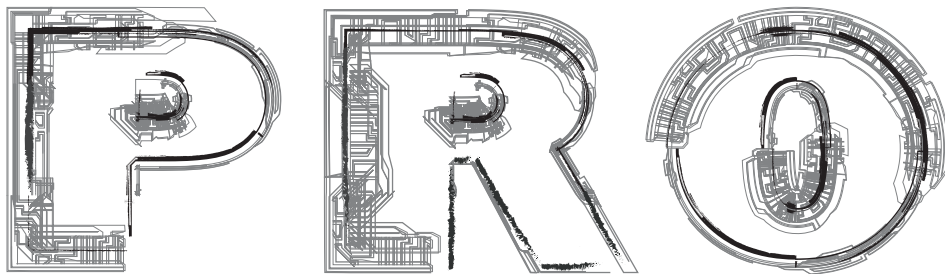


2012
2013



ILUMINACIÓN PROFESIONAL
PROFESSIONAL LIGHTING
ECLAIRAGE TECHNIQUE PROFESSIONNEL

© LOREFAR, 2012

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Mayo / May / Mai 2012

Ignasi Camps Salud
Guillem F-H

LITOSTAMP

**El arquitecto es el hombre sintético, el que es capaz de
ver las cosas en conjunto antes de que estén hechas**

**The architect is the synthetic man, who is able to
see things together before they are made**

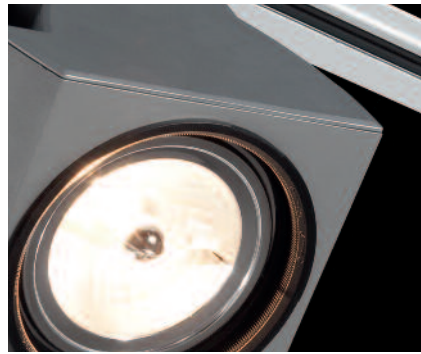
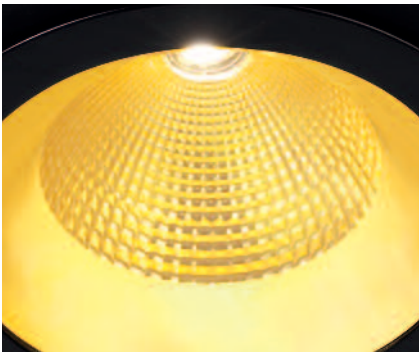
**L'architecte est l'homme de synthèse, qui est capable de
voir les choses ensemble avant qu'ils ne soient**

Antoni Gaudí

faro group

Somos un equipo de personas, con vocación internacional y alta profesionalidad, que cubre todas las fases del negocio de la iluminación y ventilación, desde el diseño y la fabricación, hasta la distribución.

Ofrecemos una oferta integrada y global gracias a nuestras doce líneas de negocio representadas por cinco marcas que, actualmente, conforman nuestro grupo.



ARQUITECTURAL · RETAIL · OFFICE · HOSPITALITY

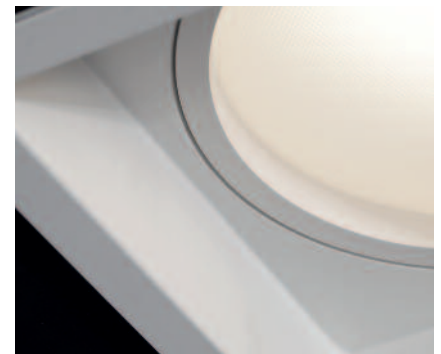
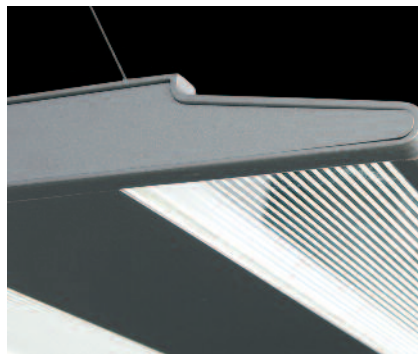
We are a team consisting of people, with international and highly professional profiles, covering all phases of the lighting and fan business, from design and manufacturing to distribution.

We offer a comprehensive and global "package deal" through twelve business lines-represented by six brands-which currently constitute our group.

Nous sommes une équipe de professionnels à visée internationale et nous couvrons toutes les étapes du secteur du luminaire et de la ventilation, depuis la conception et la fabrication jusqu'à la distribution.

Nous proposons une offre intégrée et une présence mondiale grâce à nos douze lignes d'activité représentées par six marques qui constituent actuellement notre groupe.

Le presentamos nuestro nuevo **Catálogo PRO 2012-2013** en el que encontrará una serie de propuestas que han sido seleccionadas minuciosamente para ofrecer soluciones estéticas, eficientes, de fácil instalación y mantenimiento, comprometidas con el medio ambiente.



ART · RESIDENTIAL · RETAIL · HEALTH CARE

Introducing our new **PRO 2012-2013 Catalog**, where you will find a product selection that have been carefully selected to provide aesthetic and efficient solutions which are easy to install and maintain, and which are environmentally friendly.

Nous sommes heureux de de vous presenter notre nouveau **Catalogue PRO 2012-2013**, dans lequel vous trouverez de sélection minutieusement sélectionnés pour vous offrir des solutions esthétiques, efficaces, faciles à installer et à entretenir et respectueuses de l'environnement.

Calidad

Todos los productos contenidos en este catálogo han sido sometidos a numerosos ensayos realizados en el instituto ITACA, laboratorio reconocido a nivel internacional certificando el cumplimiento de las normativas sujetas a la CE.

Igualmente en nuestro propio laboratorio todos los productos se someten a rigurosos ensayos para comprobar la eficacia, la resistencia al uso, los factores medioambientales y se realizan entre otras pruebas, IP, choques eléctricos, choques de impacto (IK), hilo incandescente, resistencia térmica y mecánica, consumos y factores de potencia, garantizando siempre el cumplimiento de las normativas en vigor.



Asesoramiento técnico

Asesoramiento profesional en la selección e instalación de nuestros productos para satisfacer las necesidades concretas de cada proyecto lumínico.



Quality

All the products contained in this catalogue have undergone exhaustive tests made at the ITACA Institute, a laboratory acknowledged world wide, certifying the compliance of the EC standards.

Similarly, at our own laboratory all the projects are subject to strict tests in order to check their efficacy, their resistance to use, environment factors. Among other tests, IP, electrical shock, impact shocks (IK), incandescent wire, thermal and mechanical resistance, consume and power factors are carried out, guaranteeing thus the permanent compliance of the current legal standards.

Qualité

Tous les produits contenus dans ce catalogue ont été soumis à de nombreux essais réalisés par l'institut ITACA, laboratoire reconnu sur le plan international qui certifie le respect des normes CE.

Tous les produits sont aussi soumis à de rigoureux essais dans nos propres laboratoires afin de vérifier la résistance à l'utilisation, les facteurs environnementaux. Entre autres sont réalisés les tests, IP, les chocs électriques, les chocs d'impact (IK), le fil incandescent, la résistance thermique et mécanique, les consommations et les facteurs de puissance, garantissant toujours le respect des normes en vigueur.

Technical support

Professional support in the selection and installation of our products in order to satisfy the concrete needs of each lighting project.

Assistance technique

Conseiller professionnel dans la sélection et installation de nos produits pour satisfaire les besoins de chaque projet de luminaire.

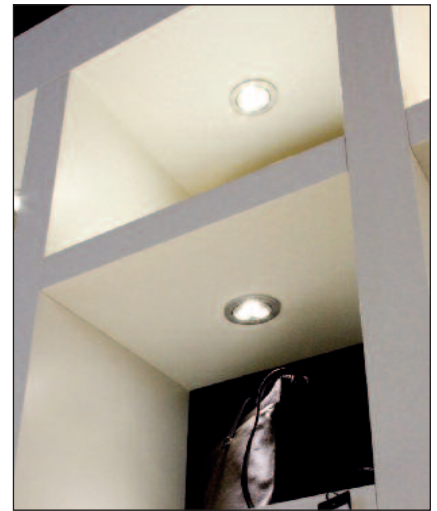
Proyectos

Ofrecemos un servicio personalizado de proyectos que se inicia comprendiendo las necesidades del cliente y culmina con la realización de un proyecto ejecutivo donde distribuimos las luminarias, hacemos cálculos de iluminancias, simulaciones en 3D, estudios de sostenibilidad y amortizaciones. Además, realizamos un seguimiento exhaustivo del proyecto.

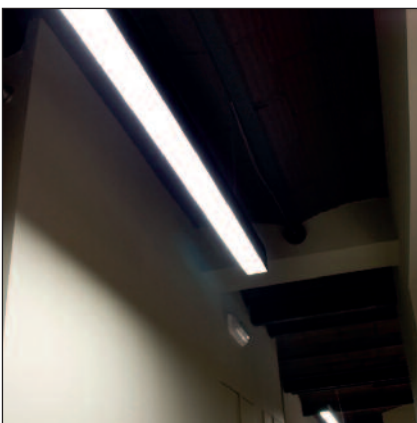
El canal contract tiene unas necesidades específicas y nosotros sabemos cómo satisfacerlas.

Ofrecemos un servicio y una atención totalmente personalizada que culminan con proyectos de calidad que superan las expectativas de nuestros clientes.

Trabajamos para ofrecer soluciones a medida, entendiendo las necesidades particulares de cada cliente, desarrollando proyectos desde su ideación hasta su implementación.



**ANTONIO MIRÓ STORE · AXEL HOTEL · CAN CLOTAS HOTEL · MURMURI HOTEL
CORNELIA & CO RESTAURANT · FONDA ALCALÁ RESTAURANT · UPHOLSTERY STORE · URBAKS STORE
POSADA EL LUCERO HOTEL · RTE MITTEB COFFEE BAR · HOLIFTK HEALTH CARE CENTER**



Project

We offer a personalized service and customized projects that start with understanding customer needs and end with the completion of a final design in which we deliver the lights, perform luminance calculations, design 3D simulations, and carry out sustainability and amortization studies. We also monitor every last detail of the project.

The contract channel has specific needs and we know how to meet them. We offer a totally customized service culminating with quality projects that exceed our clients' expectations.

In our CONTRACT AREA we work to provide customized solutions by grasping the needs of each client and developing projects from conceptualization to implementation.

Projet

Nous proposons un service personnalisé de projets qui commencent par la compréhension des besoins du client et qui prennent fin avec la réalisation d'un projet managérial où nous distribuons les luminaires, nous réalisons les calculs d'éclairage, les simulations en 3D, les études de viabilité et d'amortissement. De plus, nous menons un suivi exhaustif du projet.

Le canal contrat a des besoins spécifiques et nous savons comment les satisfaire. Nous offrons un service et une attention entièrement personnalisés, qui se manifestent par des projets de qualité dépassant les attentes de nos clients.

Dans notre AREA CONTRACT, nous apportons des solutions sur mesure, en comprenant les besoins particuliers de chaque client et en développant des projets, depuis la conceptualisation jusqu'à la mise en oeuvre.

Sistemas empotrables **1**
Downlight system
Système encastrable



2

LYNX empotrable orientable 15 LED

Luminaria LED empotrada de aluminio con 15 LED de alta potencia.

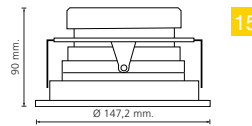
LYNX 15 LED recessed adjustable fixture

Recessed, aluminium LED luminaire with 15 high-power LEDs.

LYNX encastrable orientable 15 LED

Luminaire LED encastré en aluminium avec 15 LED haute puissance.

Información técnica | Technical information | Information technique



3 **6** **7** **8** **9** **10** **11** **12** **13** **NEW** **16**

EPISTAR *

Ref.	5	W	mA	Lm	K	CRI	△x°	16
03070901	○	15 x 1	350	905	2700	82	45	**
03071001	○	15 x 1	350	975	4000	82	45	**

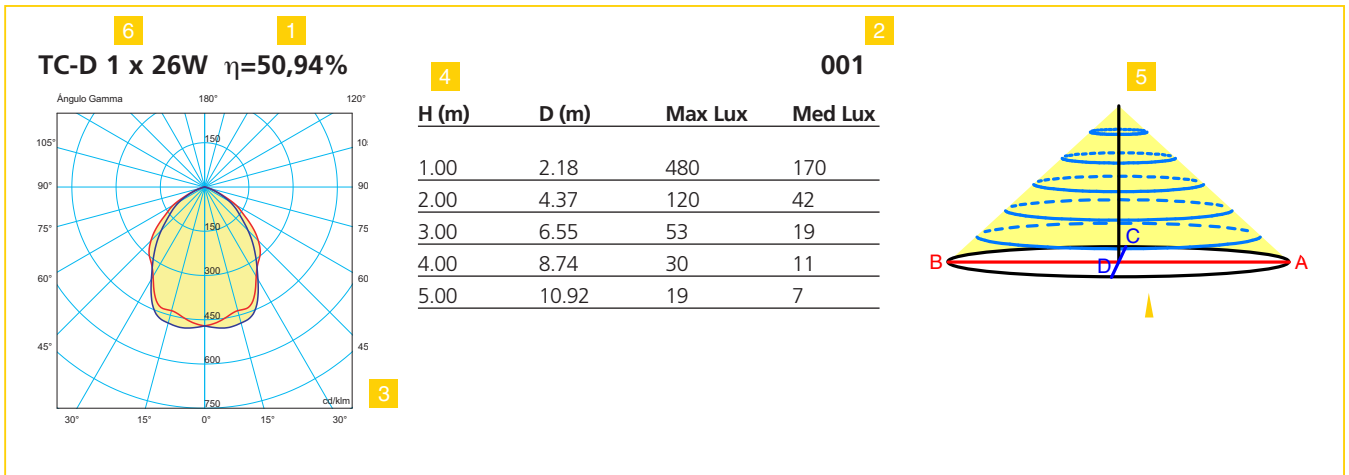
Peso | Weight | Poids: 0,60 Kg.

17 * Lámpara incluida Bulb included Ampoule inclus
** Driver no incluido (Ver pág. 257) Driver not included (See page 257) Driver non incluse (Voir page 257)

Fotométrica | Photometric | Photométrie: Pag. 263

LYNX
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- | | | |
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Chapter.
Chapitre.</p> <p>2 Descripción artículo.
Product description.
Description article.</p> <p>3 Tipo lámpara.
Bulb.
Ampoule.</p> <p>4 Referencia.
Reference.
Référence.</p> <p>5 Acabado.
Finish.
Finition.</p> <p>6 Potencia (Wattios).
Light power (Watts).
Puissance lumineuse (Watts).</p> <p>7 Intensidad (Miliamperios).
Current (Milliamps).
Courant (Milliampères).</p> | <p>8 Flujo luminoso (Lumen).
Luminous flux (Lumen).
Flux lumineux (Lumen).</p> <p>9 Temperatura de color (°K).
Colour temperature (°K).
Température de couleur (°K).</p> <p>10 Índice reproducción cromática.
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Index du rendu des couleurs.</p> <p>11 Ángulo reflector/Óptica.
Beam angle.
Angle de raionnement/Optique.</p> <p>12 Equipo.
Gear.
Ballast.</p> | <p>13 Código curva fotométrica.
Photometric curve code.
Code courbe photométrique.</p> <p>14 Info técnica: IP, clase, taladro, tipología de producto, orientabilidad, hilo incandescente.
Technical info: IP, class, cut-out, product type, orientability, incandescent wire.
Information technique: IP, classe, perçage, typologie du produit, orientabilité, fils incandescent.</p> <p>15 Dibujos técnicos y dimensiones.
Technical drawing and sizes.
Dessins techniques et dimensions.</p> <p>16 Producto nuevo.
New product.
Nouveau produit.</p> <p>17 Lámpara, equipo y fotométricas.
Bulb, gear & photometrics.
Ampoule, équipement et photométriques.</p> |
|--|---|---|



Datos fotométricos

Todos los datos fotométricos mostrados en este catálogo han sido realizados por una ingeniería especializada.

Photometric data

All the photometric data displayed in this catalogue have been made by engineering specialists.

Donées photométriques

Toutes les données photométriques présentées dans ce catalogue ont été réalisées par un cabinet d'ingénierie spécialisée en éclairage.

1 Rendimiento. Efficiency. Rendement	3 Diagrama polar. Polar diagram. Diagramme polaire.	5 Diagrama cónico. Conic diagram. Diagramme conique.
2 Código fotométrica. Photometric code. Code de photométriques.	4 Tabla de valores. Values table. Tabla de valeurs.	6 Lámpara. Bulb. Ampoule.

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Proyectores
Projectors
Projecteurs



NEW

FOKUS
16



NEW

MAGNO HIT-100W

MAGNO
32

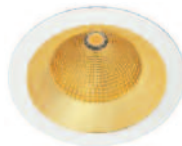


NEW

Empotrable Recessed Encastrer

CARRILES
Y ACCES.
TRACKS
& ACCES.
RAILS
ET ACCES.
43

Empotrables
Downlights
Encastrables



NEW

SOLID
54



NEW

LUX DALI / LUX 1-10V

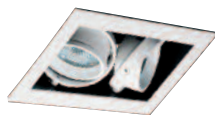
LUX
66



NEW

HORMA DALI / HORMA 1-10V

HORMA
72



FALCON
112

NEW

FALCON Sin marco Without frame
Sans encadrement



MAYER
122



NEW

LYNX
130



KOPEK
162

NEW

KOPEK 3000 K



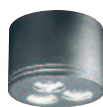
NEW

PLAS / YES
170



PASCAL
180

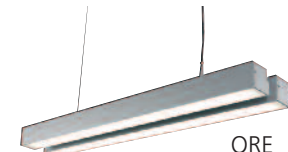
Superficie /
Suspensión
Surface /
Suspended
Apparents /
Suspension



LEK
202



NECKAR
210



ORE
218

NEW

ORE DALI / ORE 1-10V

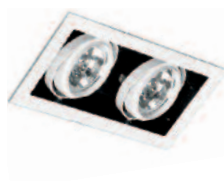
ORE Antideslumbrante
Anti-glare
Anti-çébloussiment



ATOM
80

NEW

ATOM DALI / ATOM 1-10V



GINGKO
92



MORRIS
102

NEW

MORRIS Sin marco Without frame
Sans encadrement



NEW

JUNO
138



KANT
146



NEW

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NEW

OLIMPO SDW



MOTIVE
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NITRO
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ÓLEO
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TIMBAL
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249

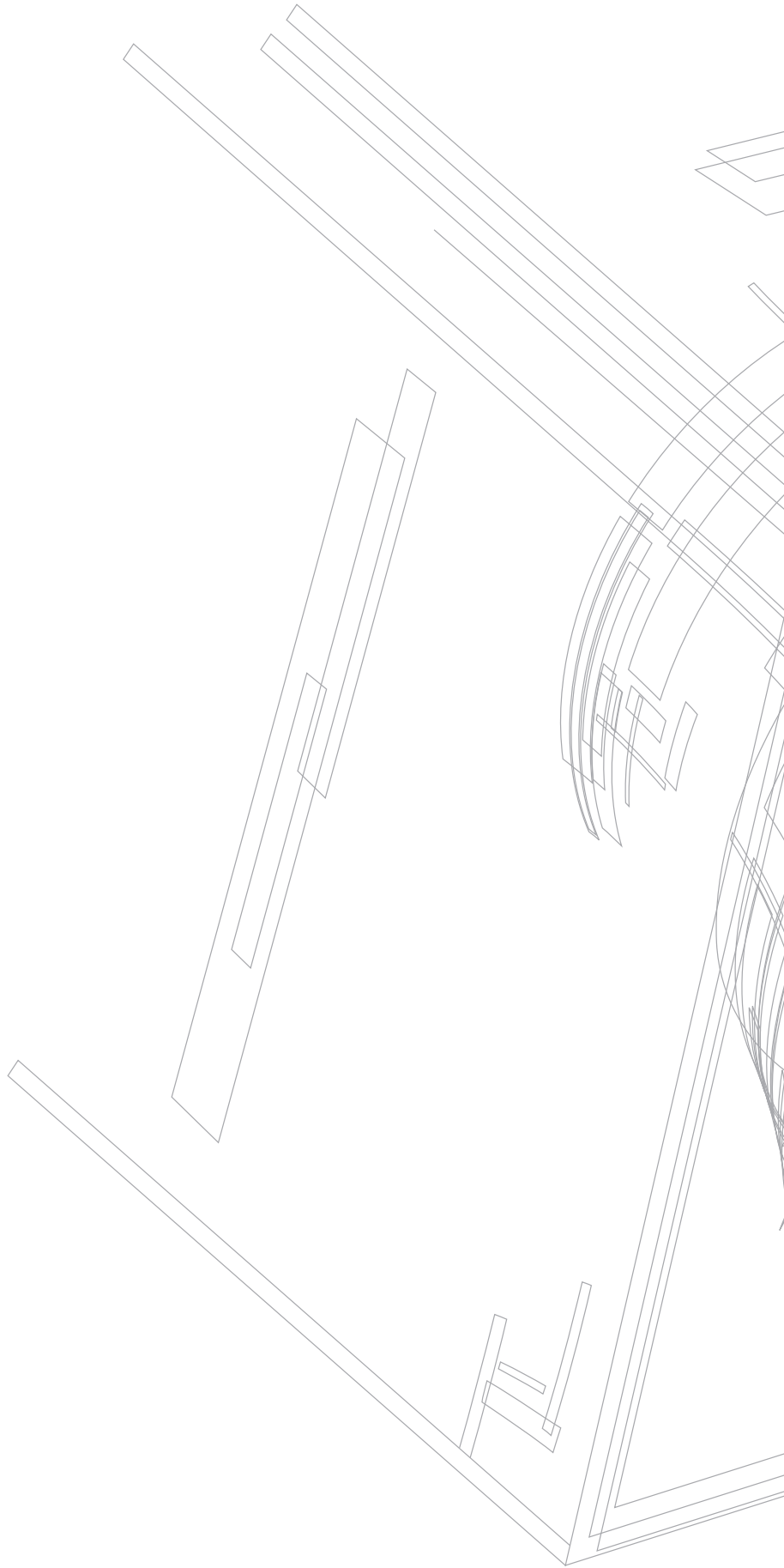
Equipos y drivers Gears & drivers Equipements et drivers

