500 | 29 | 4000 | 3337 | 4000 | 1498 | 42 | 1 |
| MI323 | 1500 | 40 | 6310 | 5264 | 3000 | 1498 | 42 | 1 |
| MI324 | 1500 | 40 | 6700 | 5589 | 4000 | 1498 | 42 | 1 |

4.4

MODULAR



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG1

MACADAM

3/4

UGR
<19

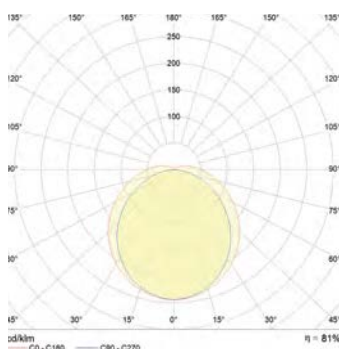
CR>80

L70B50
>
50.000

IP44

CE

EN 60598-1



| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Embalaje Packaging Emballage |
|------|-----------------------------|--------------------------------|---|---|-------------------------------------|-----------------------------|------------------------|------------------------------------|
| | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | |
| M007 | 600 | 13 | 1490 | 1202 | 3000 | 623 | 76 | 1 |
| M001 | 600 | 13 | 1550 | 1251 | 4000 | 623 | 76 | 1 |
| M008 | 600 | 16 | 2560 | 2066 | 3000 | 623 | 76 | 1 |
| M002 | 600 | 16 | 2670 | 2155 | 4000 | 623 | 76 | 1 |
| M009 | 1200 | 24 | 2980 | 2405 | 3000 | 1232 | 76 | 1 |
| M003 | 1200 | 24 | 3200 | 2582 | 4000 | 1232 | 76 | 1 |
| M010 | 1200 | 32 | 5120 | 4132 | 3000 | 1232 | 76 | 1 |
| M004 | 1200 | 32 | 5340 | 4309 | 4000 | 1232 | 76 | 1 |
| M011 | 1500 | 29 | 3720 | 3002 | 3000 | 1479 | 76 | 1 |
| M005 | 1500 | 29 | 4000 | 3228 | 4000 | 1479 | 76 | 1 |
| M012 | 1500 | 40 | 6310 | 5092 | 3000 | 1479 | 76 | 1 |
| M006 | 1500 | 40 | 6700 | 5407 | 4000 | 1479 | 76 | 1 |

Ref +G o Ref+A para modelo color gris o blanco

Ref+G o Ref+A for grey or white model

Ref+G o Ref+A pour gris ou blanc modele

ACCESORIOS MODULAR / MODULAR ACCESORIES / ACCESSOIRES MODULAR

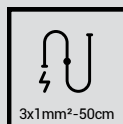
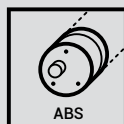
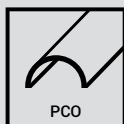
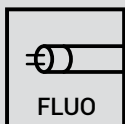
LÍNEA CONTINUA M0180 Y LÍNEA CONTINUA DE CABECERA M0190
CONTINUOUS LINE M0180 AND INITIAL CONTINUOUS LINE M0190
CÂBLAGE TRAVERSANT M0180 ET CÂBLAGE TRAVERSANT EN TÊTE M0190

Unión
Union
Union
C120B

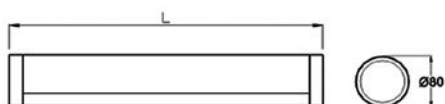
EMERGENCY
1h / 3h

4.5

SMART



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG1

MACADAM
3/4

UGR
<19

CR>80

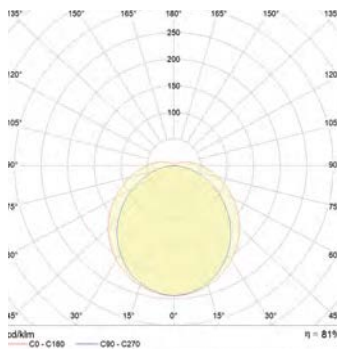
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IP44

CE
EN 60598-1



G13/T8



Ref +G o Ref+A para modelo color gris o blanco
Ref+G o Ref+A for grey or white model
Ref+G o Ref+A pour gris ou blanc modele

| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Embalaje Packaging Emballage |
|------|-----------------------------|--------------------------------|--|--|-------------------------------------|-----------------------------|------------------------|------------------------------------|
| | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | |
| MO27 | 600 | 13 | 1490 | 1202 | 3000 | 623 | 80 | 1 |
| MO21 | 600 | 13 | 1550 | 1251 | 4000 | 623 | 80 | 1 |
| MO28 | 600 | 16 | 2560 | 2066 | 3000 | 623 | 80 | 1 |
| MO22 | 600 | 16 | 2670 | 2155 | 4000 | 623 | 80 | 1 |
| MO29 | 1200 | 24 | 2980 | 2405 | 3000 | 1232 | 80 | 1 |
| MO23 | 1200 | 24 | 3200 | 2582 | 4000 | 1232 | 80 | 1 |
| MO30 | 1200 | 32 | 5120 | 4132 | 3000 | 1232 | 80 | 1 |
| MO24 | 1200 | 32 | 5340 | 4309 | 4000 | 1232 | 80 | 1 |
| MO31 | 1500 | 29 | 3720 | 3002 | 3000 | 1479 | 80 | 1 |
| MO25 | 1500 | 29 | 4000 | 3228 | 4000 | 1479 | 80 | 1 |
| MO32 | 1500 | 40 | 6310 | 5092 | 3000 | 1479 | 80 | 1 |
| MO26 | 1500 | 40 | 6700 | 5407 | 4000 | 1479 | 80 | 1 |

ACCESORIOS SMART / SMART ACCESORIES / ACCESSOIRES SMART

Ref. C0504

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier



LÍNEA CONTINUA MO180 Y LÍNEA CONTINUA DE CABECERA MO190
CONTINUOUS LINE MO180 AND INITIAL CONTINUOUS LINE MO190
CÂBLAGE TRAVERSANT MO180 ET CÂBLAGE TRAVERSANT EN TÊTE MO190

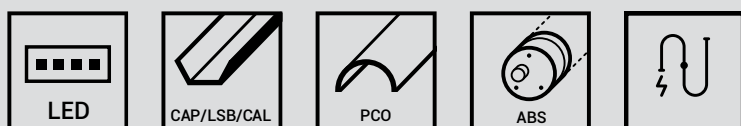
Unión
Union
Union
N120B

1-10
DALI

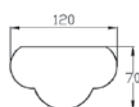
EMERGENCY
1h / 3h

4.6

MODULAR DELUXE



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG1

MACADAM

3/4

UGR
<19

CR>80

L70B50
>
50.000

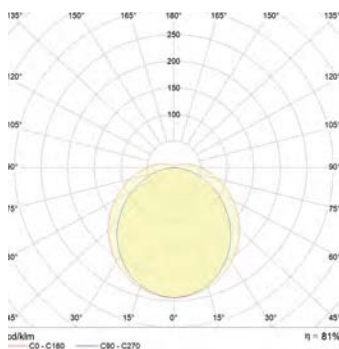
IP44

CE

EN 60598-1



G13/T8



Ref +G o REF+A para modelo color gris o blanco

Ref+G o Ref+A for grey or white model

Ref+G o Ref+A pour gris ou blanc modele

| Ref. | Tamaño Size Dimension | Potencia Power Puissance | Emisión bruta Gross output Flux de la source | Emisión neta Net output Flux sortant | Tª color Tª colour Tª couleur | Largo Length Longueur | Ancho Wide Large | Embalaje Packaging Emballage |
|------|-----------------------------|--------------------------------|--|--|-------------------------------------|-----------------------------|------------------------|------------------------------------|
| | | (W) | (Lm) | (Lm) | (°K) | (mm) | (mm) | |
| M047 | 600 | 13 | 1490 | 1243 | 3000 | 628 | 120 | 6 |
| M041 | 600 | 13 | 1550 | 1293 | 4000 | 628 | 120 | 6 |
| M048 | 600 | 16 | 2560 | 2136 | 3000 | 628 | 120 | 6 |
| M042 | 600 | 16 | 2670 | 2227 | 4000 | 628 | 120 | 6 |
| M049 | 1200 | 24 | 2980 | 2486 | 3000 | 1238 | 120 | 6 |
| M043 | 1200 | 24 | 3200 | 2669 | 4000 | 1238 | 120 | 6 |
| M050 | 1200 | 32 | 5120 | 4271 | 3000 | 1238 | 120 | 6 |
| M044 | 1200 | 32 | 5340 | 4455 | 4000 | 1238 | 120 | 6 |
| M051 | 1500 | 29 | 3720 | 3103 | 3000 | 4000 | 120 | 6 |
| M045 | 1500 | 29 | 4000 | 3337 | 4000 | 4000 | 120 | 6 |
| M052 | 1500 | 40 | 6310 | 5264 | 3000 | 6700 | 120 | 6 |
| M046 | 1500 | 40 | 6700 | 5589 | 4000 | 6700 | 120 | 6 |

ACCESORIOS MODULAR / MODULAR ACCESORIES / ACCESSOIRES MODULAR

Ref. C0504

Suspensión con cable de acero

Steel cable suspension

Suspension avec câble en acier



LÍNEA CONTINUA MO180 Y LÍNEA CONTINUA DE CABECERA MO190
CONTINUOUS LINE MO180 AND INITIAL CONTINUOUS LINE MO190
CÂBLAGE TRAVERSANT MO180 ET CÂBLAGE TRAVERSANT EN TÊTE MO190

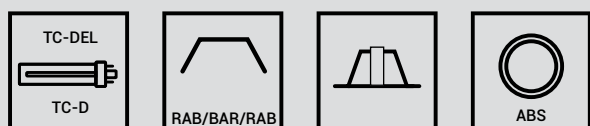
Unión
Union
Union

1-10
DALI

EMERGENCY
1h / 3h

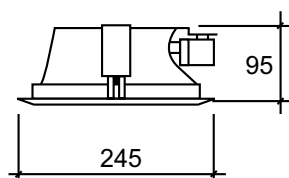
4.7

DOWNLIGHTS



NOT INCLUDED

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP42

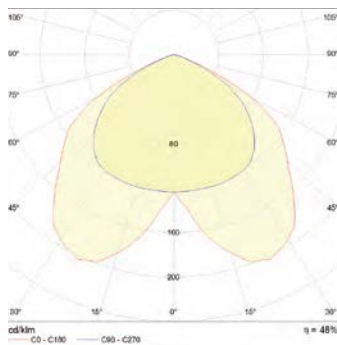
CE

EN 60598-1



DOWNLIGHT 245 ø
1 LÁMPARA / 1 LAMP / 1 LAMPE

G24 D/TC-D



| Ref. | Potencia Power Puissance (W) | Equipo Equipment Ballast |
|------|---------------------------------------|--------------------------------|
| K320 | 1x 18 W | ■ |
| K324 | 1x 26 W | ■ |
| K360 | 2x13 W | ■ |
| K328 | 2x18 W | ■ |
| K003 | 2x18 W | ● |
| K332 | 2x26 W | ● |
| K005 | 2x26 W | ● |

■ **Electrónica / Electronic / Électronique** ● **Regulable / Dimmable / Gradable**





DOWNLIGHT

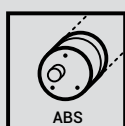
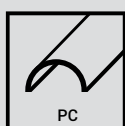
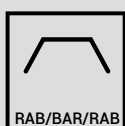
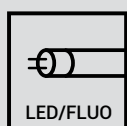
Showroom, Zaragoza, España
Showroom, Zaragoza, Spain
Showroom, Saragosse, Espagne

4.8

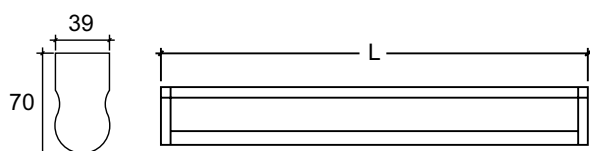
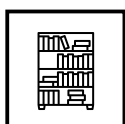
MODELO 1 / MODEL 1 / MODÈLE 1



| Color Colour Couleur | RAL | Ref. |
|----------------------------|------|------|
| | 6018 | V |
| | 9010 | B |
| | 1021 | A |
| | 3000 | R |
| | 9011 | N |
| | 9006 | G |



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



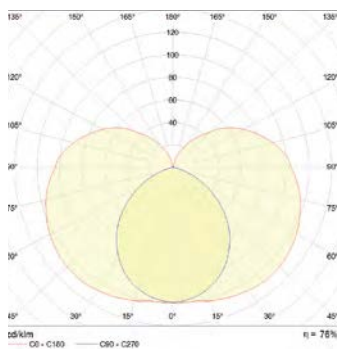
IP42

CE

EN 60598-1

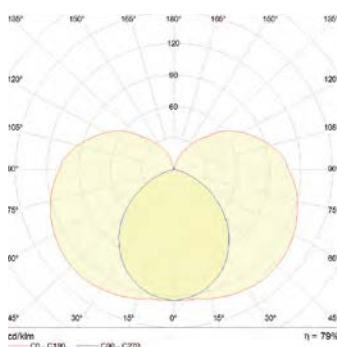


G13/T8



| Ref. | Potencia Watts Puissance (W) | Equipo Equipment Ballast | Largo Lenght Longueur (mm) |
|------|---------------------------------------|--------------------------------|-------------------------------------|
| A112 | 18 | ■ | 658 |
| A136 | 18 | ● | 658 |
| A116 | 36 | ■ | 1.266 |
| A140 | 36 | ● | 1.266 |
| A120 | 58 | ■ | 1.566 |
| A144 | 58 | ● | 1.566 |

G5/T5



| Ref. | Potencia Watts Puissance | Equipo Equipment Ballast | Largo Lenght Longueur |
|---|--------------------------------|--------------------------------|-----------------------------|
| Alta Eficacia / High Efficiency / Haute Efficacité | | | |
| A163 | 14 | ■ | 579 |
| A169 | 14 | ● | 579 |
| A164 | 21 | ■ | 879 |
| A170 | 21 | ● | 879 |
| A165 | 28 | ■ | 1.179 |
| A171 | 28 | ● | 1.179 |
| A166 | 35 | ■ | 1.479 |
| A172 | 35 | ● | 1.479 |
| Alto Rendimiento / High Output / Flux Élevé | | | |
| A167 | 39 W | ■ | 879 |
| A173 | 39 W | ● | 879 |
| A168 | 54 W | ■ | 1.179 |
| A174 | 54 W | ● | 1.179 |