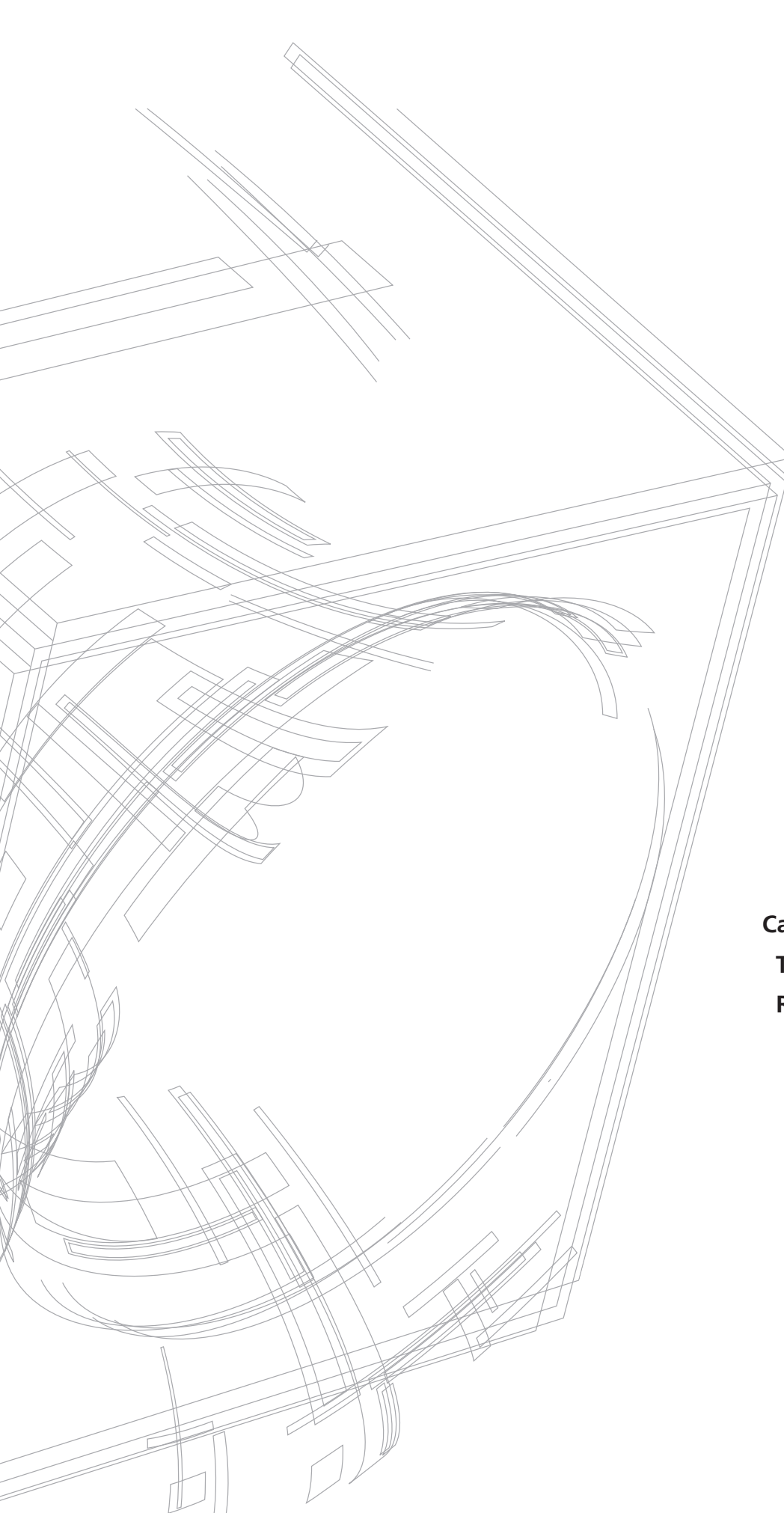
257

Fotométricas Photometrics Photométriques

263

1





proyectores projectors projecteurs

FOKUS 16

MAGNO 32

Carriles y accesorios 43

Tracks & accesories

Rails et accessoires





FOKUS

La familia FOKUS está diseñada para poder alojar múltiples fuentes lumínicas. El cuerpo del proyector y la caja porta equipos están fabricados en aluminio. Disponible en tres acabados: blanco, negro y gris.

The FOKUS family is designed to work with multiple light sources. The spotlight body and gear-holding box are made of aluminium. Available in three finishes: white, black and grey.

La gamme FOKUS a été conçue pour pouvoir s'adapter à de nombreuses sources lumineuses. Le corps du projecteur et le châssis sont fabriqués en aluminium. Disponibles en trois finitions: blanc, noir et gris.





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NEW	1 x QR-111 Máx. 100 W Max.	01040101 01040102 01040103	25
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NEW	1 x HIT-T 35 W 20°	01040401 01040402 01040403	27
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NEW	1 x QR-111 LED Max. 15 W	01041501 01041502 01041503	29
NEW	Accesorios Accessories Accessoires		30

Con sello propio With his own style Avec son propre style

*designed
by* **faro**

FOKUS nace del deseo de FAROGROUP de brindar a un estudiante de diseño la oportunidad de ver en el mercado su propia creación.

Para hacerlo realidad, convocó un concurso entre los estudiantes de EINA, Escuela de Arte y Diseño de Barcelona, a los que les propuso diseñar un proyector técnico que se diferenciara del resto del mercado, no sólo por su diseño sino también por su eficiencia en producción y por su rendimiento energético.

FOKUS was born from Faro Group's commitment with the design schools. FaroGroup collaborates with EINA Barcelona design school giving the students the chance to produce their own designs.

Faro challenged the students to create a technical projector, different from the existing ones in the market, not only by its design but also by being energy efficient and easy to produce.

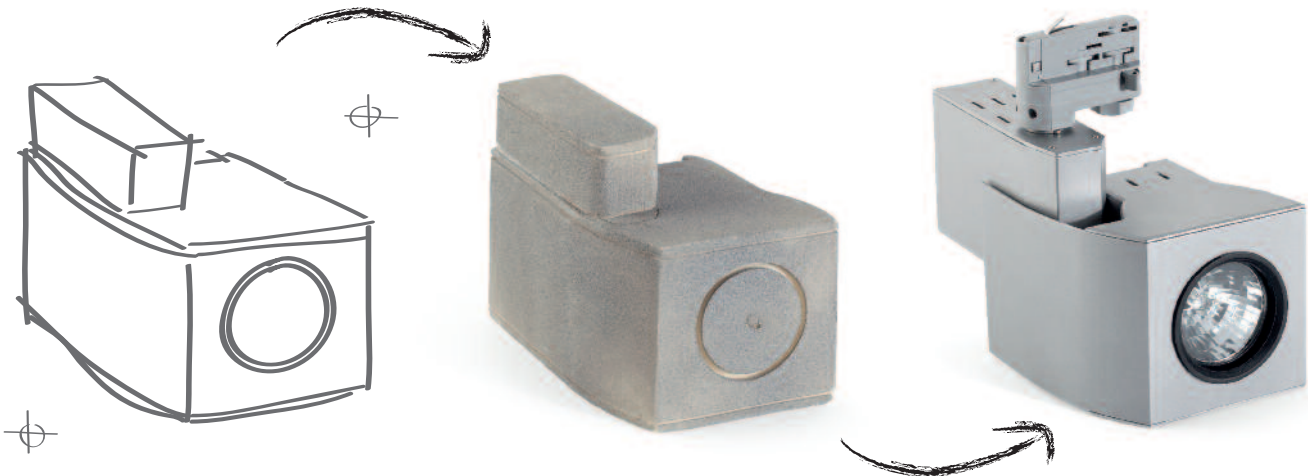
FOKUS est né du désir de FAROGROUP d'offrir à un étudiant en Design, l'opportunité de mettre sur le marché sa création.

Pour que cela devienne une réalité, FARO organisa un concours entre les étudiants de l'école d'Art et de Design de Barcelone en leur proposant de designer un projecteur technique qui se différencie de ce que l'on peut actuellement trouver sur le marché, non seulement par son design mais aussi par son efficacité en fonctionnement et son rendement énergétique.

 **faro group** con la colaboración de



Escola
de Disseny
i Art



Proyectores de carril Track projectors Projecteurs sur rail



Detalles Overview Détails

Este diseño novedoso nos permite disimular de un modo eficaz la caja porta equipos consiguiendo integrarla totalmente y realzando la imagen del proyector.

This new design effectively conceals the gear-holding box, fully integrating it and enhancing the spotlight.

Ce design innovant nous permet de dissimuler le châssis en l'intégrant totalement et d'améliorer ainsi l'aspect du projecteur.



Máxima calidad de los materiales

Cuerpo de aluminio y reflectores en aluminio de alta pureza disponibles en 15, 20, 25, y 50°. Con rotación de 355° y 90° sobre el plano horizontal.

High-quality materials

Aluminium body and high-grade aluminium reflectors available in 15, 20, 25, and 50°. Swivable horizontally from 355° to 90°.

Des matériaux de la meilleure qualité

Corps en aluminium et réflecteurs en aluminium de grande pureté disponibles en 15, 20, 25, et 50°. Avec rotation de 355° et 90° sur le plan horizontal.



*Designed
By* **faro**

Fácil reposición

La instalación del reflector no necesita de herramientas, facilitando así la reposición de la lámpara.

Se accede a ella girando el embellecedor externo que forma una sola pieza junto al reflector y el cristal protector.

Easy replacement

Installing the reflector requires no tools, which means that the bulb easy to replace.

It is accessed by turning the external trim that forms one piece with the reflector and protective glass.

Remplacement facile

L'installation du réflecteur ne requiert aucun outil, ce qui facilite le remplacement de la lampe.

Pour y accéder, tournez l'enjoliveur externe qui ne forme qu'une seule pièce avec le réflecteur et le verre protecteur.



Máxima versatilidad

El sistema de anclaje es compatible con la gran mayoría de marcas existentes en el mercado.

Maximum versatility

The spotlight's rail is compatible with the vast majority of brands on the market.

Polyvalence maximale

Le système de fixation est compatible avec la majorité des marques présentes sur le marché.



La familia FOKUS dispone de una amplia gama de accesorios que facilitan su versatilidad

The FOKUS family has a wide range of accessories that enhance its versatility

La gamme FOKUS dispose d'une grande variété d'accessoires qui améliore sa polyvalence

Nido de abeja

Una manera sencilla de evitar el deslumbramiento sin perder rendimiento lumínico.

Honeycomb louvre

A simple way to avoid glare without losing light output.

Grille type panneau

Une façon simple d'éviter l'éblouissement sans perdre d'intensité lumineuse.



Aletas direccionales

Direccionales a 360° para controlar totalmente el haz de luz.

Directional flaps

Directional to 360° for full control of the beam.

Volets

Peuvent être orientées sur 360° pour une maîtrise totale du faisceau de lumière.



Filtros cromáticos

Para darle un toque de color al proyecto.

Color filters

To add a touch of colour to the project.

Filtres couleurs

Pour donner une touche de couleur au projet.





designed by **faro**

FOKUS proyector de carril QR-CB51

Proyector de aluminio para lámpara QR-CB51, que incluye equipo electrónico ELT.

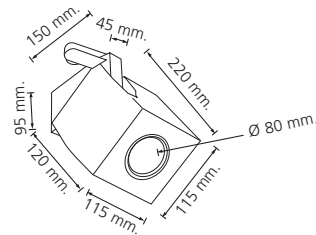
FOKUS track projector QR-CB51

Aluminium carriage projector for QR-CB51 lamp which includes ELT electronic equipment..

FOKUS projecteur sur rail QR-CB51

Projecteur sur rack pour ampoule QR-CB51 en aluminium qui inclue ballast électronique ELT.

Información técnica | Technical information | Information technique



QR-CB51 *

NEW

Ref.		V	W		
01040201	1 x GX5,3	12	Max. 50	ELT **	123~129
01040202					
01040203					

Peso | Weight | Poids: 1,10 Kg.



designed by **faro**

FOKUS proyector de carril QR-111

Proyector de aluminio para lámpara QR-111, que incluye equipo electrónico ELT.

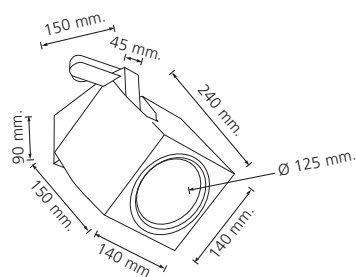
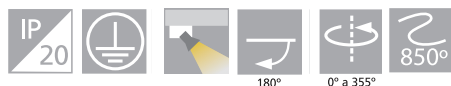
FOKUS track projector QR-111

Aluminium carriage projector for QR-111 lamp which includes ELT electronic equipment.

FOKUS projecteur sur rail QR-111

Projecteur sur rack en aluminium pour ampoule QR-111 qui inclue ballast électronique ELT.

Información técnica | Technical information | Information technique



QR-111 *

NEW

Ref.		V	W		
01040101					
01040102		1 x GX8.5	Max. 100	ELT **	130~145
01040103					

Peso | Weight | Poids: 1,80 Kg.

Accesorios carril (Ver pág. 43) Track accessories (See page 43) Accessoires rail (Voir page 43)

Accesorios FOKUS (Ver pág. 31) FOKUS accessories (See page 31) Accessoires FOKUS (Voir page 31)

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus



designed by **faro**

FOKUS proyector de carril CDM-Tm

Proyector de aluminio para lámpara CDM-Tm, con reflector de 15°, con equipo electrónico Philips o ELT incluido.

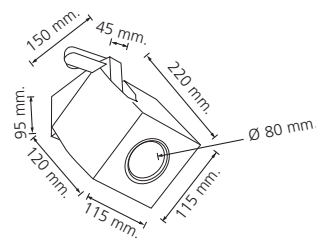
FOKUS track projector CDM-Tm

Aluminium track projector for CDM-Tm bulb, with 15° beam angle reflector. Includes Philips or ELT electronic gear.

FOKUS projecteur sur rail CDM-Tm

Projecteur sur rack pour ampoule CDM-Tm en aluminium, avec réflecteur de 15° que inclue ballast électronique Philips ou ELT.

Información técnica | Technical information | Information technique



CDM-Tm *

NEW

Ref.		W			
01040801	1 x PGJ5	20	15	PHILIPS **	001
01040802					
01040803					
01040901	1 x PGJ5	35	15	ELT **	002
01040902					
01040903					

Peso | Weight | Poids: 1,10 Kg.



*designed
by* **faro**

FOKUS proyector de carril HIT-T

Proyector de aluminio para lámpara HIT-T, con reflector de 20° o 50° con equipo electrónico Philips o ELT incluido.

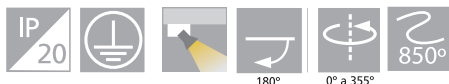
FOKUS track projector HIT-T

Aluminium track projector for HIT-T bulb, with 20° or 50° beam angle reflector. Includes Philips or ELT electronic gear.

FOKUS projecteur sur rail HIT-T

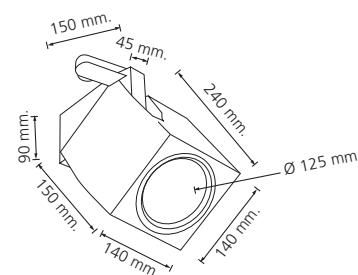
Projecteur sur rail pour ampoule HIT-T en aluminium, avec réflecteur de 20° o 50° que inclue ballast électronique Philips ou ELT.

Información técnica | Technical information | Information technique



HIT-T *

NEW



Ref.		W	△ x°			
01040401	○	1 x G12	35	20	ELT **	003
01040402	●					
01040403	●					
01040501	○	1 x G12	35	50	ELT **	004
01040502	●					
01040503	●					
01040601	○	1 x G12	70	20	ELT **	005
01040602	●					
01040603	●					
01040701	○	1 x G12	70	50	ELT **	006
01040702	●					
01040703	●					
01041901	○	1 x G12	100	20	PHILIPS **	007
01041902	●					
01041903	●					
01042001	○	1 x G12	100	50	PHILIPS **	008
01042002	●					
01042003	●					

Peso | Weight | Poids: 1,80 Kg.

Accesorios carril (Ver pág. 43) Track accessories (See page 43) Accessoires rail (Voir page 43)

Accesorios FOKUS (Ver pág. 31) FOKUS accessories (See page 31) Accessoires FOKUS (Voir page 31)

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus



designed by **faro**

FOKUS proyector de carril CDM-R111

Proyector de aluminio para lámpara CDM-R111, con equipo electrónico Philips o ELT incluido.

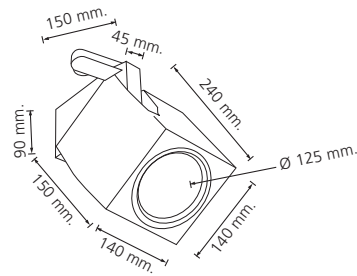
FOKUS track projector CDM-R111

Aluminium track projector for CDM-R111. Includes Philips or ELT electronic gear.

FOKUS projecteur sur rail CDM-R111

Projecteur sur rail pour ampoule CDM-R111 en aluminium, que inclue ballast électronique Philips ou ELT.

Información técnica | Technical information | Information technique



CDM-R111 *

NEW

Ref.		W		
01042101 ○	1 x GX8,5	20	PHILIPS **	146~147
01042102 ●				
01042103 ●				
01041001 ○	1 x GX8,5	35	ELT **	148~149
01041002 ●				
01041003 ●				
01040301 ○	1 x GX8,5	70	ELT **	150~152
01040302 ●				
01040303 ●				

Peso | Weight | Poids: 1,80 Kg.

Accesorios carril (Ver pág. 43) Track accessories (See page 43) Accessoires rail (Voir page 43)

Accesorios FOKUS (Ver pág. 31) FOKUS accessories (See page 31) Accessoires FOKUS (Voir page 31)

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus

Fotométrica | Photometric | Photométrie: Pag. 306-309



designed by **faro**

FOKUS proyector de carril QR-111 de LED

Proyector de aluminio para lámpara QR-111 de led, que incluye equipo electrónico ELT.

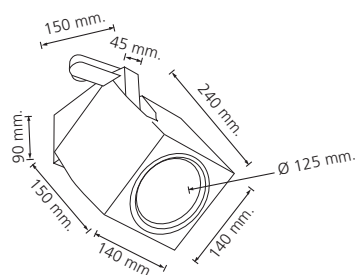
FOKUS track projector QR-111 LED

Aluminium carriage projector for QR-111 LED lamp which includes ELT electronic equipment.

FOKUS projecteur sur rail QR-111 LED

Projecteur sur rack en aluminium pour ampoule QR-111 LED qui inclue ballast électronique ELT.

Información técnica | Technical information | Information technique



QR-111 LED *

NEW

Ref.		W	V		
01041501	○				
01041502	●	1 x GX8.5	Max. 15	12 VAC	ELT**
01041503	●				175~178

Peso | Weight | Poids: 1,80 Kg.