■ Electrónica / Electronic / Électronique

● Regulable / Dimmable / Gradable

4.8

MODELO 1 / MODEL 1 / MODÈLE 1

CLASE II / CLASS II / CLASSE II



| Modelo / Model / Modèle | Ref. |
|---|-------|
| Conversión Clase II / Class II conversion | A6000 |

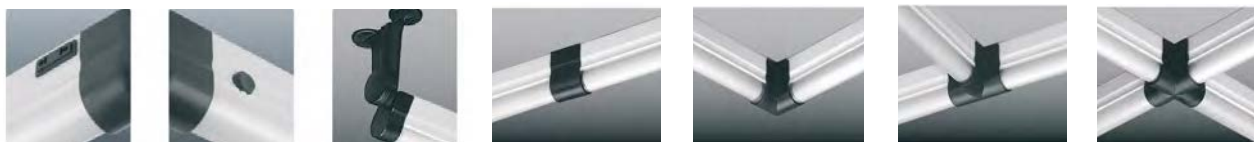
ACCESORIOS MODELO 1 / MODEL 1 ACCESSORIES / ACCESSOIRES MODÈLE 1



| T8 | Ref. | A0540 | A0550 | A0570 | A0580 | A0590 |
|----|------|-------|-------|-------|-------|-------|
| | Mod. | 15 W | 18 W | 30 W | 36 W | 58 W |

Difusor
Diffuser
Diffuseur

| T8 | Ref. | A1570 | A1580 | A1590 | A1600 | A1610 | A1620 |
|----|------|-------|-------|-------|-------|-------|-------|
| | Mod. | 14 W | 21 W | 28 W | 35 W | 39 W | 54 W |



| Ref. | A086 | A148 | A111 | A050 | A051 | A052 | A053 |
|------|---------------------------------------|---------------------------------------|--|---|---|--|--|
| | Interruptor Switch Interrupteur | Enchufe Socket Prise de courant | Soporte giratorio Revolving support Support tournant | Adaptador línea continua Continuity adapter Adaptateur ligne continue | Adaptador ángulo Angle adapter Adaptateur angle | Adaptador "T" "T" adapter Adaptateur "T" | Adaptador "X" "X" adapter Adaptateur "X" |

| Color Colour Couleur | RAL | Ref. |
|----------------------------|------|------|
| | 9010 | B |
| | 9011 | N |

IP44

CE

EN 60598-1

ACCESORIOS SUSPENSIÓN / SUSPENSION ACCESSORIES / ACCESSOIRES DE SUSPENSION



Cuerpo superior
Upper body
Corps supérieur

| | | | | | | |
|----|------|------|------|------|------|------|
| T8 | Ref. | A098 | A099 | A101 | A102 | A102 |
| | Mod. | 15 W | 18 W | 30 W | 36 W | 58 W |

| | | | | | | | |
|----|------|------|------|------|------|------|------|
| T5 | Ref. | A175 | A176 | A177 | A178 | A179 | A180 |
| | Mod. | 14 W | 21 W | 28 W | 35 W | 39 W | 54 W |

| | | | | |
|------|---|---|--|--|
| Ref. | A105 | A106 | A107 | A108 |
| Mod. | Tija 250 mm Stem 250 mm Tige 250 mm | Tija 500 mm Stem 500 mm Tige 500 mm | Tija 1000 mm Stem 1000 mm Tige 1000 mm | Tija 1500 mm Stem 1500 mm Tige 1500 mm |



Tija de tubo
Tube stem
Tige de tube



Ref. A0970

Adaptador cuerpo superior
Upper body adapter
Adaptateur corps supérieur



A087

Adaptador superior final
Final upper adapter
Adaptateur supérieur final



A089

Adaptador superior continuo
Continuous upper adapter
Adaptateur supérieur continue



A091

Adaptador superior ángulo
Angle upper adapter
Adaptateur supérieur angle



Ref. A0970

Adaptador superior "T"
"T" upper adapter
Adaptateur supérieur "T"



A087

Adaptador superior "X"
"X" upper adapter
Adaptateur supérieur "X"