Accesorios carril (Ver pág. 43) Track accessories (See page 43) Accessoires rail (Voir page 43)

Accesorios FOKUS (Ver pág. 31) FOKUS accessories (See page 31) Accessoires FOKUS (Voir page 31)

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Driver incluido Driver included Driver inclus



Cuerpo
Body
Corps



Filtros cromáticos
Color filters
Filtres couleurs

Nido de abeja
Honeycomb louvre
Grille type panneau



Aletas direccionales
Directional flaps
Volets



Accesorios Accessories Accessoires



Información técnica | Technical information | Information technique

MET

Aletas direccionales Directional flaps Volets

FOKUS P

Ref.

01992101 ○

01992402 ●

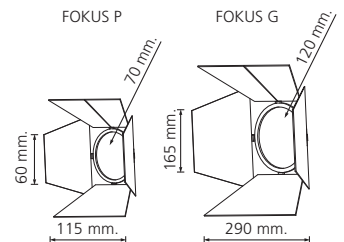
FOKUS G

Ref.

01992301 ○

01992502 ●

NEW



Información técnica | Technical information | Information technique

AL

PC

Acc. nido de abeja Honeycomb louvre Grille tipe panneau

FOKUS P

Ref.

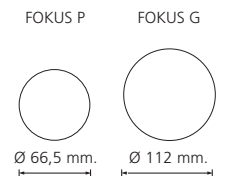
01992001 ●

FOKUS G

Ref.

01992002 ●

NEW



Información técnica | Technical information | Information technique

**CRIS
TEMP**

Filtros de colores

Pack 3 colores.

FOKUS P

Ref.

01992201 ●

Color filters

3 colors pack.

FOKUS G

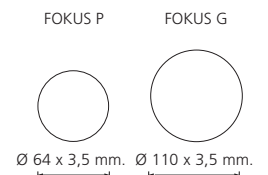
Ref.

01992202 ●

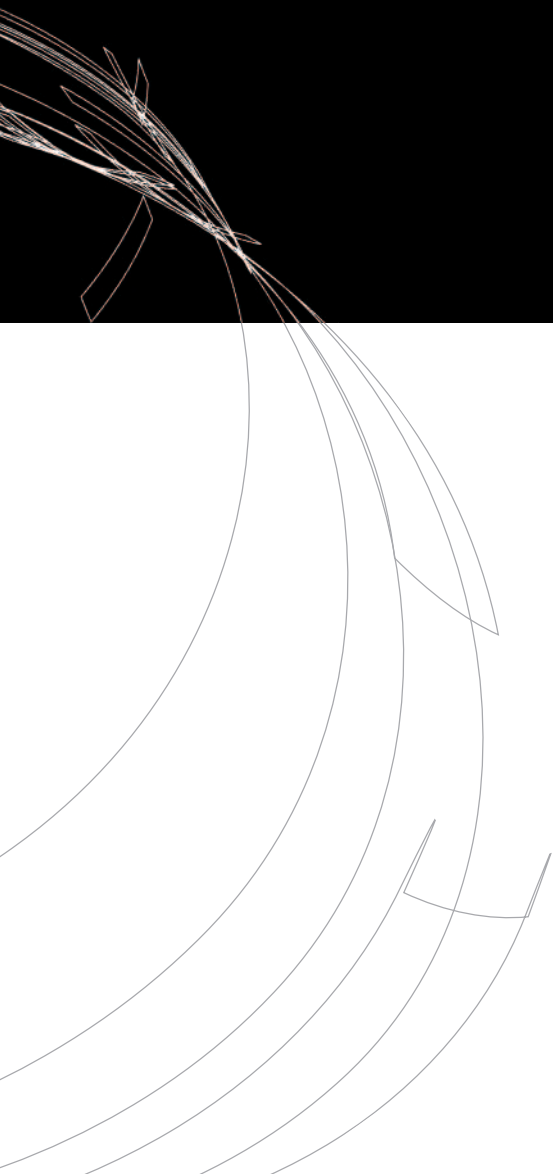
Filtres couleur

3 colours pack.

NEW







MAGNO

La familia de proyectores MAGNO está diseñada para poder alojar diferentes fuentes lumínicas. Los modelos para lámparas de descarga incluyen reflector de aluminio de alta pureza disponible en 12°, 24° o 38°.

El cuerpo del proyector está fabricado en aluminio. Todos los modelos están disponibles en tres acabados de pintura: blanco, negro o gris.

The MAGNO family of projectors is designed to house light sources. The models for discharge lamps include a high pure aluminium reflector in 12°, 24° or 38°.

The body of the projector is made in aluminium. All the models are available in three paint finish: white, black or grey.

La famille de projecteurs MAGNO est conçue afin de loger des sources de lumière. Les modèles pour ampoules à décharge incluent un réflecteur en aluminium haute pureté en 12°, 24° ou 38°.

Le corps du projecteur est fabriqué en aluminium. Tous les modèles sont disponibles en trois finitions de peinture: blanc, noir ou gris.





Indice Index Index

Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
1 x QR-CB51 Máx. 50 W Max.	01010201 01010202 01010203	37
1 x QR-111 Máx. 100 W Max.	01010101 01010102 01010103	38
1 x CDM-Tm 12° 20 W	01010801 01010802 01010803	39
1 x CDM-Tm 24° 20 W	01010901 01010902 01010903	
1 x HIT-T 12° 35 W	01010401 01010402 01010403	40
1 x HIT-T 38° 35 W	01010501 01010502 01010503	
1 x HIT-T 12° 70 W	01010601 01010602 01010603	
1 x HIT-T 38° 70 W	01010701 01010702 01010703	
NEW 1 x HIT-T 12° 100 W	01011101 01011102 01011103	
NEW 1 x HIT-T 38° 100 W	01011201 01011202 01011203	
1 x CDM-R111 35 W	01011001 01011002 01011003	41
1 x CDM-R111 70 W	01010301 01010302 01010303	



Detalles Overview Détails

Máxima durabilidad

El cuerpo del proyector está diseñado para facilitar la circulación de aire asegurando así una temperatura óptima de trabajo para garantizar la máxima vida útil tanto del equipo como de la lámpara.

Maximum durability

The body of the projector is designed to facilitate the air flow, ensuring thus an optimum working temperature in order to guarantee a long life, both to the equipment as to the lamp.

Durabilité maximale

Le corps du projecteur est conçu pour faciliter la circulation de l'air en assurant ainsi une température de travail optimale afin de garantir la durée de vie maximum de l'équipement ainsi que de l'ampoule.



Reposición de lámparas

En todos los modelos de se accede a la lámpara girando el embellecedor que incorpora el cristal protector, facilitando así su reposición.

Substitution of lamps

In all the MAGNO models the lamp is reached by twisting the trim that the protecting glass features, facilitating thus its substitution.

Remplacement des ampoules

Sur tous les modèles on accède à la ampoule en faisant tourner l'enjoliveur qui incorpore le verre protecteur, facilitant ainsi son remplacement.





MAGNO proyector de carril QR-CB51

Proyector de carril para lámpara QR-CB51 de aluminio, que incluye equipo electrónico Philips.

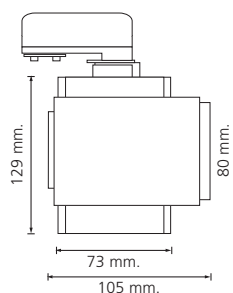
MAGNO track projector QR-CB51

Aluminium carriage projector for QR-CB51 lamp which includes Philips electronic equipment..

MAGNO projecteur sur rail QR-CB51

Projecteur sur rail pour ampoule QR-CB51 en aluminium qui inclue ballast électronique Philips.

Información técnica | Technical information | Information technique



QR-CB51 *

Ref.		V	W		
01010201	○				
01010202	●	1 x GX5,3	12	Max. 50	PHILIPS **
01010203	●				123~129

Peso | Weight | Poids: 0,78 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus

Accesorios carril (Ver pág. 43) Track accessories (See page 43) Accessoires rails (Voir page 43)

Fotométrica | Photometric | Photométrique: Pag. 263



MAGNO proyector de carril QR-111

Proyector de carril de aluminio para lámpara QR-111 que incluye equipo electrónico Philips.

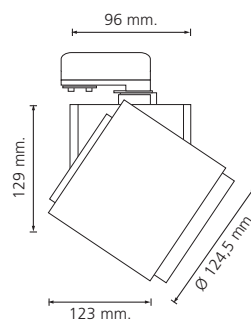
MAGNO track projector QR-111

Aluminium carriage projector for QR-111 lamp which includes Philips electronic equipment.

MAGNO projecteur sur rail QR-111

Projecteur sur rail en aluminium pour ampoule QR-111 qui inclue ballast électronique Philips.

Información técnica | Technical information | Information technique



QR-111 *

Ref.		V	W		
01010101	1 x G53	12	Max. 100	PHILIPS **	123~145
01010102					
01010103					

Peso | Weight | Poids: 1,19 Kg.

Proyectores de carril
Track projectors
Projecteurs sur rail



MAGNO proyector de carril CDM-Tm

Proyector de carril para lámpara CDM-Tm de aluminio, con reflector de 12° o 24° que incluye equipo electrónico Philips.

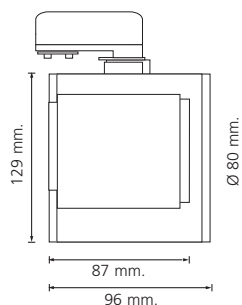
MAGNO track projector CDM-Tm

Aluminium track projector for CDM-Tm bulb, with 12° or 38° beam angle reflector. Includes Philip electronic gear.

MAGNO projecteur sur rail CDM-Tm

Projecteur sur rail pour ampoule CDM-Tm en aluminium, avec réflecteur de 12° o 24° qui inclue électronique Philips.

Información técnica | Technical information | Information technique



CDM-Tm *

Ref.		W	Lm	$\triangle x^\circ$		
01010801		1 x PGJ5	20	1615	12	PHILIPS **
01010802						
01010803						
01010901		1 x PGJ5	20	1615	24	PHILIPS**
01010902						
01010903						

Peso | Weight | Poids: 0,76 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus

Accesorios carril (Ver pág. 43) Track accessories (See page 43) Accessoires rails (Voir page 43)

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MAGNO

39



MAGNO proyector de carril HIT-T

Proyector de carril para lámpara HIT-T de aluminio, con reflector de 12° o 38° que incluye equipo electrónico Philips.

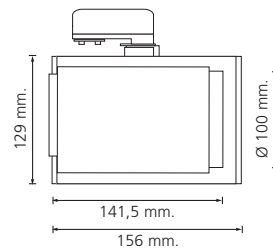
MAGNO track projector HIT-T

Aluminium track projector for HIT-T bulb, with 12° or 38° beam angle reflector. Includes Philip electronic gear.

MAGNO projecteur sur rail HIT-T

Projecteur sur rail pour ampoule HIT-T en aluminium, avec réflecteur de 12° o 38° qui inclue ballast électronique Philips.

Información técnica | Technical information | Information technique



HIT-T *

Ref.		W	Lm	△ x°			
01010401	○	1 x G12	35	3300	12	PHILIPS **	011
01010402	●						
01010403	●						
01010501	○	1 x G12	35	3300	38	PHILIPS **	012
01010502	●						
01010503	●						
01010601	○	1 x G12	70	6600	12	PHILIPS **	013
01010602	●						
01010603	●						
01010701	○	1 x G12	70	6600	38	PHILIPS **	014
01010702	●						
01010703	●						
01011101	○	1 x G12	100	9500	12	PHILIPS **	015
01011102	●						
01011103	●						
01011201	○	1 x G12	100	9500	38	PHILIPS **	016
01011202	●						
01011203	●						

NEW

NEW

Peso | Weight | Poids: 1,59 Kg.



MAGNO proyector de carril CDM-R111

Proyector de carril para lámpara CDM-R111 de aluminio, que incluye equipo electrónico Philips.

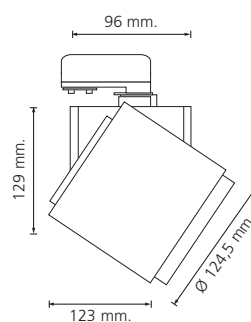
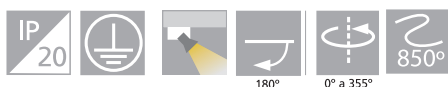
MAGNO track projector CDM-R111

Proyector de carril para lámpara CDM-R111 de aluminio, que incluye equipo electrónico Philips.

MAGNO projecteur sur rail CDM-R111

Projecteur sur rail pour ampoule CDM-R111 en aluminium, que inclue ballast électronique Philips.

Información técnica | Technical information | Information technique



CDM-R111 *

Ref.		W	X°			
01011001	○	1 x GX8,5	35	24 / 40	PHILIPS **	
01011002	●					148 (24°)
01011003	●					149, 154 (40°)
01010301	○	1 x GX8,5	70	10 / 24	PHILIPS**	
01010302	●					150, 152, 155 (10°)
01010303	●					151, 156 (24°)

Peso | Weight | Poids: 1,26 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus

Accesorios carril (Ver pág. 43) Track accessories (See page 43) Accessoires rails (Voir page 43)

Fotométrica | Photometric | Photométrique: Pag. 263



CARRILES
Y ACCESORIOS

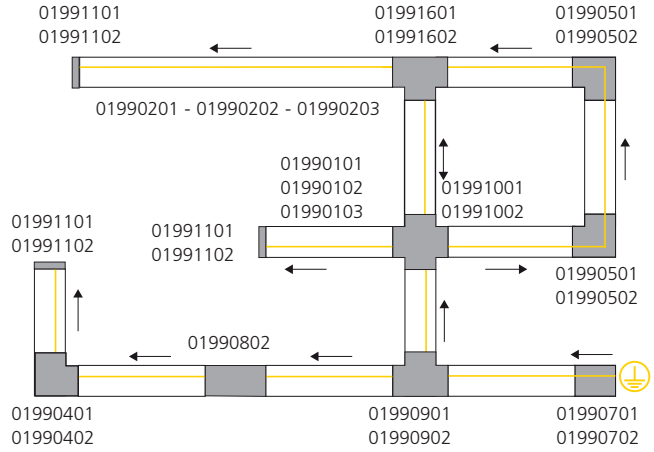
TRACKS
& ACCESSORIES

RAILS
ET ACCESSOIRES

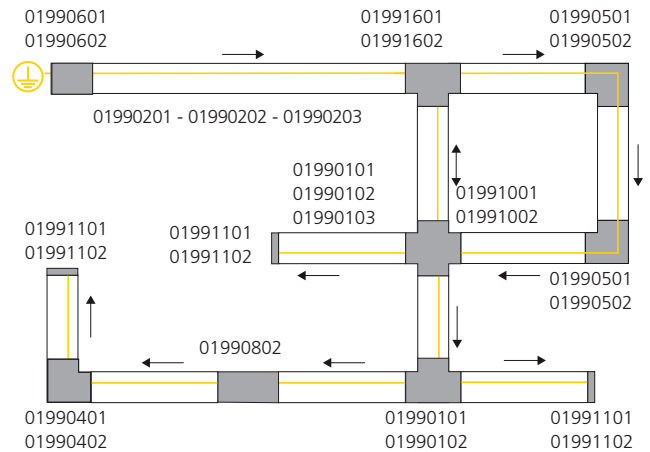


Carril trifásico, 16A
3 phase track, 16A
Rail triphasé, 16A

Instalación con Cabezal de Alimentación a Derecha
Right Main Supply installation
Installation avec Tête d'Alimentation Droite

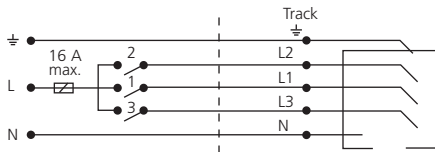


Instalación con Cabezal de Alimentación a Izquierda
Left Main Supply installation
Installation avec Tête d'Alimentation Gauche



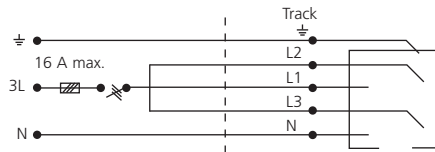
Esquemas de conexión Connection sketch **Schéma de connection**

1 Circuito 1 Circuit 1 Circuit



N-conductor $i = 16$ A max

2 Circuitos 2 Circuits 2 Circuits



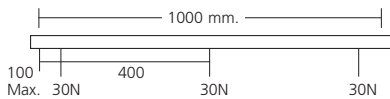
N-conductor $i = 16$ A max

3 Circuitos 3 Circuits 3 Circuits



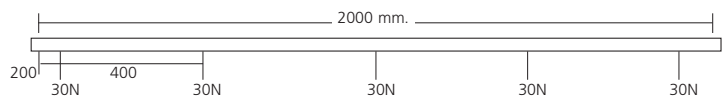
$L1+L2+L3$ $i = 16$ A max

Distancia recomendada entre fijaciones Recommended distance between fixage **Distance recommandée entre fixations**



Peso máximo: 9 Kg
Maximum weight: 9 Kg
Poids maximum: 9 Kg

Máximo 3 proyectores = 3.8 KVA
Max. 3 projectors = 3.8 KVA
Max. 3 projecteurs = 3.8 KVA



Peso máximo: 15 Kg
Maximum weight: 15 Kg
Poids maximum: 15 Kg

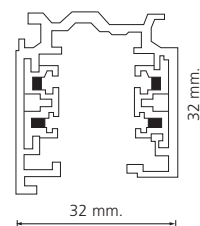
Máximo 5 proyectores = 3.8 KVA
Max. 5 projectors = 3.8 KVA
Max. 5 projecteurs = 3.8 KVA

Información técnica
Technical information
Information technique



Carril trifásico 3 phase track Rail triphasé

Ref.			Kg.
01990101	○	1000 mm	0,92
01990102	●	1000 mm	0,92
01990103	●	1000 mm	0,92
01990201	○	2000 mm	1,85
01990202	●	2000 mm	1,85
01990203	●	2000 mm	1,85



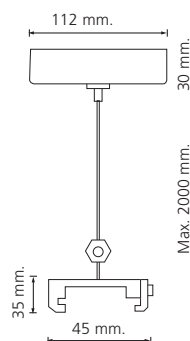
Kit de suspensión Pendant kit Kit de suspension

Cuerpo de aluminio y cable de acero. Peso máximo: 270N

Aluminium body and steel wire. Top weight: 270N

Corps en aluminium et câble en acier. Poids maximum: 270N

Ref.			Kg.
01990301	○	Max. 2000 mm	0,24
01990302	●	Max. 2000 mm	0,24
01990303	●	Max. 2000 mm	0,24



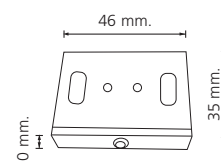
Soporte de techo Ceiling kit Support plafond

Cuerpo de aluminio.

Aluminium body.

Corps en aluminium.

Ref.		Kg.
01991201	○	0,24
01991202	●	0,24





Información técnica
Technical information
Information technique



Junta en "L"

Cuerpo en polycarbonato. Watt máx. 3,8 Kw.

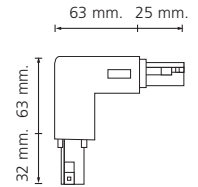
"L" joint

Polycarbonate body. Watt max. 3,8 Kw.

Union en "L"

Corps en polycarbonate. Watt max. 3,8 Kw.

Ref.		Kg.
Izquierda Left Gauche		
01990501	○	0,098
01990502	●	0,098
Derecha Right Droite		
01990401	○	0,098
01990402	●	0,098



Información técnica
Technical information
Information technique



Conector intermedio en "T"

Cuerpo en polycarbonato. Watt máx. 3,8 Kw.

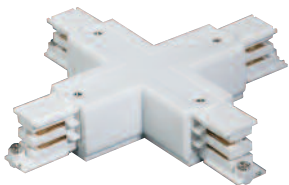
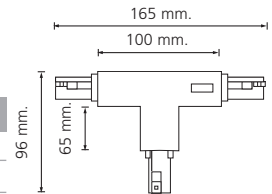
"T" intermediate joint

Polycarbonate body. Watt max. 3,8 Kw.

Union intermédiaire en "T"

Corps en polycarbonate. Watt max. 3,8 Kw.

Ref.		Kg.
Izquierda Left Gauche		
01991601	○	0,14
01991602	●	0,14
Derecha Right Droite		
01990901	○	0,14
01990902	●	0,14



Información técnica
Technical information
Information technique



Conector intermedio en cruz

Cuerpo en polycarbonato. Watt máx. 3,8 Kw.

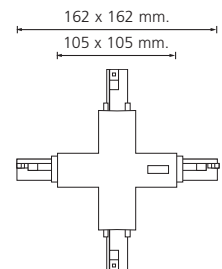
Cross joint intermediate

Polycarbonate body. Watt max. 3,8 Kw.

Union intermédiaire en croix

Corps en polycarbonate. Watt max. 3,8 Kw.

Ref.		Kg.
01991001	○	0,18
01991002	●	0,18





Cabezal de alimentación

Cuerpo en policarbonato. Watt máx. 3,8 Kw).

Main supply

Polycarbonate body. Watt máx. 3,8 Kw).

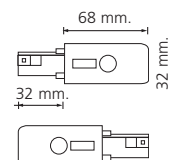
Tête d'alimentation

Corps en polycarbonate. Watt máx. 3,8 Kw).

Información técnica
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Information technique



Ref.		Kg.
Izquierda Left Gauche		
01990601	○	0,07
01990602	●	0,07
Derecha Right Droite		
01990701	○	0,07
01990702	●	0,07



Conector intermedio

Cuerpo en policarbonato. Watt máx. 3,8 Kw.

Intermediate joint

Polycarbonate body. Watt máx. 3,8 Kw.

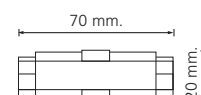
Union intermédiaire

Corps en polycarbonate. Watt máx. 3,8 Kw.

Información técnica
Technical information
Information technique



Ref.		Kg.
01990802	●	0,024



Cabezal de cierre

Cuerpo en policarbonato. Watt máx. 3,8 Kw.

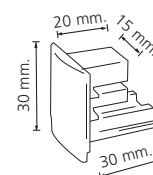
End cap without power

Polycarbonate body. Watt max. 3,8 Kw.

Tête de fermeture

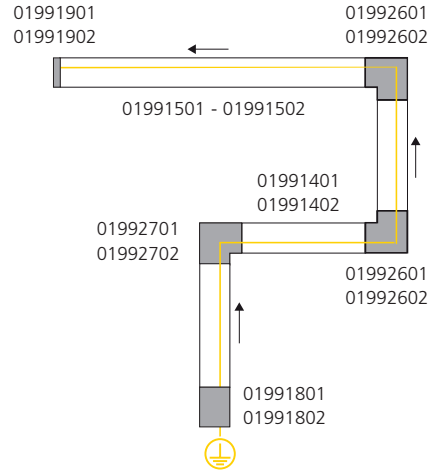
Corps en polycarbonate. Watt max. 3,8 Kw.

Ref.		Kg.
01991101	○	0,008
01991102	●	0,008

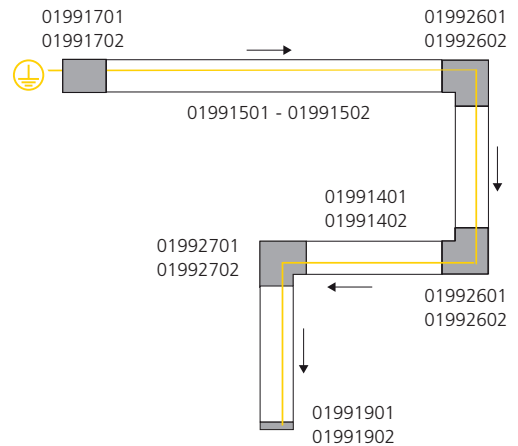




Instalación con Cabezal de Alimentación a Derecha
Right Main Supply installation
Installation avec Tête d'Alimentation Droite



Instalación con Cabezal de Alimentación a Izquierda
Left Main Supply installation
Installation avec Tête d'Alimentation Gauche

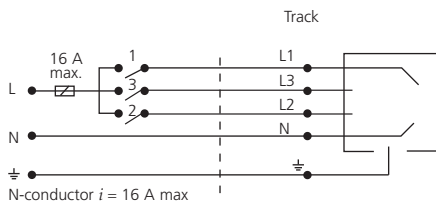


NEW

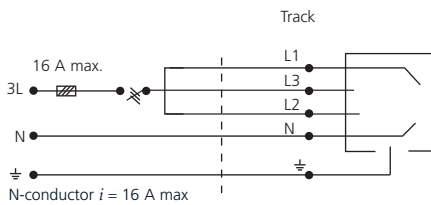
Carril trifásico empotrable, 16A
Recessed 3 phase track, 16A
Rail à encastrer triphasé, 16A

Esquemas de conexión Connection sketch Schéma de connection

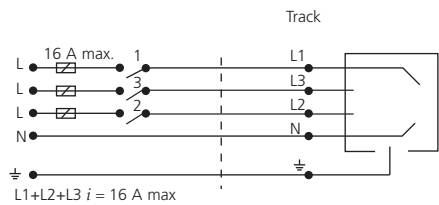
1 Circuito 1 Circuit 1 Circuit



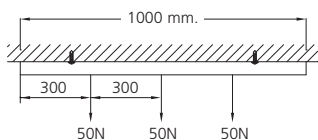
2 Circuitos 2 Circuits 2 Circuits



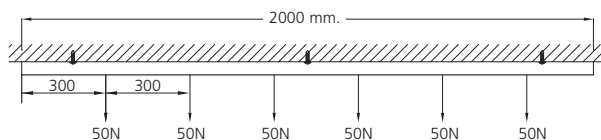
3 Circuitos 3 Circuits 3 Circuits



Distancia recomendada entre fijaciones Recommended distance between fixage Distance recommandée entre fixations



Peso máximo: 9 Kg
Maximum weight: 9 Kg
Poids maximum: 9 Kg
Máximo 3 proyectores = 3,8 KVA
Max. 3 projectors = 3,8 KVA
Max. 3 projecteurs = 3,8 KVA



Peso máximo: 15 Kg
Maximum weight: 15 Kg
Poids maximum: 15 Kg
Máximo 5 proyectores = 3,8 KVA
Max. 5 projectors = 3,8 KVA
Max. 5 projecteurs = 3,8 KVA

Información técnica
Technical information
Information technique



Información técnica
Technical information
Information technique



Información técnica
Technical information
Information technique



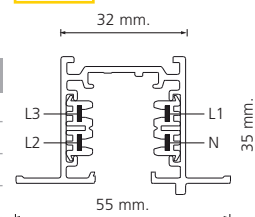
Carril empotrable
trifásico

Recessed 3 phase
track

Rail à encastrer
triphase

NEW

Ref.			Kg.	
01991401	○	1000 mm	1,20	37 x 1083 mm
01991402	●	1000 mm	1,20	37 x 1083 mm
01991501	○	2000 mm	1,80	37 x 2083 mm
01991502	●	2000 mm	1,80	37 x 2083 mm



Junta en "L"

"L" joint

Union en "L"

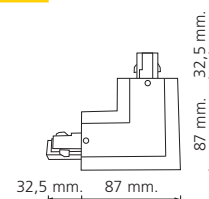
Cuerpo en polycarbonato. Watt máx. 3,8 Kw.

Polycarbonate body. Watt max. 3,8 Kw.

Corps en polycarbonate. Watt max. 3,8 Kw.

Ref.		Kg.
Izquierda Left Gauche		
01992601	○	0,20
01992602	●	0,20
Derecha Right Droite		
01992701	○	0,20
01992702	●	0,20

NEW



Cabezal de alimentación

Main supply

Tête d'alimentation

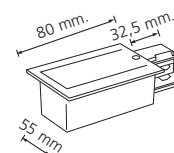
Cuerpo en polycarbonato. Watt máx. 3,8 Kw.

Polycarbonate body. Watt max. 3,8 Kw.

Corps en polycarbonate. Watt max. 3,8 Kw.

Ref.		Kg.
Izquierda Left Gauche		
01991701	○	0,13
01991702	●	0,13
Derecha Right Droite		
01991801	○	0,13
01991802	●	0,13

NEW



Cabezal de cierre de empotrar

End cap without power for recessed track

Tête de fermeture pour rail encastrer

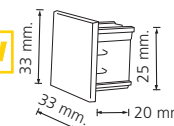
Cuerpo en polycarbonato. Watt máx. 3,8 Kw.

Polycarbonate body. Watt max. 3,8 Kw.

Corps en polycarbonate. Watt max. 3,8 Kw.

Ref.		Kg.
01991901	○	0,22
01991902	●	0,22

NEW



Sujección techo, 2 ud.

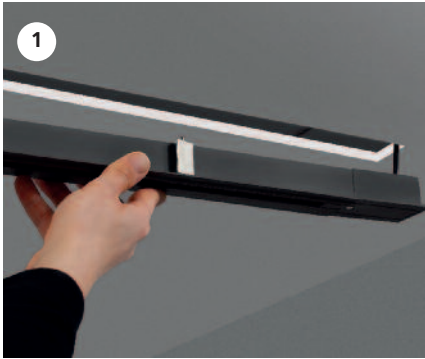
Ceiling kit for recessed, 2 units

Support à encastrer, 2 unités

Ref.		Kg.
01991600		0,15

NEW

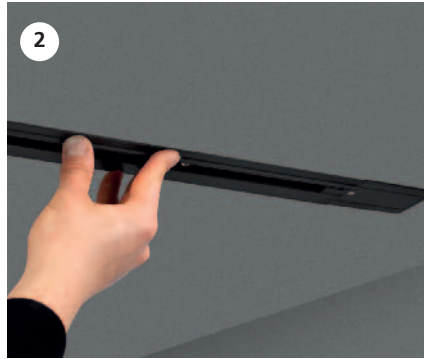
Carril empotrable Recessed track Rail à encastrer



Realizar el hueco necesario en la superficie de montaje.

Drill the appropriate hole in the installation surface.

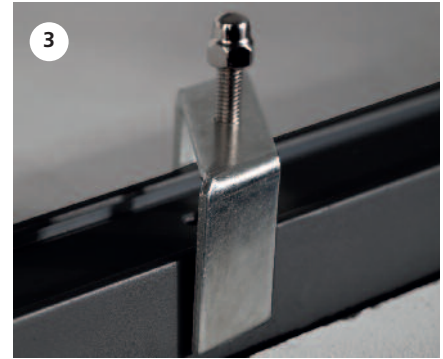
Réaliser le trou nécessaire dans la surface de montage.



Introducir el carril en el hueco.

Insert the rail in the hole.

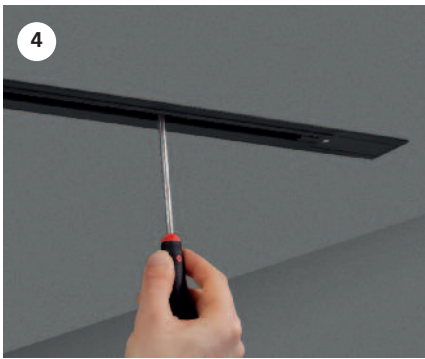
Introduire le rail dans le trou.



La pieza de fijación queda en el interior.

The fastener remains on the inside.

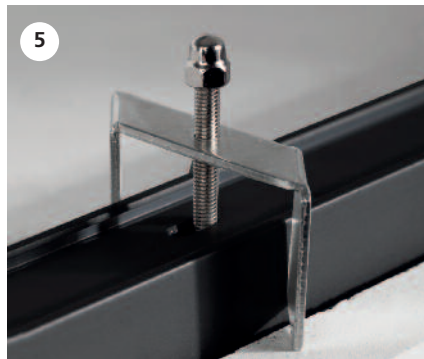
La pièce de fixation reste à l'intérieur.



Al girar el destornillador la pieza de fijación cambia de posición.

Turn the fastener into place with a screwdriver.

Lorsque l'on tourne le tournevis, la pièce de fixation change de position.



La pieza de fijación hace tope con el techo, sujetando así, firmemente el carril.

The fastener abutts the ceiling firmly holding the rail.

La pièce de fixation s'appuie sur le plafond tenant ainsi fermement le rail.

Accesorio universal Universal accessory Accessoire universel



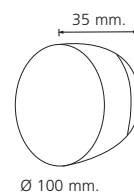
Base superficie

Base for surface

Patère de fixation

Ref.		Kg.
01991301	○	0,20
01991302	●	0,20
01991303	●	0,20

NEW

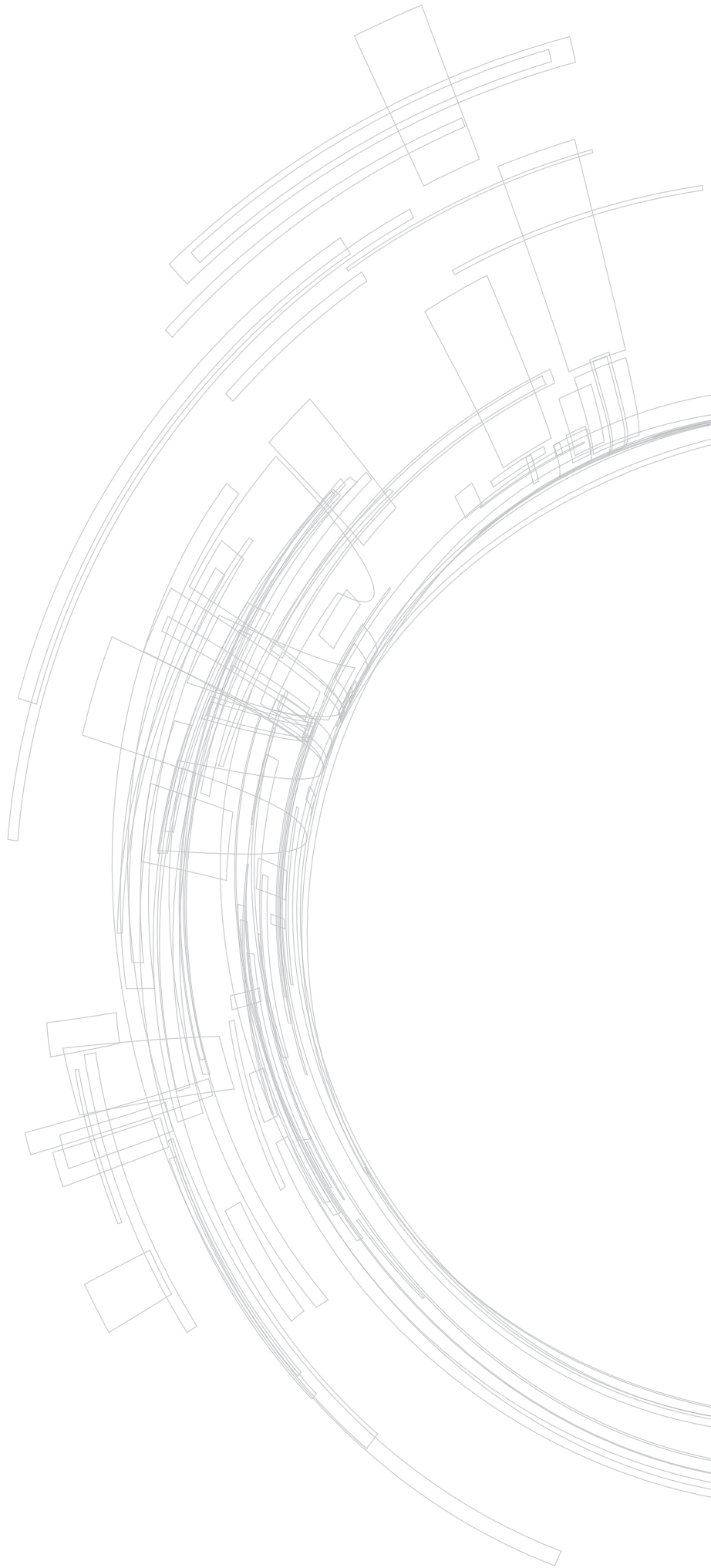


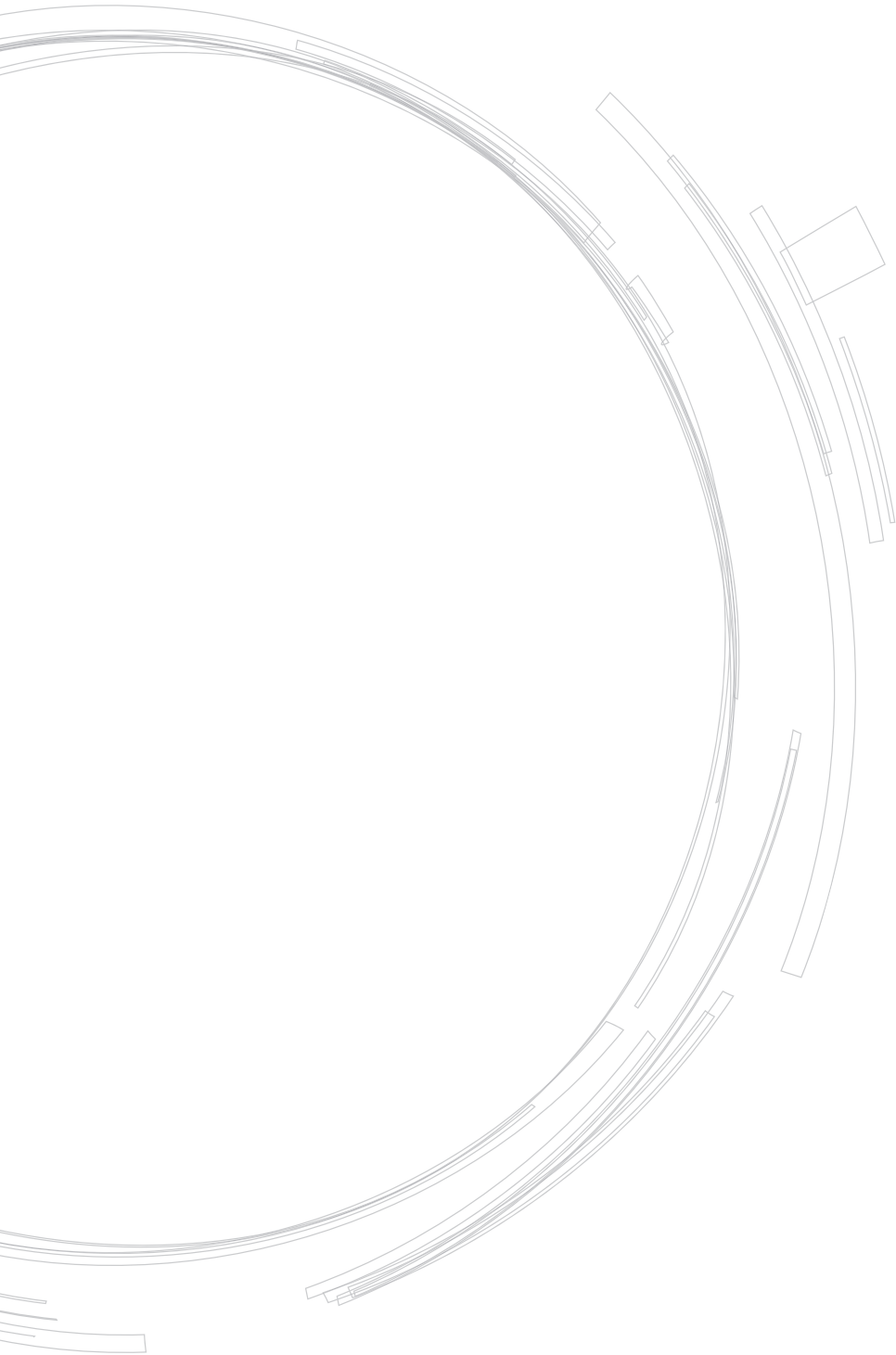
Accesorio para instalar el proyector de manera individual sin necesidad de carril.

Accessory to install your spotlight individually with no need for a rail

Accessoire pour installer le projecteur de façon individuelle sans rail.