A089

Cable de acero
Steel cable
Câble en acier



A091

Suspensiones extensibles
Extendable suspensions
Suspensions extensibles

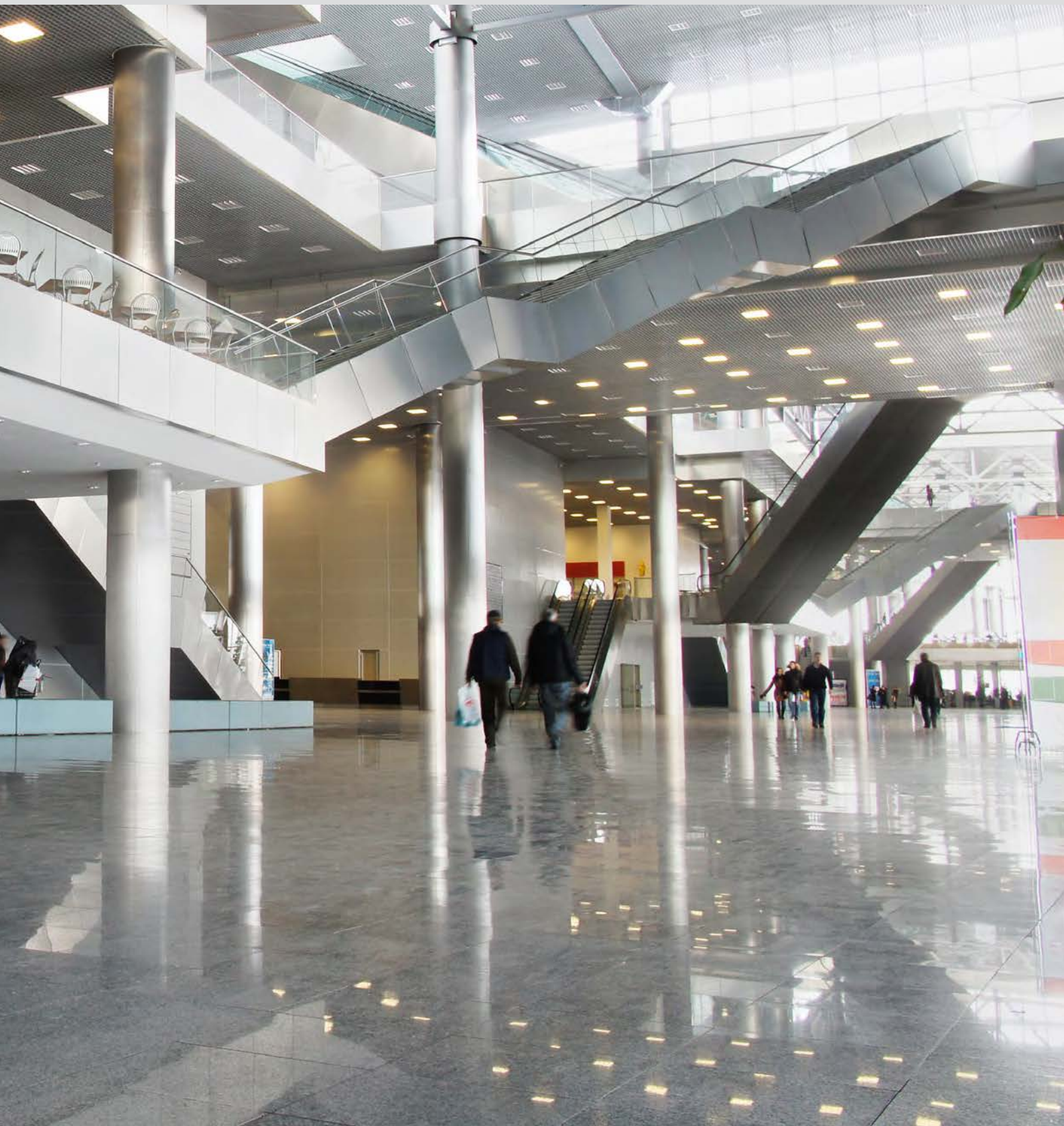
4.9

CUADRO DE APLICACIONES / APPLICATIONS CHART /

| | |
|---|---|
| | Residencial Residential <i>Résidentiel</i> |
| Accesos de pública concurrencia Crowded public access <i>Accès publics à forte densité</i> | CYLINDRIC + MIRROR LED SMART |
| Aulas de enseñanza Classrooms <i>Salles de classe</i> | DOWNLIGHTS MODULAR DELUXE |
| Comercios y escaparates Shops and shop windows <i>Commerces et vitrines</i> | DOWNLIGHTS |
| Salones de eventos Event rooms <i>Salons des événements</i> | CYLINDRIC |
| Oficinas Offices <i>Bureaux</i> | DOWNLIGHTS MODULAR SMART |
| Supermercados Supermarkets <i>Supermarchés</i> | DOWNLIGHTS SMART |
| Mobiliario residencial Residential furniture <i>Meubles résidentiels</i> | MIRROR LED CYLINDRIC |



TABLEAU D'APPLICATIONS







TR3 OPAL / MATTE / OPALE

Parking Serrano Park, Madrid, España
Serrano Park parking, Madrid, Spain
Parking Serrano Park, Madrid, Espagne

airfal
INTERNATIONAL



airfal
INTERNATIONAL

5.1 KITS DE EMERGENCIA
EMERGENCY KIT
ÉCLAIRAGE DE SECOURS

5.1

KITS DE EMERGENCIA / EMERGENCY KIT / ÉCLAIRAGE D

MODOS DE PROTECCIÓN / PROTECTION MODES / MODES DE PROTECTION

| Modelo Model Modèle | Portalámparas Lampholder Douille | Portalámparas Lampholder Douille |
|--|--|--|
| Delta, Superdelta, Modelo M, Deco, Metallic, TR2, TR3, Secure, Resist, Cobra y Nevada, | T8: Desde / From / À partir de 18 W T5: Desde / From / À partir de 14 W | T8: Desde / From / À partir de 30 W T5: Desde / From / À partir de 21 W |
| Supra T8 y Supra T5 | T8: Desde / From / À partir de 18 W T5: Desde / From / À partir de 14 W | T8: Desde / From / À partir de 36 W T5: Desde / From / À partir de 28 W |
| Minidelta y Modelo 1 | T8: Desde / From / À partir de 30 W T5: Desde / From / À partir de 21 W | T8: Desde / From / À partir de 30 W T5: Desde / From / À partir de 21 W |
| Downlight, TR4, Compact, TR1, Tunnel, Pyros, Vitra y Chemical | Todas / All / Tous | Todas / All / Tous |

| | Wattios Watts Puissance | Rendimiento Efficiency Rendement | Autonomía Autonomy Autonomie |
|---------|-------------------------------|--|------------------------------------|
| OEM02 | T8 - 18 | 27% | 1 h. |
| | T8 - 36 | 22% | 1 h. |
| | T8 - 58 | 20% | 1 h. |
| OEM04 | T8 - 18 | 18% | 1 h. |
| | T8 - 36 | 9% | 1 h. |
| | T8 - 58 | 6% | 1 h. |
| | T5 - 14 | 20% | 1 h. |
| | T5 - 21 | 18% | 1 h. |
| | T5 - 24 | 18% | 1 h. |
| | T5 - 28 | 12% | 1 h. |
| | T5 - 35 | 9% | 1 h. |
| | T5 - 39 | 9% | 1 h. |
| | T5 - 49 | 7% | 1 h. |
| | T5 - 54 | 6% | 1 h. |
| T5 - 49 | 4% | 1 h. | |
| OEM05 | T8 - 18 | 12% | 3 h. |
| | T8 - 36 | 10% | 2 h. |
| | T8 - 58 | 9% | 1,5 h. |
| OEM06 | MODULOS LED | CONSULTAR | 1/3 h. |

DE SECOURS

IK0 Z7

CE

IP40

CLASE I



| | | |
|-----|---|-------|
| 6.1 | CONDICIONES DE VENTA CONDITIONS GÉNÉRALES DE VENTE <i>DONNÉES TECHNIQUES</i> | / 248 |
| 6.2 | INDICE DE REFERENCIAS INDEX OF REFERENCES <i>INDEX DES RÉFÉRENCES</i> | / 254 |

6.1

CONDICIONES GENERALES DE VENTA

CONDICIONES GENERALES DE VENTA

1. Las condiciones de venta son para mercancía puesta en nuestra fábrica en Zaragoza, por consiguiente, los riesgos de transporte son por cuenta del comprador.
2. Para pedidos superiores a 600 € netos los portes serán a nuestro cargo, excepto en Bases y Esferas que viajarán siempre a portes debidos. Para los pedidos fuera de la Península, para que las mercancías viajen a portes pagados serán de una cuantía superior a 750 €.
3. El pedido mínimo será de 50 €. En caso de no alcanzar dicha cantidad se cobrarán 20 € por gastos de gestión.
4. Tubos protectores siempre cantidades según embalaje.
5. Reclamaciones:
 - a) Como consecuencia del transporte: Se aceptarán en un plazo máximo de las 24 horas siguientes a la recepción de la mercancía, acompañando fotocopia del albarán de la Agencia de Transporte en el que constará la incidencia de rotura, mal estado, etc...
 - b) Como consecuencia de faltas numéricas: Se aceptarán en un plazo máximo de las 24 horas siguientes al día de recepción.
6. Devoluciones:

Pasados 15 días de la recepción de una mercancía, el cliente no podrá realizar ninguna clase de reclamación ni devolución de las mismas.

No se aceptan devoluciones de material, salvo previo acuerdo y autorización por nuestra parte, efectuadas por escrito.

Los aparatos devueltos sólo se abonarán, como máximo, con el 80% de su valor en factura. Los portes de la devolución correrán por parte del cliente.

7. Este catálogo anula a todos los anteriores.

La información publicada en este catálogo ha sido cuidadosamente recopilada y es suficientemente precisa para la gran mayoría de las aplicaciones. Sin embargo, debido al continuo desarrollo y mejora en nuestros productos, pueden introducirse modificaciones en el material, diseño, especificaciones técnicas y homologaciones sin previo aviso.

Por todo ello, los esquemas deben ser tomados únicamente como referencia y recomendamos confirmar dimensiones antes de realizar el pedido.