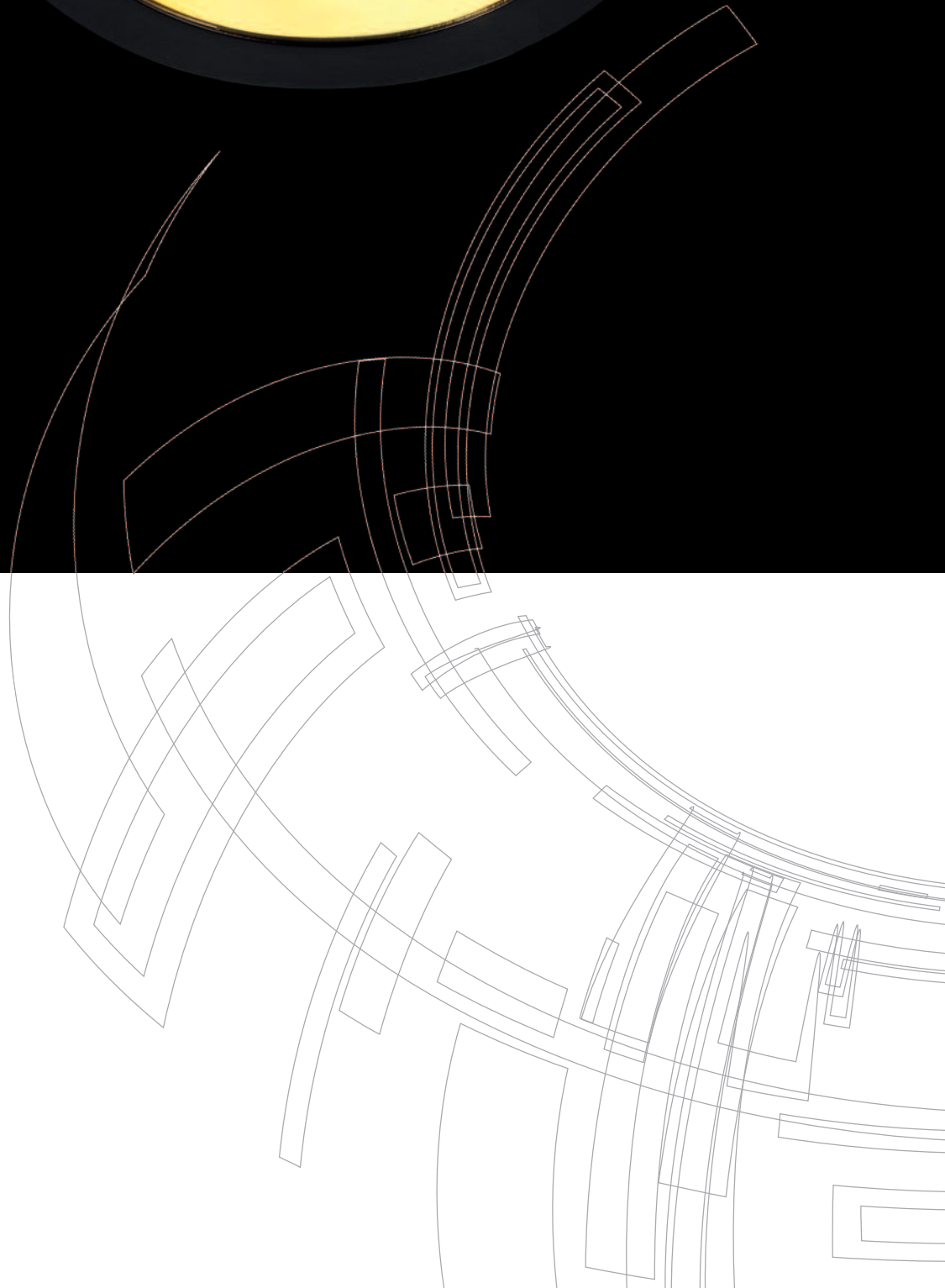
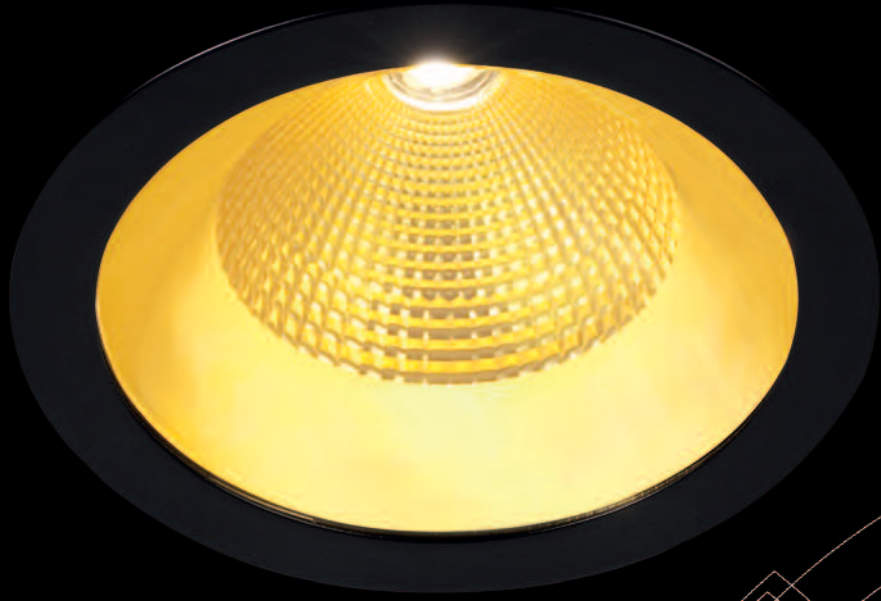
2





empotrables **downlights** **encastrables**

SOLID	54
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SOLID

El downlight SOLID es una luminaria para LED multichip BRIDGELUX. Disponible con reflectores de aluminio de 30° o 65° de temperaturas de color fría, natural o cálida. Marco de aluminio en blanco, negro y gris. Disponible también en versión regulable para sistema DALI.

The SOLID downlight is a luminaire designed for the BRIDGELUX multichip LED. Available with 30° or 65° aluminium reflectors. In cold, natural or warm tones. White, black and grey aluminium frame. Also available in adjustable version for DALI.

SOLID est un downlight pour LED multipuces BRIDGELUX. Disponible avec réflecteur en aluminium 30° ou 65°. Disponible en température de couleur froide, naturelle ou chaude. Avec cadre en aluminium blanc, noir et gris. Également disponible en version réglable pour système DALI.



Sistemas empotrables
Downlight system
Système encastrable

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	Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
SOLID Reflector oro			
SOLID Gold reflector SOLID Or reflecteur			
NEW	1 x BRIDGELUX 26 W 30° 3000K	02050301 02050302 02050303	62
NEW	1 x BRIDGELUX 26 W 65° 3000K	02050401 02050402 02050403	62
NEW	1 x BRIDGELUX 26 W 30° 3000K Regul. Dimm. Dimm. DALI	02051501 02051502 02051503	63
NEW	1 x BRIDGELUX 26 W 65° 3000K Regul. Dimm. Dimm. DALI	02051601 02051602 02051603	63
SOLID			
NEW	1 x BRIDGELUX 26 W 30° 3000K	02050101 02050102 02050103	64
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NEW	1 x BRIDGELUX 26 W 30° 4000K	02050501 02050502 02050503	64
NEW	1 x BRIDGELUX 26 W 65° 4000K	02050601 02050602 02050603	64
NEW	1 x BRIDGELUX 26 W 30° 5000K	02050701 02050702 02050703	64
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NEW	1 x BRIDGELUX 26 W 30° 3000K Regul. Dimm. Dimm. DALI	02050901 02050902 02050903	65
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NEW	1 x BRIDGELUX 26 W 30° 4000K Regul. Dimm. Dimm. DALI	02051101 02051102 02051103	65
NEW	1 x BRIDGELUX 26 W 65° 4000K Regul. Dimm. Dimm. DALI	02051201 02051202 02051203	65
NEW	1 x BRIDGELUX 26 W 30° 5000K Regul. Dimm. Dimm. DALI	02051301 02051302 02051303	65
NEW	1 x BRIDGELUX 26 W 65° 5000K Regul. Dimm. Dimm. DALI	02051401 02051402 02051403	65
NEW	Accesorios Accessories Accessoires		61



Detalles Overview Détails

Máxima calidad en los materiales

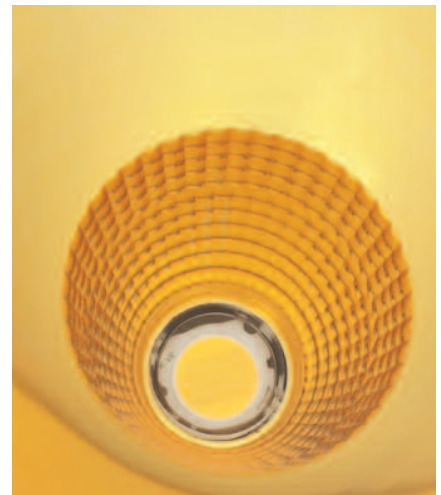
Totalmente fabricado en aluminio inyectado. Reflectores de aluminio de alta pureza en versiones 30° y 65°. El acabado oro aporta un matiz cálido a la luz que refracta, consiguiendo un alto confort visual.

High-quality materials

100% cast aluminium. High-grade aluminium reflectors available in 30° and 65°. The gold tone gives light a warm hue, ensuring high visual comfort.

Des matériaux de la meilleure qualité

Fabriqué entièrement en aluminium injecté. Réflecteurs en aluminium de grande pureté en version 30 et 65°. Le finition dorée confère un ton chaud à la lumière réfractée, apportant un grand confort visuel.



Alta luminosidad

LED multichip bridgelux de última generación con un gran rendimiento lumínico.



High brightness

State-of-the-art Bridgelux multichip LED. High brightness.



Haute luminosité

LED multipuces bridgelux dernière génération.



Fácil instalación

Los anclajes vienen integrados en el cuerpo de la luminaria y son fácilmente ajustables con un destornillador.



Easy installation

The brackets are integrated into the body of the luminaire and are easily adjustable with a screwdriver.



Installation facile

Les crochets sont intégrés dans le corps du luminaire et sont facilement réglables avec un tournevis.



Fácil conexión

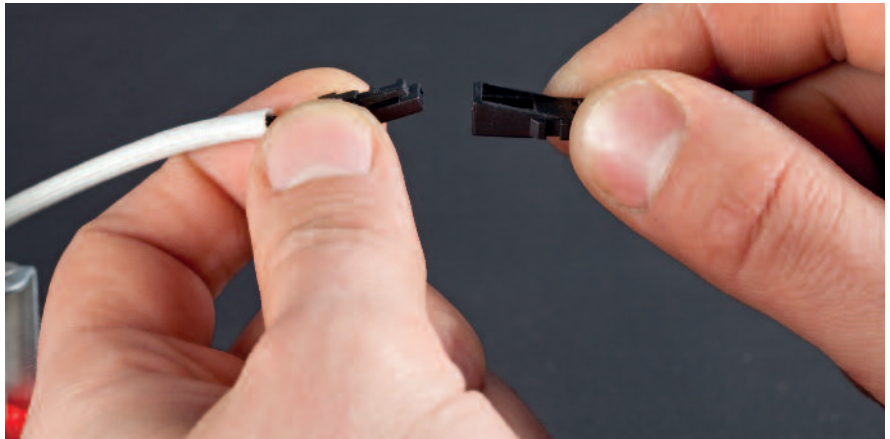
Cableado con anclaje rápido para facilitar la conexión eléctrica.

Easy connection

Quick coupling wiring to facilitate electric connection.

Connexion facile

Rapide de câblage de couplage pour faciliter la connexion électrique.



Disipador de calor

Todo el cuerpo de la luminaria hace a su vez de disipador de calor. Ha sido sometido a pruebas en túnel de viento para conseguir un alto rendimiento y garantizar la máxima vida útil de la luminaria.

Heat dissipator

The whole body of the luminaire in turn acts as a cooling element. It has been tested in a wind tunnel for high performance and to ensure the maximum life of the luminaire.

Dissipateur de chaleur

Le corps du luminaire sert également de dissipateur de chaleur. Il a été soumis à des tests dans une soufflerie pour garantir des performances élevées et une longue durée de vie utile.

Accesorio opcional bañador de pared (Ref. 02059906)

Bañador de pared extraíble en aluminio. Proporciona una iluminación muy uniforme en el plano vertical. El baño de paredes o iluminación vertical es un elemento clave en la planificación de iluminación actual. Puede realzar el material, textura y color de estas paredes.

Optional wall washer accessory (Ref. 02059906)

Removable aluminium wall washer. Provides a very uniform illumination of the vertical plane. The wall washer or vertical lighting is a key element in modern-day lighting planning. It can enhance the material, texture and colour of walls.

Accessoire en option: lèche-mur (Ref. 02059906)

Lèche-mur amovible en aluminium. Fournit un éclairage vertical uniforme. Actuellement, l'illumination verticale est un élément clé dans la planification de l'éclairage. Elle peut mettre en valeur le matériau, la texture et la couleur des murs.



NEW



Ref.	
02059906	027, 028

NEW



Accesorio opcional difusor opal (Ref. 02059902)

Difusor en acrílico para conseguir un óptimo confort visual evitando el deslumbramiento.

Optional opal diffuser (Ref. 02059902)

Acrylic diffuser for optimal visual comfort, preventing glare.

Accessoire en option: diffuseur opale (Ref. 02059902)

Diffuseur en acrylique pour un confort visuel optimal sans éblouissement.



Ref.	
02059902	025, 026



SOLID luminaria downlight con LED multichip

Luminaria con LED multichip de 26W, con temperatura de 3000K y reflector dorado de alta pureza de 30° o 65°.

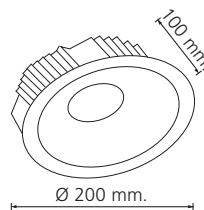
SOLID downlight luminaire with multichip LED

26W multichip LED luminaire, with 3000K colour temperature and 30° or 65° high pure aluminium reflector.

SOLID luminaire downlight avec LED multichip

Luminaire LED multipuces de 26W avec température de couleur de 3000K et réflecteur en aluminium haute pureté, en 30° ou 65°.

Información técnica | Technical information | Information technique



BRIDGELUX *

Ref.	W	mA	Lm	K	CRI	△x°	Box	Beam
02050301 ○	26	700	1854	3000	80	30	VOSSLOH**	017
02050302 ●								
02050303 ●								
02050401 ○	26	700	1907	3000	80	65	VOSSLOH**	018
02050402 ●								
02050403 ●								

NEW

Peso | Weight | Poids: 0,70 Kg.



SOLID luminaria downlight regulable con LED multichip

Versión regulable para sistema DALI.

SOLID luminaria downlight adjustable con LED multichip

Adjustable version for DALI.

SOLID luminaire downlight con LED multichip

Version réglable pour système DALI.



BRIDGELUX *

Ref.	W	mA	Lm	K	CRI	Δx°			
REGULABLE DIMMABLE DIMMABLE DALI									
02051501	26	700	1854	3000	80	30	VOSSLOH**	017	
02051502									
02051503									
02051601	26	700	1907	3000	80	65	VOSSLOH**	018	
02051602									
02051603									

NEW

Peso | Weight | Poids: 0,70 Kg.

Accesorios no incluidos (Ver pág. 61) Accessories not included (See page 61) Accessoires non inclus (Voir page 61)

* Lámpara incluida Bulb included Ampoule inclus

** Driver incluido Driver included Driver inclus



SOLID luminaria downlight con LED multichip

Luminaria con LED multichip de 26W, con temperaturas de color de 3000-4000-5000K y reflector de alta pureza de 30° o 65°.

SOLID downlight luminaire with multichip LED

26W multichip LED luminaire, with 3000-4000-5000K colour temperature range and 30° or 65° high pure aluminium reflector.

SOLID luminaire downlight avec LED multichip

Luminaire LED multipuces de 26W avec températures de couleur de 3000-4000-5000K et réflecteur en aluminium haute pureté, en 30° ou 65°.



BRIDGELUX *

Ref.	W	mA	Lm	K	CRI	△x°		
02050101	26	700	1638	3000	80	30	VOSSLOH**	019
02050102								
02050103								
02050201	26	700	1491	3000	80	65	VOSSLOH**	020
02050202								
02050203								
02050501	26	700	1862	4000	80	30	VOSSLOH**	021
02050502								
02050503								
02050601	26	700	1695	4000	80	65	VOSSLOH**	022
02050602								
02050603								
02050701	26	700	2116	5000	70	30	VOSSLOH**	023
02050702								
02050703								
02050801	26	700	1927	5000	70	65	VOSSLOH**	024
02050802								
02050803								

NEW

Peso | Weight | Poids: 0,70 Kg.



SOLID luminaria downlight regulable con LED multichip

Versión regulable para sistema **DALI**.

SOLID luminaria downlight adjustable con LED multichip

Adjustable version for **DALI**.

SOLID luminaire downlight avec LED multichip

Version réglable pour système **DALI**.



BRIDGELUX *

Ref.	W	mA	Lm	K	CRI	Δx°			
REGULABLE DIMMABLE DIMMABLE DALI									
02050901	<input type="radio"/>								
02050902	<input checked="" type="radio"/>	26	700	1638	3000	80	30	VOSSLOH**	019
02050903	<input type="radio"/>								
02051001	<input type="radio"/>								
02051002	<input checked="" type="radio"/>	26	700	1491	3000	80	65	VOSSLOH**	020
02051003	<input type="radio"/>								
02051101	<input type="radio"/>								
02051102	<input checked="" type="radio"/>	26	700	1862	4000	80	30	VOSSLOH**	021
02051103	<input type="radio"/>								
02051201	<input type="radio"/>								
02051202	<input checked="" type="radio"/>	26	700	1695	4000	80	65	VOSSLOH**	022
02051203	<input type="radio"/>								
02051301	<input type="radio"/>								
02051302	<input checked="" type="radio"/>	26	700	2116	5000	70	30	VOSSLOH**	023
02051303	<input type="radio"/>								
02051401	<input type="radio"/>								
02051402	<input checked="" type="radio"/>	26	700	1927	5000	70	65	VOSSLOH**	024
02051403	<input type="radio"/>								

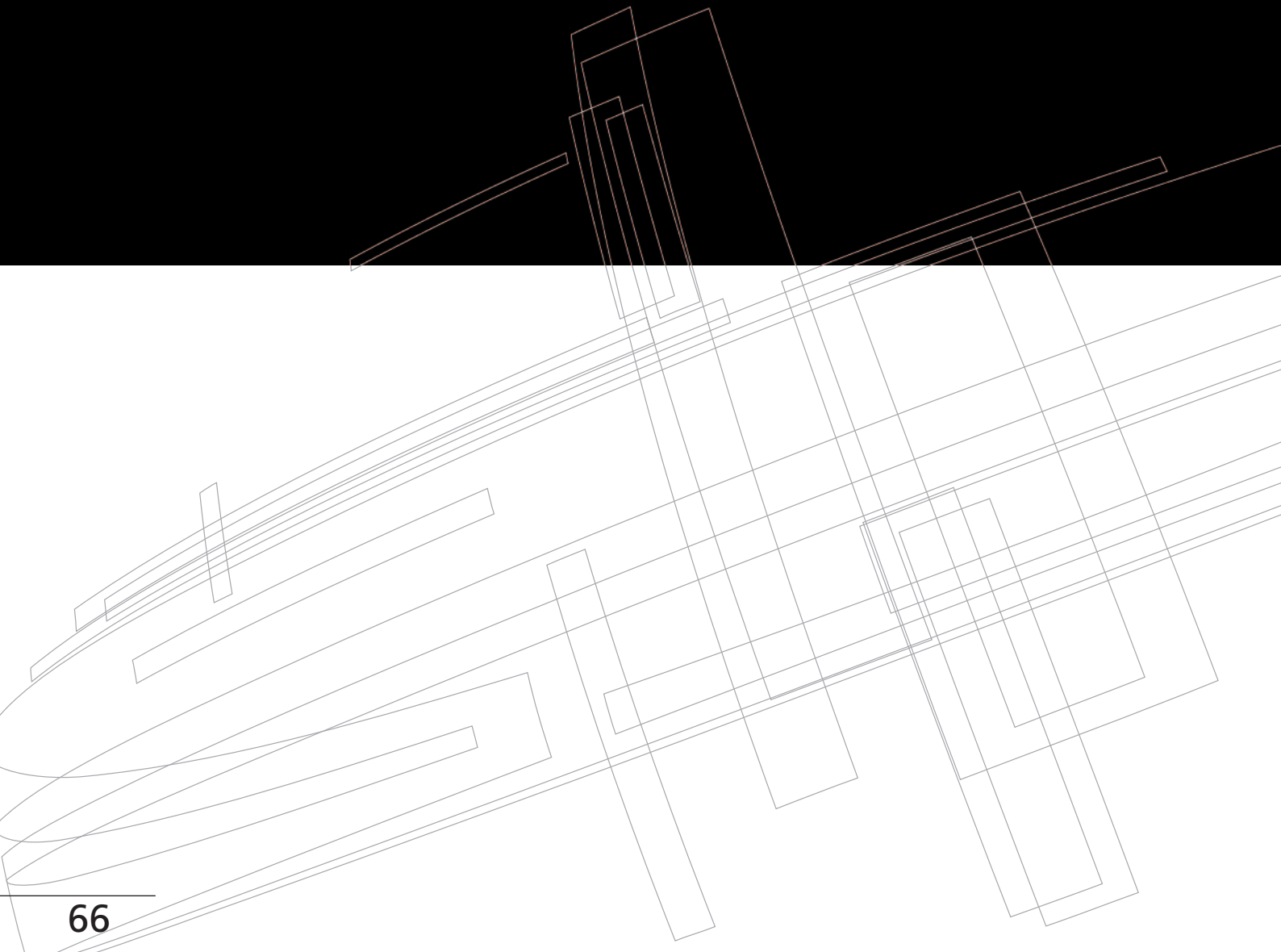
NEW

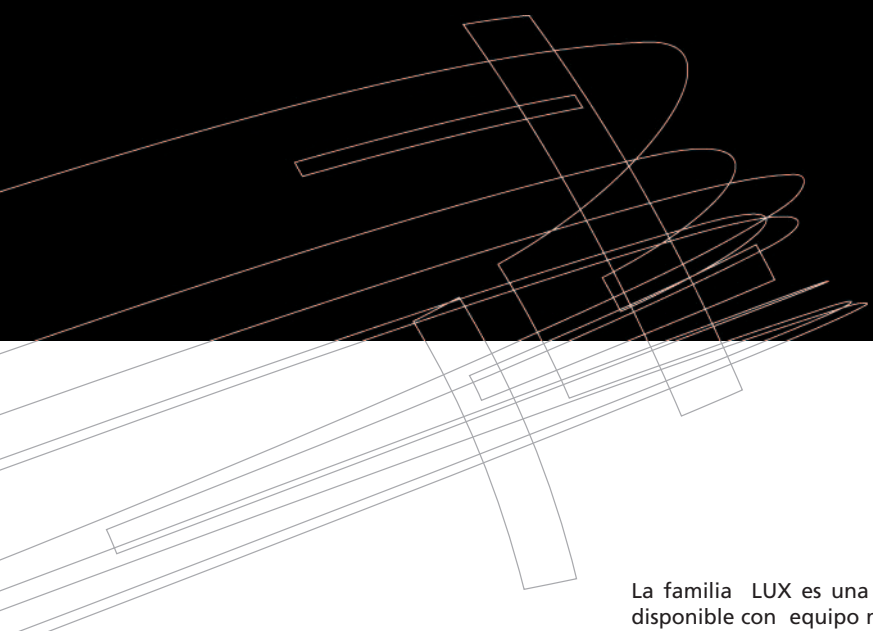
Peso | Weight | Poids: 0,70 Kg.