8. AIRFAL INTERNATIONAL garantiza que sus luminarias están libres de defectos de fabricación desde la fecha de fabricación, durante un periodo de dos años.

Esta garantía está condicionada al apropiado almacenamiento, instalación y mantenimiento del producto. Esta garantía no es aplicable a cualquier producto que no haya sido instalado de acuerdo con la Reglamentación Eléctrica aplicable, los Estándares de Seguridad de AENOR, los estándares definidos por la ISO, y cualquier otra legislación local aplicable. Esta garantía no cubre los daños en cualquier luminaria debidos al abuso, mal uso, esfuerzos excesivos o fuera de lo normal y condiciones de operación para los que no está diseñada cada luminaria, así como contra sobre tensiones o instalación no adecuada. Todas las luminarias deben probarse antes de su instalación definitiva.

Esta garantía solo es aplicable al comprador original o en su caso al

primer usuario final. Si un producto cubierto por esta garantía presenta cualquier defecto de fabricación, deberá ponerse en contacto con nuestro departamento de Calidad / Soporte Técnico para seguir el procedimiento que marca nuestro Servicio de Garantía. El Departamento de Calidad indicará al cliente los pasos a seguir.

CONDICIONES GENERALES DE GARANTÍA DE PRODUCTO

AIRFAL INTERNATIONAL S.L. garantiza el funcionamiento de sus productos contra cualquier defecto en los materiales y mano de obra empleados para su fabricación de forma estándar durante DOS años desde la fecha de suministro. Se ofrece de forma adicional una extensión legal obligatoria de 6 meses (Ley 23/2003) contando desde la fecha de suministro para compensar posibles demoras por almacenamiento.

De forma adicional AIRFAL INTERNATIONAL ofrece una garantía adicional de CINCO (5) años para componentes LED (Módulos y drivers) que tengan una vida media estimada por el fabricante de 50000 o más horas.

Igualmente, el período de garantía de la reparación o reposición de productos AIRFAL INTERNATIONAL S.L. se extiende a los 2 ó 5 años especificados en esta extensión de la Garantía legal.

Para hacer efectiva dicha garantía se deberá tramitar la correspondiente reclamación, por escrito, a nuestro departamento Calidad-Gestión de incidencias.

Nuestra garantía incluye la reparación, reposición, o cambio del producto y/o componentes sin cargo alguno para el cliente, excluyendo mano de obra, así como los gastos de transporte derivados del cumplimiento de garantía.

1. Cobertura de Garantía.

La presente garantía cubre si se cumplen las siguientes condiciones:

- 1.1.- El producto suministrado se utiliza conforme a las especificaciones de la Ficha Técnica, relativas tanto al Producto como a su empleo.
- 1.2.- Las prestaciones luminosas (flujo) de sus productos LED durante el período de garantía se mantendrán según los datos técnicos ofrecidos en la ficha técnica del módulo led utilizado en cada luminaria admitiendo una tolerancia del 5 %.
- 1.3.- Para productos instalados en exterior una utilización máxima anual media de 4.000 horas y que se utilicen respetando las especificaciones técnicas y las instrucciones de instalación.
- 1.4.- Si el producto ha estado funcionando en el rango de temperatura ambiente especificado en su correspondiente ficha técnica.
- 1.5.- Si la instalación y/o montaje del Producto se han realizado conforme a las instrucciones que acompañan al Producto, y por personal técnico especializado.
- 1.6.- Si el Producto no se ha expuesto a cargas mecánicas no conformes a su uso previsto.
- 1.7.- En lo referente a los equipos electrónicos, si el producto se ha instalado con lámparas conformes a las especificaciones IEC correspondientes y en vigor en el momento de la adquisición. En el caso de utilizar lámparas o fuentes de luz especiales, se deberá consultar a AIRFAL INTERNATIONAL S.L. antes de la adquisición del producto.

1.8.- Si el Cliente conserva el Producto que ha resultado presuntamente defectuoso en el estado en que se encuentre (incluida la lámpara) durante todo el tiempo que sea necesario para que AIRFAL INTERNATIONAL S.L. pueda llevar a cabo las comprobaciones necesarias en relación a los problemas o defectos encontrados. NO se atenderán reclamaciones de productos que hayan sufrido cualquier modificación, alteración en su cableado o mecanización de cualquiera de sus partes.

1.9.- Si el presunto defecto, debidamente especificado y comprobado en su naturaleza y entidad, ha sido comunicado por escrito por el Cliente a AIRFAL INTERNATIONAL S.L. en un plazo máximo de treinta (30) días tras su descubrimiento.

1.10.- Si el Cliente ha pagado regularmente el Producto, de acuerdo con las condiciones de pago establecidas con AIRFAL INTERNATIONAL S.L.

1.11.- Si el producto ni ninguna de sus partes han sido reparados, sustituidos, ajustados, sellados o modificados en cualquiera de sus partes por el cliente ni por ninguna otra persona sin la autorización previa y por escrito de AIRFAL INTERNATIONAL S.L.

2. La Garantía no será válida en relación a:

2.1.- Los defectos del Producto debidos a eventos imprevistos e impredecibles, fortuitos y/o de fuerza mayor (incluyendo descargas eléctricas, rayos, averías en la red...), que excluyan al proceso de fabricación del Producto como origen de los mismos.

**Si el producto se instala en un ambiente o entorno químicamente agresivo, se informará previamente a AIRFAL INTERNATIONAL S.L. por escrito, que indicará las precauciones a tener en cuenta, así como las acciones periódicas de mantenimiento.*

2.2.- Los defectos derivados de descargas eléctricas, transitorios, y cualquier otro fenómeno eléctrico derivado de posibles perturbaciones con origen en la alimentación eléctrica de la luminaria, incluidos los contemplados en la norma IEC 61000-4-5 (EMC). Esta garantía NO cubrirá ningún producto que integre equipos electrónicos instalados en una red eléctrica con un THD superior al 10%. (1)

2.3.- Los gastos que se deriven de la reparación del defecto (por ej., los gastos de montaje o desmontaje, el transporte del Producto defectuoso y del Producto reparado o nuevo, gastos de disposición, gastos de manutención y alojamiento, dispositivos de elevación o andamiaje); dichos gastos irán a cargo del Cliente.

2.4.- Las partes sujetas a desgaste, como por ejemplo las lámparas.

2.5.- Fallo súbito igual o menor al diez por ciento (10 %) de la cifra total del número de semiconductores LED (con redondeo a la unidad más próxima) de un producto durante el periodo de garantía.

2.6.- Fallo súbito igual o menor del cinco por ciento (5 %) de la cifra total de Drivers en luminarias LED (con redondeo a la unidad más próxima) de un producto durante el periodo de garantía.

2.7.- Sistemas de control adicionales no suministrados por AIRFAL INTERNATIONAL S.L., tales como elementos de mando y control, sensores, interfaces etc...

2.8.- Piezas, elementos y accesorios añadidos al producto no suministrados por AIRFAL INTERNATIONAL S.L. con posterioridad a su entrega.

2.9.- Desgaste normal del producto.

2.10.- Uso de detectores de presencia. AIRFAL INTERNATIONAL S.L.

no recomienda el uso de detectores de presencia con corte de alimentación en luminarias fluorescentes. En el caso de usarlos, la garantía del producto no cubrirá ninguna luminaria cuyo tiempo de funcionamiento sea inferior a 20 minutos de encendido por detección. El detector deberá actuar sobre la fase, nunca sobre el neutro. Cortar el neutro origina sobretensiones que causan averías en los balastos.

En caso de que los Productos presentaran defectos cubiertos por esta declaración de Garantía, y siempre que se verifiquen las condiciones establecidas, AIRFAL INTERNATIONAL S.L. podrá proceder, a su discreción, a la reparación y/o sustitución de los mismos con productos iguales o equivalentes, de acuerdo con los avances tecnológicos que se hayan producido respecto a los originales.

Además, AIRFAL INTERNATIONAL S.L. cubrirá eventuales gastos derivados del cambio de luminarias en obra hasta un máximo de 10 minutos de mano de obra por punto de luz.

El Cliente no tendrá ningún otro derecho a reclamar a AIRFAL INTERNATIONAL S.L. en relación con el Producto defectuoso. En particular, no podrán debitarse a AIRFAL INTERNATIONAL S.L. eventuales gastos de conservación del Producto defectuoso / viciado, ni ninguna otra indemnización o resarcimiento de daños; el Cliente tampoco tendrá derecho a reclamar y/o pretender aplazamientos en los pagos.

(1) La creciente sofisticación y complejidad de los equipos de alimentación y control de las luminarias, hace que a la vez sean más sensibles a perturbaciones eléctricas de todo tipo. Por ello, las luminarias equipadas con módulos led que sean fabricadas a petición del cliente con aislamiento Clase II y por lo tanto sin conexión de tierra, al carecer de este importantísimo conductor de protección, NO pueden ser garantizadas durante 5 años como el resto (Clase I).

(2) Las luminarias equipadas con tubos LED, estarán sujetas a dos diferentes condiciones de garantía:

i. Con tubos LED suministrados por AIRFAL. En este caso, la garantía será la del tubo suministrado, usualmente, dos años.

ii. Si se suministran preparadas para tubos led no suministrados por AIRFAL, la garantía quedará sujeta a las características del tubo utilizado por el cliente. En ningún caso AIRFAL será responsable de fallos de funcionamiento del tubo led utilizado por el cliente, ni de daños en la luminaria causados por el tubo mismo.

6.1

GENERAL SALES TERMS

GENERAL SALES TERMS

1. The sales terms apply to merchandise EXWORKS Zaragoza, therefore, the transport risks are accountable to the buyer.
2. The minimum order is 50€. In case of not reaching this quantity, 20€ will be charged as order expenses.
3. Protective tube quantities will always have to be ordered by complete boxes.
4. Claims:
 - a) As a consequence of transport: Will be accepted in a maximum period of 24 hours following reception of the merchandise, accompanied by photocopy of the Transport Delivery Note in which it will state the brakeage, bad condition, etc.
 - b) As a consequence of missing pieces: Will be accepted in a maximum period of 24 hours following date of reception.

5. Returns:

Passed 15 days of merchandise reception, the customer will not be able to make any kind of claim or return.

Merchandise returns will not be accepted, except previous agreement and authorization by our part, stated in writing.

6. This catalogue cancels all previous ones.

The information published in this catalogue has been carefully collected and is sufficiently precise for most of applications. However, due to the continuing developing and improving of our products, modifications can be introduced in the materials, design, technical specifications and certifications without previous notice.

For all this, the measurements must be only taken as a reference and we recommend confirming dimensions before placing orders.

7. AIRFAL INTERNATIONAL, S.L. guarantees that its light fixtures are free of manufacturing defects and labor employed for its producing in a standard manner during TWO years from supply date.

This guaranty is conditioned to the proper stocking, installation and maintenance of the product. This guaranty is not applicable to any product that hadn't been installed in accordance with the applicable Electrical Norms, the AENOR Safety standards, the ISO defined standards, and other applicable local legislation. This guaranty does not cover damage in any light fixture due to misuse, excessive force or out of the ordinary and operating conditions that each luminaire is not designed for, as well as against overload or inadequate installation. All luminaries must be tested before final installation.

This guaranty is only applicable to the original buyer or in its case to the first final user. If a guaranty covered product presents any manufacturing defect, contact must be made to our Technical/Quality Department to follow the procedure marked by our Guaranty Service. The Quality Department will indicate to the client the steps to take.

GENERAL PRODUCT WARRANTY CONDITIONS

AIRFAL INTERNATIONAL S.L. guarantees the performance of its products against any defect in materials and workmanship employed for their standard manufacture for TWO years from the date of delivery. Additionally a mandatory legal extension of 6 months (law 23/2003)

is offered, counting from the date of delivery to compensate possible delays for storage.

Additionally, AIRFAL INTERNATIONAL offers an additional guarantee of five (5) years for LED components (modules and drivers) that have an average estimated life by the manufacturer of 50000 or more hours.

Likewise, the period of warranty of repair or replacement of AIRFAL INTERNATIONAL S.L. products extends to 2 or 5 years specified in this extension of the legal warranty.

To make effective such warranty the corresponding claim shall be processed, in writing, to our Quality-Technical Department.

Our warranty covers the repair, replacement, or change of the product and/or components without charge to the customer, excluding labor, as well as transport costs resulting from the fulfilment of the warranty.

1. Warranty coverage.

The present warranty covers if the following conditions are met:

- 1.1 The supplied product is used in accordance with the technical datasheet specifications, regarding both the product and its use.
- 1.2. The luminous performance (flow) of its LED products during the warranty period will be maintained according to the technical data in the technical datasheet of the led module used in each fixture allowing a tolerance of 5%.
- 1.3. For products installed outdoors an annual maximum utilization average of 4,000 hours and will have to be used according to technical specifications and installation instructions.
- 1.4 If the product has been operating in the temperature range specified on its corresponding technical data sheet.
- 1.5 If the installation and/or assembly of the product has been carried out according to the instructions accompanying the product, and by specialized technical personnel.
- 1.6. If the product has not been exposed to mechanical loads not conforming to its intended use.
- 1.7. In relation to electronic equipment, if the product has been installed with lamps in conformity with the corresponding IEC specifications and valid at the time of purchase. In the case of using special lamps or light sources, consult AIRFAL International S.L. before purchasing the product.
- 1.8. If the customer preserves the product which has been allegedly defective in the state in which it is found (including the lamp) for as long as it is necessary for AIRFAL international S.L. to carry out the necessary verifications in relation to the problems or defects encountered. No claims will be made for products that have undergone any modification, alteration in their wiring or mechanization of any of their parts.
- 1.9. If the alleged defect, duly specified and verified in its nature and entity, has been communicated in writing by the client to AIRFAL International S.L. in a maximum period of thirty (30) days after its discovery.
- 1.10. If the customer has paid the product normally, according to the payment conditions established with AIRFAL International S.L.
- 1.11. If the product or any of its parts have been repaired, replaced,

adjusted, sealed or modified in any part by the customer or by any other person without the prior written permission of AIRFAL International S.L.

2. The warranty will not be valid in relation to:

2.1. The defects of the product due to unforeseen and unpredictable, accidental events and of major force (including lightning, rays, faults in the network...), that excluded the manufacturing process of the product as the source of them.