Accesorios no incluidos (Ver pág. 61) Accessories not included (See page 61) Accessoires non inclus (Voir page 61)

* Lámpara incluida Bulb included Ampoule inclus

** Driver incluido Driver included Driver inclus





LUX

La familia LUX es una serie de downlights para lámparas fluorescentes compactas disponible con equipo magnético o equipo electrónico. Este modelo, de diseño sencillo y funcional, incorpora un reflector en aluminio de alta pureza y difusor de cristal templado opal con marco de acero en blanco o níquel mate.

The LUX family is a series of downlights for compact fluorescent lamps available with magnetic or electrical equipment . This simple and functional design model features a high pure aluminium reflector and an opal temperate cristal diffuser with steel frame in white or matt nickel.

La famille LUX est une série de downlights pour ampoules fluorescentes compactes disponible avec ballast magnétique ou électronique. Ce modèle à design simple et fonctionnel incorpore un réflecteur en aluminium haute pureté et un diffuseur en verre trempé opale à encadrement en acier en blanc ou nickel mat.





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Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
2 x TC-D 18 W	02010401 02010404	71
2 x TC-D 26 W	02010301 02010304	71
2 x TC-DEL 18 W	02010201 02010204	71
2 x TC-DEL 26 W	02010101 02010104	71
NEW 2 x TC-DEL 26 W Regul. Dimm. Dimm. DALI	02010801 02010804	71
NEW 2 x TC-DEL 26 W Regul. Dimm. Dimm. 1-10V	02010701 02010704	71
2 x TC-DEL 18 W EMERG. 1 h.	02010501 02010504	71
2 x TC-DEL 26 W EMERG. 1 h.	02010601 02010604	71



Detalles Overview Détails

Fácil instalación

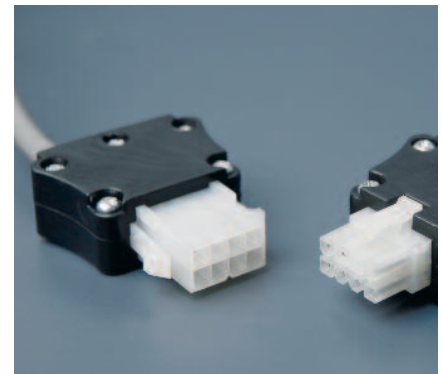
La caja de alojamiento del equipo es metálica con sistema de conexión rápida, para simplificar la instalación del aparato.

Easy installation

The housing box of the equipment is made of metal with a fast connecting system in order to simplify the installation of the device.

Installation facile

Le boîtier de logement du ballast est métal avec système de connection rapide, pour simplifier l'installation de l'appareil.



Confort visual

El difusor es de cristal templado opal para conseguir un alto confort lumínico.

Visual comfort

The diffuser is made of opal tempered glass to allow for an high luminic comfort.

Confort visuel

Le diffuseur est en verre trempé opale pour permettre d'obtenir un haut confort lumineque.

LUX luminaria empotrable lámpara TC-D o TC-DEL

Luminaria downlight circular para lámparas fluorescentes compactas, para equipos electrónicos y magnéticos.
Disponible también en versión regulable para sistema DALI o 1-10V o con equipo de emergencia.

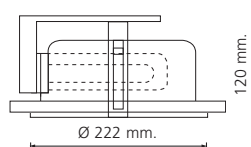
LUX downlight for TC-D or TC-DEL

Round downlight luminaire for fluorescent lamps for electronic and magnetic gear.
Also available in adjustable version for DALI or 1-10V system or with emergency equipments.

LUX luminaire encastrable ampoule TC-D ou TC-DEL

Luminaire encastrable circulaire pour ampoules compactes pour ballasts électroniques et magnétiques.
Également disponible en version réglable pour système DALI ou 1-10V ou avec un équipement d'urgence.

Información técnica | Technical information | Information technique



TC-D *

Ref.		W	Lm		
02010401	2 x G24d-2	18	2400	ELT**	029
02010404					
02010301	2 x G24d-3	26	3600	ELT**	030
02010304					

Peso | Weight | Poids: 1,90 Kg.

TC-DEL *

Ref.		W	Lm		
02010201	2 x G24q-2	18	2400	ELT**	031
02010204					
02010101	2 x G24q-3	26	3600	ELT**	032
02010104					

Peso | Weight | Poids: 1,40 Kg.

REGULABLE DIMMABLE DIMMABLE DALI

NEW

02010801	2 x G24q-3	26	3600	VOSSLOH ** ELECTRONIC	032
02010804					

Peso | Weight | Poids: 1,50 Kg.

REGULABLE DIMMABLE DIMMABLE 1-10V

NEW

02010701	2 x G24q-3	26	3600	VOSSLOH ** ELECTRONIC	032
02010704					

Peso | Weight | Poids: 1,50 Kg.

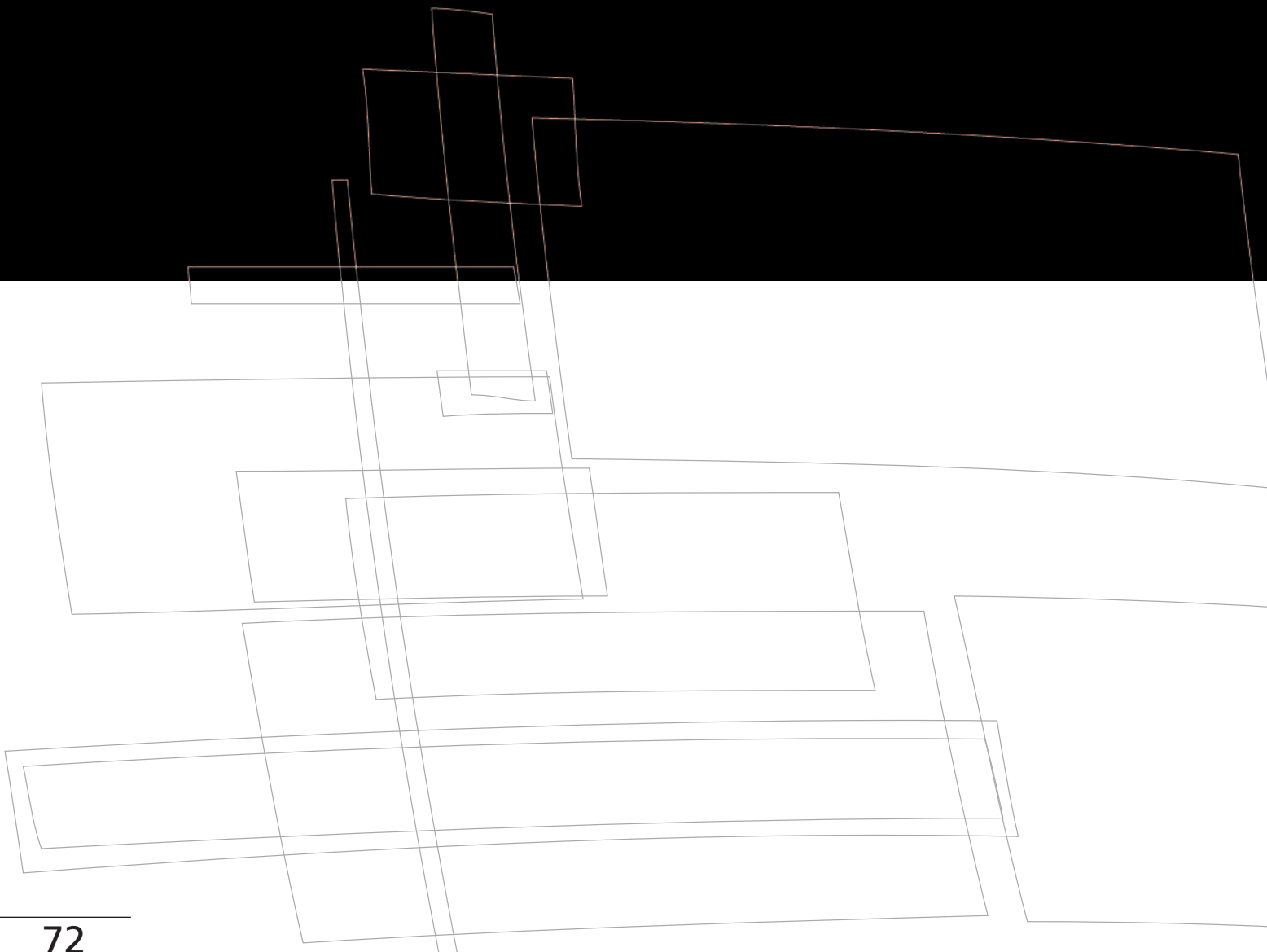
EMERGENCIA EMERGENCY EMERGENCIE

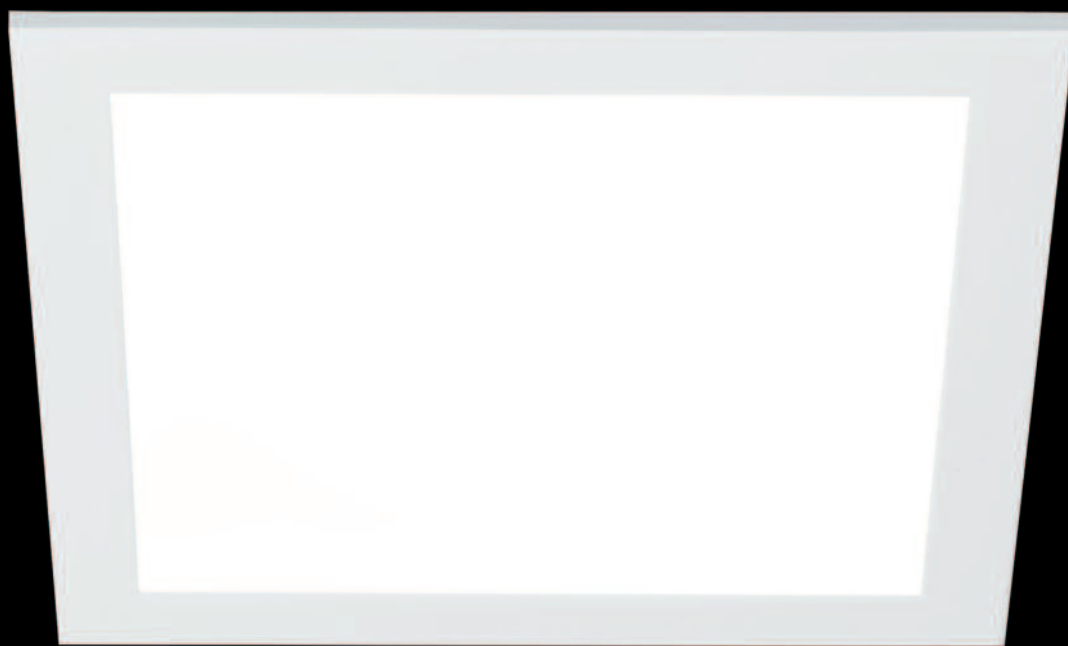
02010501	2 x G24q-2	18	2400	TRIDONIC 1h. ** ELECTRONIC	031
02010504					
02010601	2 x G24q-3	26	3600	TRIDONIC 1h. ** ELECTRONIC	032
02010604					

Peso | Weight | Poids: 2,05 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus





HORMA

La luminaria HORMA es un empotrable cuadrado de proporciones reducidas para lámparas fluorescentes compactas.
El cuerpo está fabricado en nylon de alta resistencia y el marco en aluminio inyectado en tres acabados: blanco, negro y gris con difusor opal.

The HORMA is a square recessed luminaire of reduced proportions for compact fluorescent lamps .
The body is made in highly resistant nylon and the frame in die cast aluminium with three finish: white, black and grey with opal diffuser.

Le luminaire HORMA est un encastrable carré à proportions réduites pour ampoules fluorescentes compactes.
Le corps est fabriqué en nylon à haute résistance et l'encadrement en aluminium injecté en trois finitions: blanc, noir, et gris avec diffuseur opale .



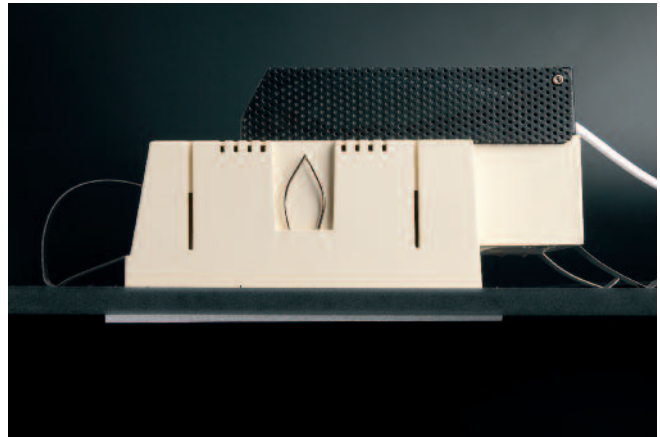


Indice Index Index

Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
2 x TC-DEL 13 W	02040101 02040102 02040103	78
2 x TC-DEL 18 W	02040201 02040202 02040203	78
2 x TC-DEL 26 W	02040301 02040302 02040303	79
NEW 2 x TC-DEL 26 W Regul. Dimm. Dimm. DALI	02040701 02040702 02040703	79
NEW 2 x TC-DEL 26 W Regul. Dimm. Dimm. 1-10V	02040601 02040602 02040603	79
2 x TC-DEL 18 W EMERG. 1 h.	02040401 02040402 02040403	79
2 x TC-DEL 26 W EMERG. 1 h.	02040501 02040502 02040503	79



Detalles Overview Détails



Fácil instalación

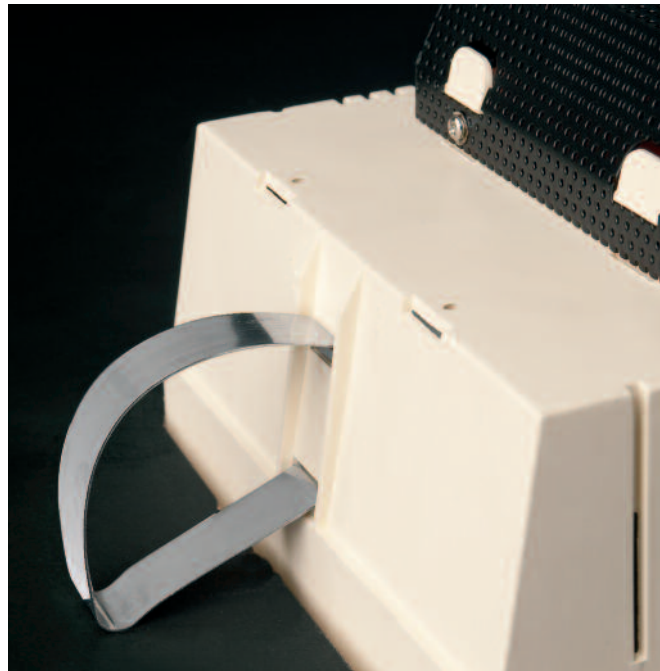
El sistema de anclaje del modelo HORMA consta de patillas metálicas de sujeción que permiten un fácil y rápido montaje sin el uso de herramientas.

Easy installation

The anchoring system of the HORMA model features three metallic fastening prongs to allow an easy assembly with no need of tools.

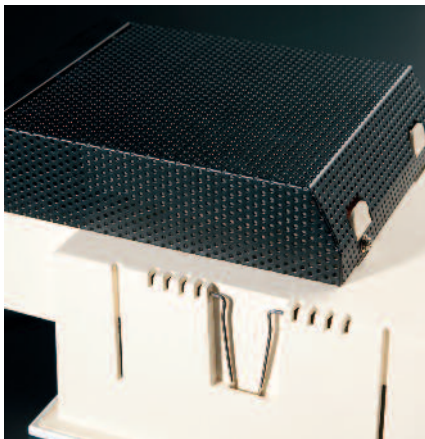
Installation facile

Le système de fixation du modèle HORMA comprend des pattes métalliques de fixation qui permettent un montage facile et rapide sans avoir à utiliser d'outils.



Funcionalidad

En la parte superior de la luminaria se encuentra la caja porta equipos con tapa abatible microperforada para facilitar el acceso a los mismos.



Functionality

On the top of the luminaire there is a box to house the equipments with a perforated folding cover to facilitate the access to them.



Fonctionnalité

Sur la partie supérieure du luminaire on trouve le boîtier du ballast avec couvercle rabattable microperforée pour faciliter l'accès à celui-ci.

Fácil accesibilidad

La reposición de las lámparas es muy sencilla gracias al sistema de portalámparas abatible. El marco queda suspendido del cuerpo de la luminaria para evitar roturas.

Easy access

The substitution of the lamps is very easy thanks to the folding socket system. The frame remains hanging from the body of the luminaire to prevent it from breakings.

Accessibilité facile

Le remplacement des ampoules est très simple grâce au système de douilles rabattables. L'encadrement reste suspendu du corps du luminaire pour éviter les casses.





HORMA luminaria downlight para dos TC-DEL

Luminaria downlight cuadrada en nylon y aluminio inyectado para dos TC-DEL de 13 W, 18 W o 26 W. Disponible también en versión regulable para sistema **DALI** o **1-10V** o con equipo de emergencia.

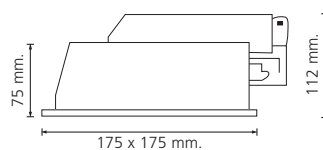
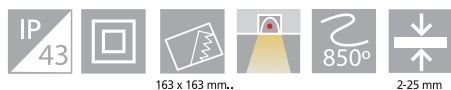
HORMA downlight for two TC-DEL

Square downlight in die cast aluminium and nylon with two 13 W, 18 W or 26 W TC-DEL. Also available in adjustable version for **DALI** or **1-10V** system or with emergency equipments.













HORMA luminaire encastrable pour deux TC-DEL

Luminaire encastrable carré en aluminium injecté et nylon de deux TC-DEL de 13 W, 18 W ou 26 W. Également disponible en version réglable pour système **DALI** ou **1-10V** ou avec un équipement d'urgence.