* If the product is installed in a chemically aggressive environment, AIRFAL INTERNATIONAL S.L. will have to be informed previously in writing, who will indicate the precautions to take into account, as well as periodic maintenance actions"

2.2 The defects resulting from lightning, transient, and any other electrical phenomenon resulting from perturbations with origin in the power supply of the luminaire, including those referred to in the standard IEC 61000-4-5 (EMC). This warranty will not cover any product that integrates electronic equipment installed in an electrical network with a THD greater than 10% (1)

2.3. The costs arising from the repair of the defect (e.g., expenses of installation and/or disassembly, transport of the defective product and the repaired or new product, provision, maintenance and accommodation expenses, scaffolding or lifting devices); such costs shall be payable by the customer.

2.4 The parts subject to wear and tear, such as for example the lamps.

2.5 Sudden failure equal to or less than ten per cent (10%) of the total number of LED semiconductors (rounding to the nearest unit) of a product during the warranty period.

2.6. Sudden failure equal to or less than five percent (5%) of the total number of Drivers in LED luminaires (rounding to the nearest unit) of a product during the period of warranty.

2.7 Additional control systems not supplied by AIRFAL INTERNATIONAL S.L., such as elements of command and control, sensors, interfaces etc...

2.8 Parts, elements and accessories added to the product not supplied by AIRFAL INTERNATIONAL S.L. subsequently to its delivery.

2.9. Normal wear of the product.

2.10 Use of presence detectors. AIRFAL INTERNATIONAL S.L. does not recommend the use of detectors with power cuts in fluorescent lighting fixtures. In the case of using them, the product warranty will not cover any luminaire whose running time is less than 20 minutes from the start detection. The detector must act on the phase, never on the neutral. To cut neutral causes surges that cause faults in the ballasts.

In the case of a product would present defects covered by this warranty declaration, and whenever conditions are verified, AIRFAL INTERNATIONAL S.L. may undertake, at its discretion, the repair and/or replacement of the same or equivalent product, in accordance with the technological advances that have occurred to the original product.

The customer will not have any other right to claim to AIRFAL INTERNATIONAL S.L. in relation to the defective product. In particular, may not debit AIRFAL INTERNATIONAL SL /eventual conservation expenses of the defective product, nor any other indemnity or compensa-

tion for damages. Customer is not entitled to claim or ask for a delay in payment.

(1) The increasing sophistication and complexity of power and control equipment in the luminaires, makes it to be more sensitive to electrical disturbances of all kinds. For this reason, luminaires equipped with led modules that are manufactured at the request of the client with insulation class II and therefore without ground connection, in the absence of this very important protective conductor, can not be guaranteed for 5 years like the rest (class I).

(2) The luminaires fitted with LED tubes, will be subject to two different conditions of warranty:

- i. With LED tubes supplied by AIRFAL. In this case, the warranty will be the one of the supplied tube, usually two years.
- ii. If the luminaire is supplied prepared for led tubes not supplied by AIRFAL, the warranty will be subject to the characteristics of the led tube used by the client. In no case AIRFAL will be responsible for malfunctions of the led tube used by the client, or damage in the fixture caused by the same tube.

6.1

CONDITIONS GÉNÉRALES DE VENTE

CONDITIONS GÉNÉRALES DE VENTE

1. Les conditions générales de vente sont applicables aux marchandises disponibles dans notre usine à Saragosse, par conséquent les risques inhérents au transport sont supportés par l'acheteur.

2. La commande minimum est de 50 €. Pour les commandes inférieures à ce montant, des frais de gestion de 20 € seront facturés.

3. Tubes de protection toujours des quantités en fonction de l'emballage.

4. Réclamations :

a) Détérioration pendant le transport : Toute réclamation devra être effectuée dans les 24 heures suivant la réception de la marchandise, en joignant une photocopie du bon de livraison de l'agence de transport faisant état de la détérioration, du mauvais état, etc.

b) Erreur dans le nombre de produits : Toute réclamation devra être effectuée dans les 24 heures suivant la réception.

5. Retours :

Passé un délai de 15 jours après réception de la marchandise, aucune réclamation ou retour ne sera accepté.

Aucun retour de matériel n'est accepté, sauf accord préalable et autorisation écrite de notre part.

Les appareils retournés seront remboursés à hauteur de maximum 80 % de leur montant facturé. Les frais de retour seront à la charge du client.

6. Ce catalogue annule tous les précédents catalogues.

Les informations publiées dans ce catalogue ont été soigneusement recueillies et sont suffisamment précises pour la plupart des applications. Toutefois, en raison du développement continu et de l'amélioration de nos produits, des modifications peuvent être apportées au matériel, à la conception, aux spécifications techniques et aux homologations, sans préavis.

Par conséquent, les schémas ne doivent être utilisés qu'à titre de référence et nous vous recommandons de confirmer les dimensions avant de passer commande.

7. AIRFAL INTERNATIONAL garantit ses luminaires contre tout défaut de fabrication, à compter de la date de fabrication et ce pour une période de deux ans.

Pour bénéficier de cette garantie, le produit doit être convenablement stocké, installé et entretenu. Cette garantie ne s'applique pas aux produits dont l'installation n'est pas conforme à la réglementation générale applicable aux matériels électriques, aux normes de sécurité AENOR, aux normes définies par l'ISO et à toute autre législation locale applicable. Cette garantie ne couvre pas les dommages causés aux luminaires en raison d'abus, de mauvaise utilisation, de contraintes excessives ou inhabituelles et de conditions d'utilisation autres que celles prévues pour chaque luminaire, ou du fait de surtensions ou d'une installation inappropriée. Tous les luminaires doivent être testés avant leur installation définitive.

Cette garantie s'applique uniquement à l'acheteur original, ou au premier utilisateur final le cas échéant. Si un produit couvert par cette garantie présente un défaut de fabrication, veuillez contacter notre département qualité/support technique pour suivre la procédure éta-

blie par notre service de garantie. Le département qualité vous indiquera les démarches à suivre.

CONDITIONS GÉNÉRALES DE GARANTIE DES PRODUITS

AIRFAL INTERNATIONAL SL garantit le fonctionnement de ses produits contre tout vice au niveau de la main-d'œuvre et du matériel utilisés pour leur fabrication, et ce de manière standard pendant 2 ans à compter de la date de fourniture. Une extension légale obligatoire de 6 mois (loi 23/2003) est proposée en complément à compter de la date de fourniture en vue de compenser les retards éventuels provoqués par l'entreposage.

En outre, la société AIRFAL INTERNATIONAL propose une garantie supplémentaire de 5 ans valable sur tous les composants LED (modules et drivers) dont la durée de vie moyenne estimée par le fabricant s'élève à 50 000 heures ou plus.

De même, la période de garantie des produits AIRFAL INTERNATIONAL SL réparés ou remplacés est étendue à 2 ou 5 ans (en fonction de la nature du composant), comme spécifié dans cette extension de la garantie légale.

Pour faire valoir cette garantie, une réclamation doit être adressée par écrit à notre département Qualité-Gestion des incidents.

Notre garantie comprend la réparation, le remplacement ou le changement du produit et/ou du composant sans frais pour le client, à l'exception des coûts relatifs à la main-d'œuvre ainsi que des frais de transport afférents à l'application de la garantie.