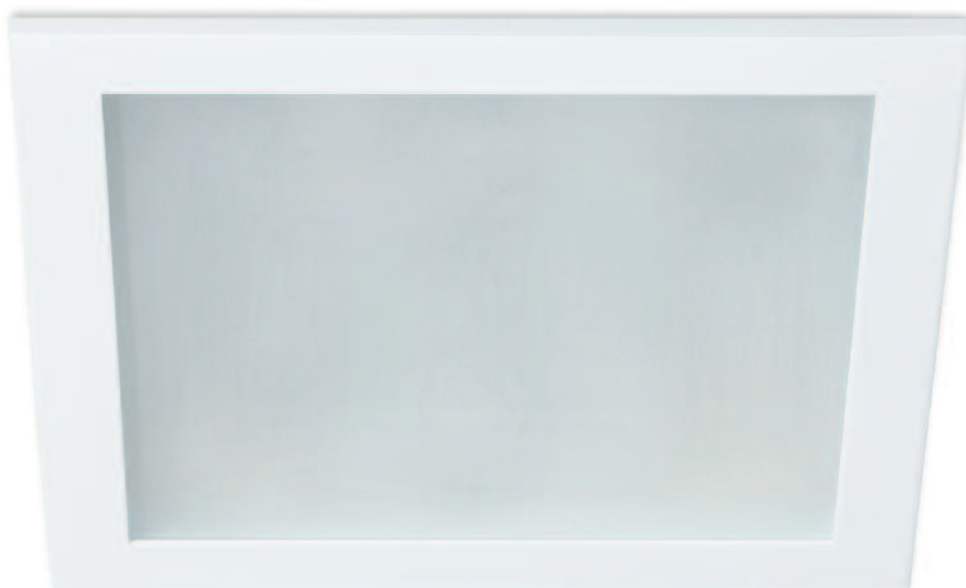
Información técnica | Technical information | Information technique







TC-DEL *

Ref.		W	Lm			
02040101		2 x G24q-1	13	1800	ELT**	
02040102						034
02040103						
02040201		2 x G24q-2	18	2400	ELT**	
02040202						035
02040203						
02040301		2 x G24q-3	26	3600	ELT**	
02040302						033
02040303						

Peso | Weight | Poids: 0,92 Kg.



 **TC-DEL ***

Ref.		W	Lm		
REGULABLE DIMMABLE DIMMABLE DALI					
02040701	<input type="radio"/>				
02040702	<input checked="" type="radio"/>	2 x G24q-3	26	3600	VOSSLOH ** ELECTRONIC
02040703	<input type="radio"/>				033

NEW

Peso | Weight | Poids: 1,02 Kg.

REGULABLE DIMMABLE DIMMABLE 1-10V					
02040601	<input type="radio"/>				
02040602	<input checked="" type="radio"/>	2 x G24q-3	26	3600	VOSSLOH ** ELECTRONIC
02040603	<input type="radio"/>				033

NEW

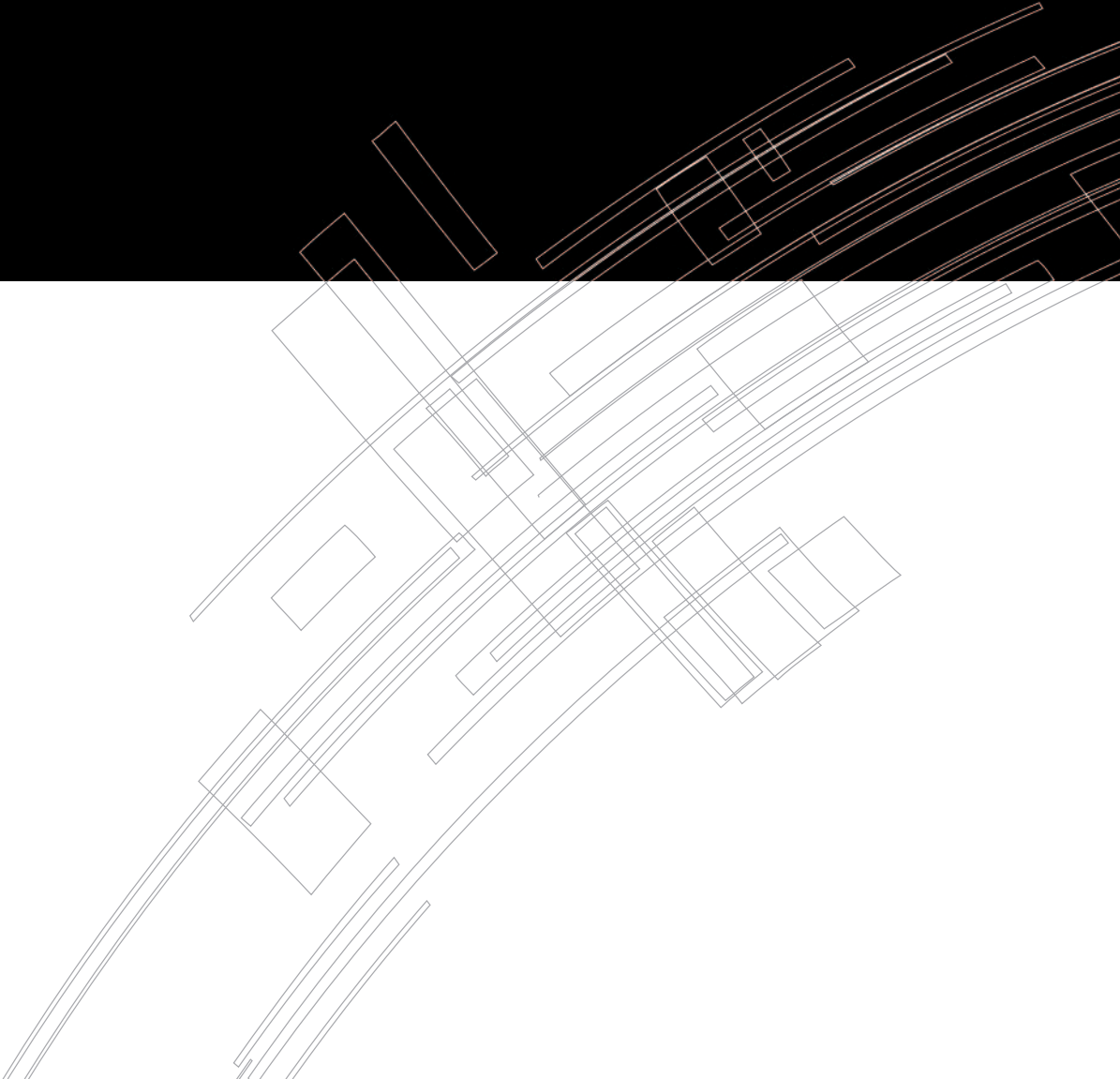
Peso | Weight | Poids: 1,02 Kg.

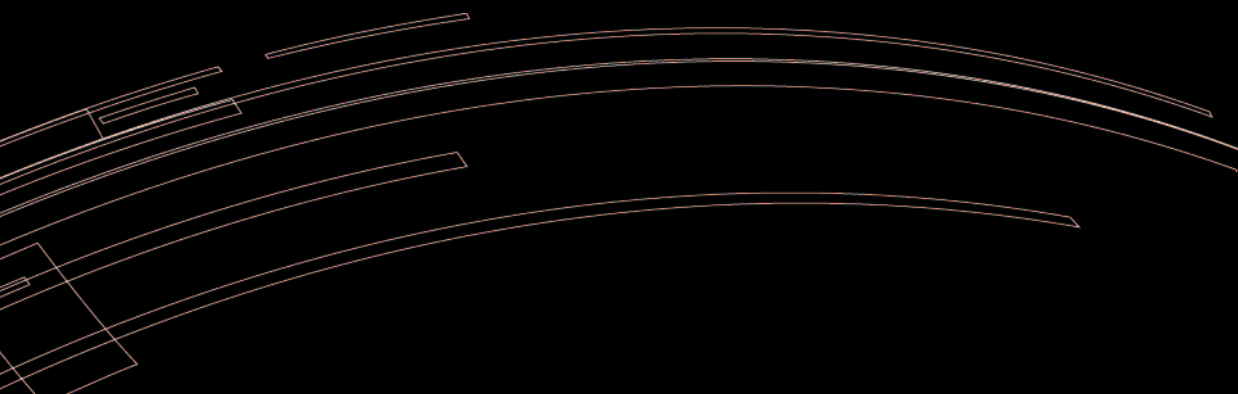
EMERGENCIA EMERGENCY EMERGENCIE					
02040401	<input type="radio"/>				
02040402	<input checked="" type="radio"/>	2 x G24q-2	18	2400	TRIDONIC 1h. ** ELECTRONIC
02040403	<input type="radio"/>				035
02040501	<input type="radio"/>				
02040502	<input checked="" type="radio"/>	2 x G24q-3	26	3600	TRIDONIC 1h. ** ELECTRONIC
02040503	<input type="radio"/>				033

Peso | Weight | Poids: 1,57 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus





ATOM

La familia ATOM se compone de una serie de luminarias empotrables para fluorescencia compacta y lámparas de descarga. El cuerpo está fabricado íntegramente en aluminio con reflector de aluminio de alta pureza. Incorpora un sistema de anclaje al techo sin herramientas para facilitar la instalación.

The ATOM family is made up of a series of recessed luminaries for compact fluorescent and discharge lamps.

The body is made integrally of aluminium with a high pure aluminium reflector. It features a system to anchor it on the ceiling without the need of tools in order to make its installation simple.

La famille ATOM se compose d'une série de luminaires encastrables pour une fluorescence compacte et des ampoules à décharge.

Le corps est intégralement fabriqué en aluminium avec réflecteur en aluminium haute pureté. Il est doté d'un système de fixation au plafond sans outils, pour en faciliter l'installation.



Sistemas empotrables
Downlight system
Système encastrable

Indice Index Index

Lámpara	Bulb	Ampoule	Ref.	Ref.	Ref.	Página	Page	Page
SIN CRISTAL WITHOUT GLASS SANS VERRE								
1 x TC-D	26 W		02030101	02030102	02030103	86		
2 x TC-D	18 W		02030201	02030202	02030203	86		
2 x TC-D	26 W		02030301	02030302	02030303	86		
1 x TC-DEL	26 W		02030401	02030402	02030403	87		
2 x TC-DEL	18 W		02030601	02030602	02030603	87		
2 x TC-DEL	26 W		02030701	02030702	02030703	87		
NEW 2 x TC-DEL	26 W	Regul. Dimm. Dimm. DALI	02030901	02030902	02030903	87		
NEW 2 x TC-DEL	26 W	Regul. Dimm. Dimm. 1-10V	02032001	02032002	02032003	87		
2 x TC-DEL	18 W	Emerg. Emerg. Emerg.	02033201	02033202	02033203	87		
2 x TC-DEL	26 W	Emerg. Emerg. Emerg.	02033301	02033302	02033303	87		
1 x TC-TEL	32/42 W		02030501	02030502	02030503	87		
2 x TC-TEL	32/42 W		02030801	02030802	02030803	87		
CON CRISTAL WITH GLASS AVEC VERRE								
1 x TC-D	26 W		02031101	02031102	02031103	88		
2 x TC-D	18 W		02031201	02031202	02031203	88		
2 x TC-D	26 W		02031301	02031302	02031303	88		
1 x TC-TEL	26 W		02031401	02031402	02031403	89		
2 x TC-DEL	18 W		02031601	02031602	02031603	89		
2 x TC-DEL	26 W		02031701	02031702	02031703	89		
NEW 2 x TC-DEL	26 W	Regul. Dimm. Dimm. DALI	02031901	02031902	02031903	89		
NEW 2 x TC-DEL	26 W	Regul. Dimm. Dimm. 1-10V	02032301	02032302	02032303	89		
2 x TC-DEL	18 W	Emerg. Emerg. Emerg.	02033401	02033402	02033403	89		
2 x TC-DEL	26 W	Emerg. Emerg. Emerg.	02033501	02033502	02033503	89		
1 x TC-TEL	32/42 W		02031501	02031502	02031503	89		
2 x TC-TEL	32 W		02031801	02031802	02031803	89		
1 x HIT-DE	70 W		02033001	02033002	02033003	91		
1 x HIT-DE	150 W		02033101	02033102	02033103	91		
ASIMÉTRICO WALL WASHER ASIMÉTRIQUE								
1 x TC-DEL	26 W		02032101	02032102	02032103	90		
2 x TC-DE	70/150 W		02032201	02032202	02032203	90		



Detalles Overview Détails

Fácil instalación

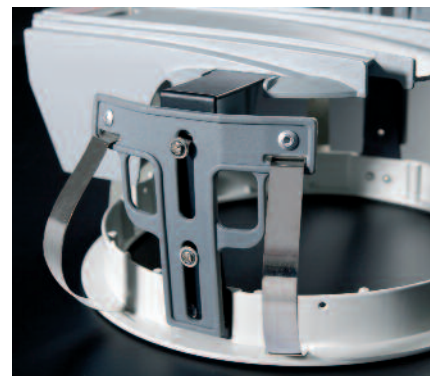
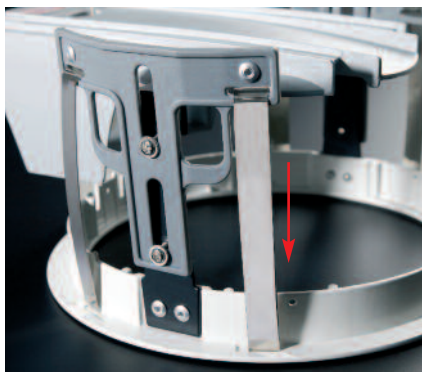
Para facilitar la instalación incorpora un sistema de anclaje con muelles que se accionan manualmente sin necesidad de herramientas.

Easy installation

The fastening system with springs manually activated facilitates its installation, as there is no need for using tools.

Installation facile

Le système de fixation avec des ressorts sont actionnés manuellement et facilite l'installation parce que l'utilisation d'outils n'est pas nécessaire.



Fácil mantenimiento

El sistema de sujeción del reflector a la estructura a través de un hilo de aluminio permite una fácil y rápida reposición de la lámpara.

Easy maintenance

The reflector's fastening system to the structure by means of an aluminium wire allows an easy and fast substitution of the bulb.

Maintenance facile

Le système de fixation du réflecteur à la structure se fait par le biais d'un fil en aluminium ce qui permet un remplacement facile et rapide de la ampoule.

Materiales

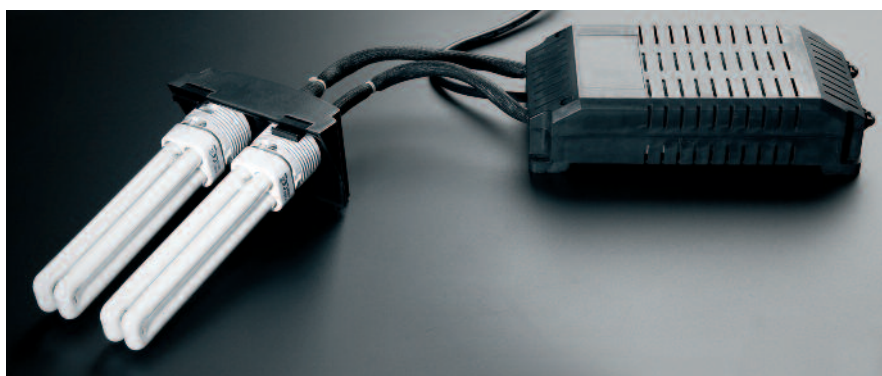
Fabricado íntegramente en aluminio incluso el cuerpo donde se alojan los portalámparas de PVC extraíbles.

Materials

Made integrally in aluminium, even the body, where the removable PVC sockets are housed.

Matériaux

Intégralement fabriqué en aluminium même le corps où sont logées les douilles en PVC extractibles..



Disipador de calor

El modelo para lámparas de descarga incorpora disipador de calor en aluminio para mejorar la circulación del aire y alargar la vida útil de la lámpara.

Heat dissipator

The model for discharge lamps features a heat dissipator of aluminium to enhance the air flow and make use life of the lamp longer.

Dissipateur de chaleur

Le modèle pour ampoules à décharge incorpore un dissipateur de chaleur en aluminium pour améliorer la circulation de l'air et rallonger la vie utile de la ampoule.

Máximo rendimiento

El reflector de aluminio de un 99% de pureza asegura un alto rendimiento lumínico y unas prestaciones de las lámparas constantes en el tiempo.

Maximum performance

The 99% pure aluminium reflector ensures a high luminic performance and a constant use of the lamp along time.

Rendement maximum

Le réflecteur en aluminium à 99% de pureté assure un haut rendement lumineux et les prestations des ampoules constantes dans le temps.

Estructura de aluminio

La estructura de aluminio es ligera y resistente.

Aluminium structure

The aluminium structure is lightweight and strong.

Structure en aluminium

Le cadre en aluminium est léger et résistant.



ATOM luminaria empotrable lámpara TC-D, TC-DEL o TC-TEL

Luminaria empotrable de techo en aluminio para TC-D con equipo magnético ELT incluido, para TC-DEL o TC-TEL con equipo electrónico ELT incluido. Disponible también en versión regulable para sistema **DALI** o **1-10V** o con equipo de emergencia.

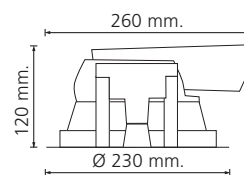
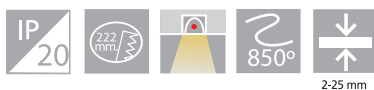
ATOM downlight for TC-D, TC-DEL or TC-TEL

Aluminium ceiling recessed luminaire for TC-D with magnetic ELT equipment include, for TC-DEL or TC-TEL with ELT equipment included. Also available in adjustable version for **DALI** or **1-10V** system or with emergency equipments.

ATOM luminaire encastrable pour ampoule TC-D, TC-DEL ou TC-TEL

Luminaire encastrable en aluminium pour TC-D avec ballast magnétique ELT inclus, pour TC-DEL ou TC-TEL avec ballast électronique ELT inclus. Également disponible en version réglable pour système **DALI** ou **1-10V** ou avec un équipement d'urgence.













Información técnica | Technical information | Information technique



Ref.		W	M9	
02030101	○	1 x G24d-3	26	ELT**
02030102	●			
02030103	●			
02030201	○	2 x G24d-2	18	ELT**
02030202	●			
02030203	●			
02030301	○	2 x G24d-3	26	ELT**
02030302	●			
02030303	●			

Peso | Weight | Poids: 1,36 Kg.




 **TC-DEL *** 

Ref.		W		
02030401 	1 x G24q-3	26	ELT**	039
02030402 				
02030403 				
02030601 	2 x G24q-2	18	ELT**	040
02030602 				
02030603 				
02030701 	2 x G24q-3	26	ELT**	041
02030702 				
02030703 				

Peso | Weight | Poids: 1,36 Kg.

REGULABLE DIMMABLE DIMMABLE DALI




NEW

02030901 	2 x G24q-3	26	VOSSLOH ** ELECTRONIC	041
02030902 				
02030903 				

Peso | Weight | Poids: 1,46 Kg.







REGULABLE DIMMABLE DIMMABLE 1-10V

NEW

02032001 	2 x G24q-3	26	VOSSLOH ** ELECTRONIC	041
02032002 				
02032003 				










Peso | Weight | Poids: 1,46 Kg.

EMERGENCIA EMERGENCY EMERGENCIE

02033201 	2 x G24q-2	18	TRIDONIC 1h. ** ELECTRONIC	040
02033202 				
02033203 				
02033301 	2 x G24q-3	26	TRIDONIC 1h. ** ELECTRONIC	041
02033302 				
02033303 				

Peso | Weight | Poids: 2,01 Kg.

 **TC-TEL *** 

Ref.		W		
02030501 	1 x GX24q-3/q-4	32/42	ELT**	042 (32W)
02030502 				043 (42W)
02030503 				
02030801 	2 x GX24q-3/q-4	32/42	ELT**	044 (32W)
02030802 				045 (42W)
02030803 				

Peso | Weight | Poids: 1,36 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus



ATOM luminaria empotrable para lámpara TC-D, TC-DEL o TC-TEL con cristal

Luminaria empotrable de techo en aluminio para TC-D con equipo magnético ELT incluido, para TC-DEL o TC-TEL con equipo electrónico ELT incluido.
Disponibile también en versiones regulables **DALI** o **1-10V** con equipo de emergencia bajo pedido.