1. Couverture de la garantie

La couverture de cette garantie s'applique lorsque les conditions ci-dessous sont respectées :

1.1.- Le produit fourni est utilisé conformément aux spécifications de la fiche technique relatives au produit ainsi qu'à son utilisation.

1.2.- Les performances lumineuses (flux) des produits LED sont préservées pendant la période de garantie selon les données techniques spécifiées sur la fiche technique du module LED utilisé sur chaque luminaire, avec une tolérance autorisée de 5 %.

1.3.- L'utilisation annuelle moyenne maximale des produits installés à l'extérieur est de 4 000 heures, ces derniers étant utilisés dans le respect des spécifications techniques et des consignes d'installation.

1.4.- Le produit a été mis en fonctionnement dans la plage de température ambiante spécifiée sur la fiche technique.

1.5.- L'installation et/ou le montage ont été réalisés par du personnel technique spécialisé conformément aux consignes fournies avec le produit.

1.6.- Le produit N'A PAS été soumis à des contraintes mécaniques non conformes à l'usage prévu.

1.7.- En ce qui concerne les équipements électroniques, le produit a été installé avec des lampes conformes aux spécifications CEI en vigueur lors de l'acquisition. En cas d'utilisation de lampes ou de sources lumineuses spéciales, il convient de consulter AIRFAL INTERNATIONAL SL avant de procéder à l'achat du produit.

1.8.- Le client conserve le produit présumé défectueux en l'état dans

lequel il se trouve (lampe comprise) pendant toute la durée nécessaire afin qu'AIRFAL INTERNATIONAL SL puisse mener à bien les vérifications pertinentes concernant les problèmes ou les défauts relevés. AUCUNE réclamation déposée au sujet de produits ayant subi des modifications, dont le câblage a été altéré ou dont certaines pièces ont été réusinées NE SERA TRAITÉE.

1.9. - Le défaut présumé, dont la nature et l'ampleur sont convenablement spécifiées et vérifiées, a été communiqué par écrit par le client à AIRFAL INTERNATIONAL SL dans un délai maximum de 30 jours à compter de son constat.

1.10. - Le client a réglé le montant du produit conformément aux conditions de paiement convenues avec AIRFAL INTERNATIONAL SL.

1.11. - Ni le produit ni l'une de ses parties n'ont fait l'objet d'une réparation, d'un remplacement, d'un réglage, d'un scellage ou d'une modification par le client ou par toute autre personne sans l'autorisation écrite préalable d'AIRFAL INTERNATIONAL SL.

2. La garantie ne couvre pas :

2.1. - Les défauts du produit provoqués par des événements imprévisibles et imprévisibles, des situations fortuites et/ou des cas de force majeure (décharges électriques, foudre, pannes du réseau électrique, etc.), dont l'origine ne met pas en cause le processus de fabrication.

*Si le produit est installé dans un environnement ou un milieu chimiquement agressif, la société AIRFAL INTERNATIONAL SL doit en être préalablement tenue informée par écrit afin qu'elle puisse spécifier les précautions à prendre en compte ainsi que les actions de maintenance régulière à réaliser.

2.2. - Les défauts dérivés de décharges électriques, de régimes transitoires et de tout autre phénomène électrique lié à des perturbations potentielles en provenance de l'alimentation électrique du luminaire, y compris les défauts visés dans la norme CEI 61000-4-5 (EMC). Cette garantie NE couvre AUCUN produit intégrant des équipements électroniques installés sur un réseau électrique dont le taux de distorsion harmonique (THD) est supérieur à 10 %. (1)

2.3. - Les coûts afférents à la réparation du défaut (coûts de montage ou de démontage, frais de transport du produit défectueux et du produit réparé ou neuf, frais de mise à disposition, frais de déplacement et de séjour, coûts des dispositifs de levage ou des échafaudages utilisés, etc.), qui sont pris en charge par le client.

2.4. - Les parties soumises à l'usure (lampes, par exemple).

2.5. - Une défaillance soudaine inférieure ou égale à 10 % du nombre total de semi-conducteurs LED (arrondi à l'unité la plus proche) d'un produit pendant la période de garantie.

2.6. - Une défaillance soudaine inférieure ou égale à 5 % du nombre total de drivers de luminaires LED (arrondi à l'unité la plus proche) d'un produit pendant la période de garantie.

2.7. - Les systèmes de commande supplémentaires non fournis par AIRFAL INTERNATIONAL SL tels que les éléments de commande et de contrôle, les capteurs, les interfaces, etc.

2.8. - Les pièces, les éléments et les accessoires ajoutés au produit et non fournis par AIRFAL INTERNATIONAL SL après sa livraison.

2.9. - L'usure normale du produit.

2.10. - L'utilisation de détecteurs de présence. AIRFAL INTERNATIONAL SL ne recommande pas l'emploi de détecteurs de présence pro-

voquant la coupure de l'alimentation de lampes fluorescentes. Si ces derniers sont utilisés, la garantie du produit ne couvre aucun luminaire dont la durée de fonctionnement est inférieure à 20 minutes par détection. Le détecteur doit toujours agir sur la phase et jamais sur le neutre. Une coupure du neutre entraîne en effet des surtensions qui provoquent des pannes au niveau des ballasts.

Dans le cas où les produits présenteraient des défauts couverts par cette déclaration de garantie, et à condition que les conditions établies soient vérifiées, AIRFAL INTERNATIONAL SL peut opter pour la réparation et/ou le remplacement de ces derniers par des produits identiques ou équivalents, sur la base des progrès technologiques survenus par rapport aux produits d'origine.

AIRFAL INTERNATIONAL SL couvre également les coûts éventuels découlant du remplacement sur site des luminaires, et ce à condition que le temps de main-d'œuvre soit inférieur ou égal à 10 minutes par point lumineux.

Le client ne bénéficie d'aucun autre droit de réclamation auprès d'AIRFAL INTERNATIONAL SL pour ce qui est des produits défectueux. Il ne peut notamment pas se diriger à AIRFAL INTERNATIONAL SL pour réclamer le remboursement de frais de conservation éventuels du produit défectueux ou présentant un vice, ni une quelconque indemnisation ou un dédommagement en raison des préjudices. Le client ne peut pas prétendre non plus à un report de paiement.

(1) La sophistication et la complexité de plus en plus poussées des équipements d'alimentation et de commande des luminaires les rendent également plus sensibles aux perturbations électriques de toute nature. Les luminaires équipés de modules LED fabriqués à la demande du client avec une isolation de classe II et, par conséquent, sans raccordement à la terre, NE peuvent donc PAS être garantis pendant une période de 5 ans comme le reste des luminaires (classe I) en raison de l'absence de ce conducteur de protection extrêmement important.

(2) Les luminaires équipés de tubes LED sont assortis de deux conditions de garantie différentes :

i. Tubes LED fournis par AIRFAL. Dans ce cas, la garantie s'étend sur la période de garantie du tube fourni qui est habituellement de 2 ans.

ii. Si les luminaires sont livrés et préparés pour recevoir des tubes LED non fournis par AIRFAL, la garantie est assujettie aux caractéristiques du tube utilisé par le client. La société AIRFAL ne peut jamais être tenue pour responsable des dysfonctionnements du tube LED utilisé par le client ou des dégâts occasionnés par celui-ci sur le luminaire.

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