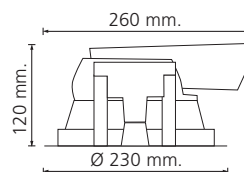
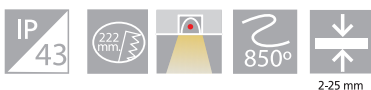
ATOM downlight for TC-D, TC-DEL or TC-TEL with glass.

Aluminium ceiling recessed luminaire for TC-D with magnetic ELT equipment include, for TC-DEL or TC-TEL with ELT equipment included.
Also available in adjustable version for **DALI** or **1-10V** system or with emergency equipments.

ATOM luminaire encastrable pour ampoule TC-D, TC-DEL ou TC-TEL avec verre.

Luminaire encastrable en aluminium pour TC-D avec ballast magnétique ELT inclus, pour TC-DEL ou TC-TEL avec ballast électronique ELT inclus. Également disponible en version réglable pour système **DALI** ou **1-10V** ou avec un équipement d'urgence.













Información técnica | Technical information | Information technique



Ref.		W	M9	
02031101	○	1 x G24d-3	26	ELT**
02031102	●			
02031103	●			
02031201	○	2 x G24d-2	18	ELT**
02031202	●			
02031203	●			
02031301	○	2 x G24d-3	26	ELT**
02031302	●			
02031303	●			

Peso | Weight | Poids: 1,36 Kg.




 **TC-DEL *** 

Ref.		W		
02031401 	1 x G24q-3	26	ELT**	049
02031402 				
02031403 				
02031601 	2 x G24q-2	18	ELT**	050
02031602 				
02031603 				
02031701 	2 x G24q-3	26	ELT**	051
02031702 				
02031703 				

Peso | Weight | Poids: 1,36 Kg.

REGULABLE DIMMABLE DIMMABLE DALI




NEW

02031901 	2 x G24q-3	26	VOSSLOH ** ELECTRONIC	051
02031902 				
02031903 				

Peso | Weight | Poids: 1,460 Kg.







REGULABLE DIMMABLE DIMMABLE 1-10V

NEW

02032301 	2 x G24q-3	26	VOSSLOH ** ELECTRONIC	051
02032302 				
02032303 				










Peso | Weight | Poids: 1,46 Kg.

EMERGENCIA EMERGENCY EMERGENCIE

02033401 	2 x G24q-2	18	TRIDONIC 1h. ** ELECTRONIC	050
02033402 				
02033403 				
02033501 	2 x G24q-3	26	TRIDONIC 1h. ** ELECTRONIC	051
02033502 				
02033503 				

Peso | Weight | Poids: 2,01 Kg.

 **TC-TEL *** 

Ref.		W		
02031501 	1 x GX24q-3/q-4	32/42	ELT**	052 (32W)
02031502 				053 (42W)
02031503 				
02031801 	2 x GX24q-3/q-4	32/42	ELT**	054 (32W)
02031802 				055 (32W)
02031803 				

Peso | Weight | Poids: 1,36 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus



ATOM luminaria empotrable asimétrico para lámpara TC-DEL con cristal.

Bañador de pared de instalación en techo en aluminio para TC-DEL con equipo electrónico incluido disponible en varias potencias lumínicas dotado de reflector antideslumbrante.

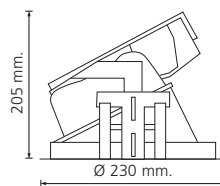
ATOM wall washer for TC-DEL with glass.

Wall washer to be installed on the ceiling, made of aluminium for TC-DEL with electronic equipment included. Available in different luminic power and a non-dazzling reflector.










ATOM luminaire encastrable asymétrique pour ampoule TC-DEL avec verre.

Lumière encastrable d'ambiance pour TC-DEL avec ballast électronique inclus disponible en plusieurs puissances lumineuses doté de réflecteur anti-éblouissement.

Información técnica | Technical information | Information technique



TC-DEL *

Ref.		W		
02032101 	1 x G24q-3	26	ELT**	056
02032102 				
02032103 				
02032201 	2 x G24q-3	26	ELT**	057
02032202 				
02032203 				

Peso | Weight | Poids: 1,65 Kg.



ATOM luminaria empotrable para lámpara de descarga HIT-DE

Luminaria empotrable en aluminio para HIT-DE de 70 y 150 W.

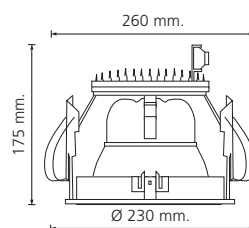
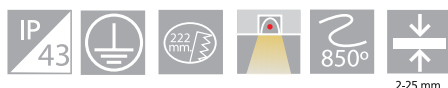
ATOM downlight for HIT-DE discharge lamp

Aluminium ceiling recessed lamp for HIT-DE 70 and 150 W.









ATOM luminaire encastrable pour ampoule de décharge HIT-DE

Luminaire encastrable pour ampoule de décharge en aluminium pour HIT-DE 70 et 150 W.

Información técnica | Technical information | Information technique

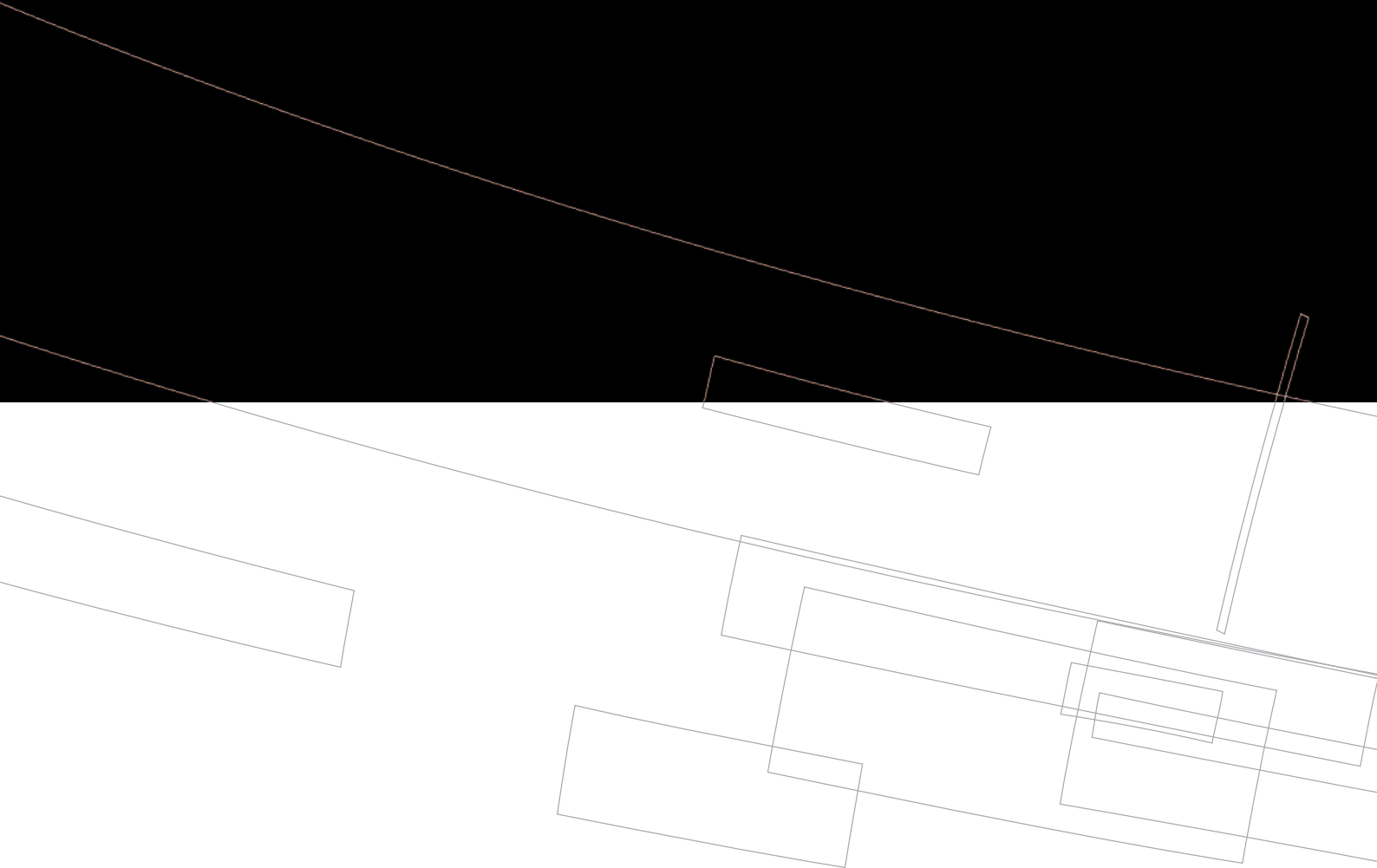


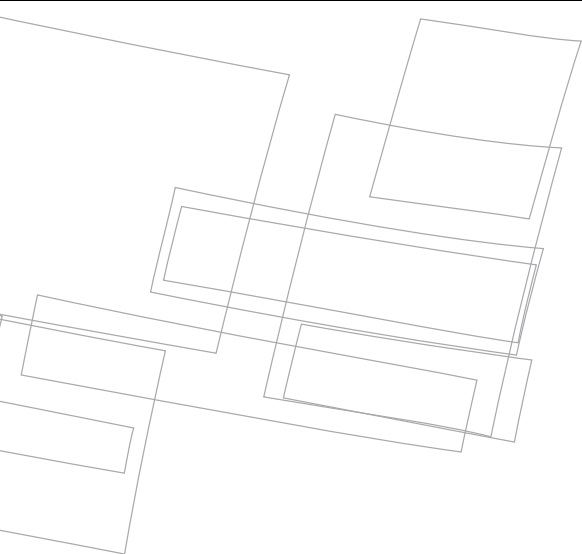
HIT-DE *

Ref.		W	GEAR	
02033001		1 x RX7s	70	058
02033002				
02033003				
02033101		1 x RX7s	150	059
02033102				
02033103				

Peso | Weight | Poids: 1,30 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)
** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non inclus (Voir page 257)





GINGKO

La familia GINGKO es una serie de empotrables para lámparas QR-111. Incorpora un sistema de anclaje que facilita la instalación de la luminaria.

Esta familia está disponible en dos versiones: una con marco de acero en tres acabados (blanco, negro y gris) y otra versión sin marco exterior que incluye un premarco de montaje metálico para conseguir que la luminaria quede perfectamente integrada en la superficie.

The GINGKO family is a series of recessed squares for QR-111 lamps. It features an anchoring system that facilitates the installation of the luminaire.

This family is available in two versions: one with steel frame in three finish (white, black and grey) and another without outer which includes metal mounting edge brackets to ensure that the fixture is perfectly flush with the surface.

La famille GINGKO est une série d'encastables pour ampoules QR-111. Elle incorpore un système de fixation qui facilite l'installation du luminaire.

Cette famille est disponible en deux versions: une avec encadrement en acier en trois finitions (blanc, noir et gris) et une autre sans encadrement extérieur qui inclut un pré-cadre de montage métallique afin que le luminaire soit parfaitement intégré dans la surface.





Indice Index Index

CON MARCO WITH FRAME AVEC ENCADREMENT		
Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
1 x QR-111 Max. 100 W	03030101 03030102 03030103	97
2 x QR-111 Max. 100 W	03030201 03030202 03030203	98
3 x QR-111 Max. 100 W	03030301 03030302 03030303	99
4 x QR-111 Max. 100 W	03030401 03030402 03030403	100

SIN MARCO WITHOUT FRAME SANS ENCADREMENT		
Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
1 x QR-111 Max. 100 W	03040102	97
2 x QR-111 Max. 100 W	03040202	98
3 x QR-111 Max. 100 W	03040302	99
4 x QR-111 Max. 100 W	03040402	100



Detalles Overview Détails

Amplitud lumínica

En toda la serie los portalámparas son totalmente orientables a 360°, para permitir un control completo sobre el haz de luz.

Broadness of light

The sockets are totally 360° multi-directional in all the series in order to allow a complete control of the light beam.

Ampleur lumineuse

Sur toute la série les douilles sont totalement orientables à 360°, afin de permettre un contrôle complet du faisceau de lumière.



Fácil reposición

En cada modelo el portalámpara es extraíble y se sujeta con un aro metálico para simplificar su reposición.

Easy substitution

The socket of each model is removable and it is fastened by a metallic ring to simplify its substitution.

Remplacement facile

Sur chaque modèle est extractible et se fixe à l'aide d'un anneau métallique pour simplifier son remplacement.



Fácil instalación

Incorpora un sistema de fácil anclaje que se acciona con un destornillador.

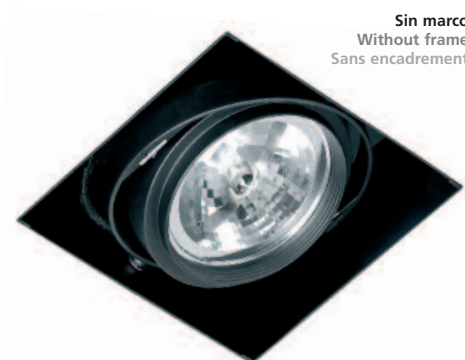
Easy installation

It features a system of easy anchoring operated with just a screwdriver.

Installation facile

Incorpore un système à fixation facile qui est actionné avec un tournevis.





Sin marco
Without frame
Sans encadrement

GINGKO luminaria empotrable 1 foco para QR-111

Luminaria tipo cardan cuadrada orientable a 360° en acero para lámpara QR-111.

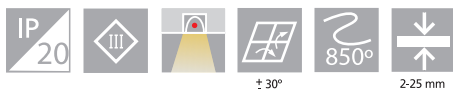
GINGKO 1 spot downlight for QR-111

360° multi-directional square cardan luminaire in steel for QR-111 lamp.

GINGKO lampe encastrable 1 spot pour QR-111

Luminaire cardan carré orientable à 360° en acier pour ampoule QR-111.

Información técnica | Technical information | Information technique



170 x 175 mm.



QR-111 *

CON MARCO | WITH FRAME | AVEC ENCADREMENT

Ref.		V	W	GEAR	
03030101	○	1 x G53	12	Max. 100	--**
03030102	●				
03030103	●				

Peso | Weight | Poids: 1,07 Kg.



164 x 164 mm.



QR-111 *

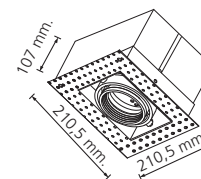
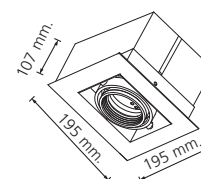
SIN MARCO | WITHOUT FRAME | SANS ENCADREMENT

Ref.		V	W	GEAR	
03040102	●	1 x G53	12	Max. 100	--**

Peso | Weight | Poids: 1,17 Kg.

Accesorio de montaje incluido (Ver pág. 121) Mounting accessory included (See page 121)

Accessoire de montage inclus (Voir page 121)



* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non inclus (Voir page 257)



GINGKO luminaria empotrable 2 focos para QR-111

Luminaria tipo cardan rectangular orientables a 360° en acero para lámpara QR-111.

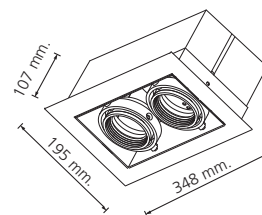
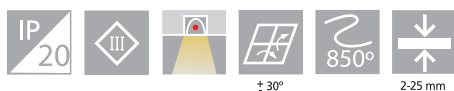
GINGKO 2 spots downlight for QR-111

360° multi-directional cardan luminaire in steel for QR-111 lamp.

GINGKO lampe encastrable 2 spots pour QR-111

Luminaire cardan carré orientable à 360° en acier pour ampoule QR-111.

Información técnica | Technical information | Information technique

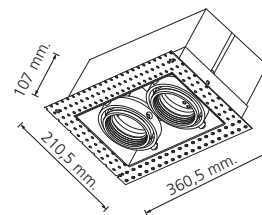


QR-111 *

CON MARCO | WITH FRAME | AVEC ENCADREMENT

Ref.	Icon	V	W	GEAR	Angle
03030201 ○	2 x G53	12	Max. 100	--**	130~145
03030202 ●					
03030203 ●					

Peso | Weight | Poids: 1,50 Kg.



QR-111 *

SIN MARCO | WITHOUT FRAME | SANS ENCADREMENT

Ref.	Icon	V	W	GEAR	Angle
03040202 ●	2 x G53	12	Max. 100	--**	130~145

Peso | Weight | Poids: 1,70 Kg.

Accesorio de montaje incluido (Ver pág. 121) Mounting accessory included (See page 121)

Accessoire de montage inclus (Voir page 121)



Sin marco
Without frame
Sans encadrement

GINGKO luminaria empotrable 3 focos para QR-111

Luminaria tipo cardan rectangular orientables a 360° en acero para lámpara QR-111.

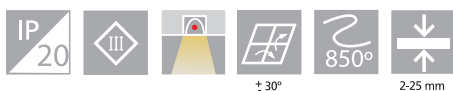
GINGKO 3 spot downlight for QR-111

360° multi-directional cardan luminaire in steel for QR-111 lamp.

GINGKO lampe encastrable 3 spots pour QR-111

Luminaire cardan rectangulaire orientable à 360° en acier pour ampoule QR-111.

Información técnica | Technical information | Information technique



QR-111 *

CON MARCO | WITH FRAME | AVEC ENCADREMENT

Ref.	Icon	V	W	GEAR	Icon	
03030301	○	3 x G53	12	Max. 100	--**	
03030302	●					130~145
03030303	●					

Peso | Weight | Poids: 2,37 Kg.



QR-111 *

SIN MARCO | WITHOUT FRAME | SANS ENCADREMENT

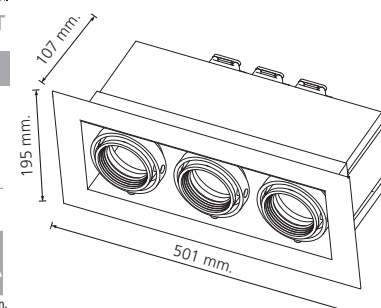
Ref.	Icon	V	W	GEAR	Icon	
03040302	●	3 x G53	12	Max. 100	--**	130~145

Peso | Weight | Poids: 2,37 Kg.

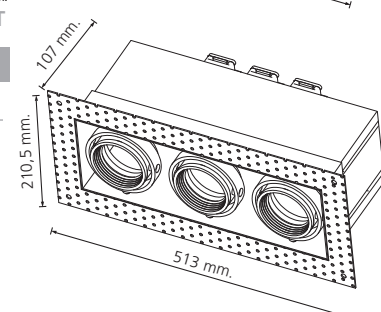
Accesorio de montaje incluido (Ver pág. 121) Mounting accessory included (See page 121)
Accessoire de montage inclus (Voir page 121)



465 x 169 mm.



466 x 164 mm.



* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)
** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non inclus (Voir page 257)



Sin marco
Without frame
Sans encadrement



GINGKO luminaria empotrable 4 focos para QR-111

Luminaria tipo cardan cuadrada orientables a 360° en acero para lámpara QR-111.

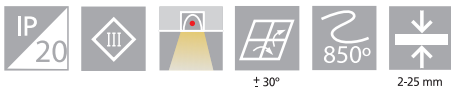
GINGKO 4 spot downlight for QR-111

360° multi-directional square cardan luminaire in steel for QR-111 lamp.

GINGKO lampe encastrable 4 spots pour QR-111

Luminaire cardan carré orientable à 360° en acier pour ampoule QR111.

Información técnica | Technical information | Information technique



313 x 318 mm.



QR-111 *

CON MARCO | WITH FRAME | AVEC ENCADREMENT

Ref.		V	W	GEAR	
03030401	○				
03030402	●	4 x G53	12	Max. 100	--**
03030403	●				130~145

Peso | Weight | Poids: 3,20 Kg.



314 x 314 mm.



QR-111 *

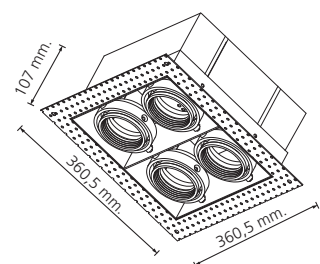
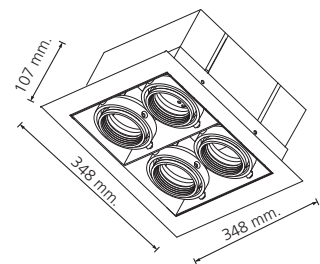
SIN MARCO | WITHOUT FRAME | SANS ENCADREMENT

Ref.		V	W	GEAR	
03040402	●	4 x G53	12	Max. 100	--**
					130~145

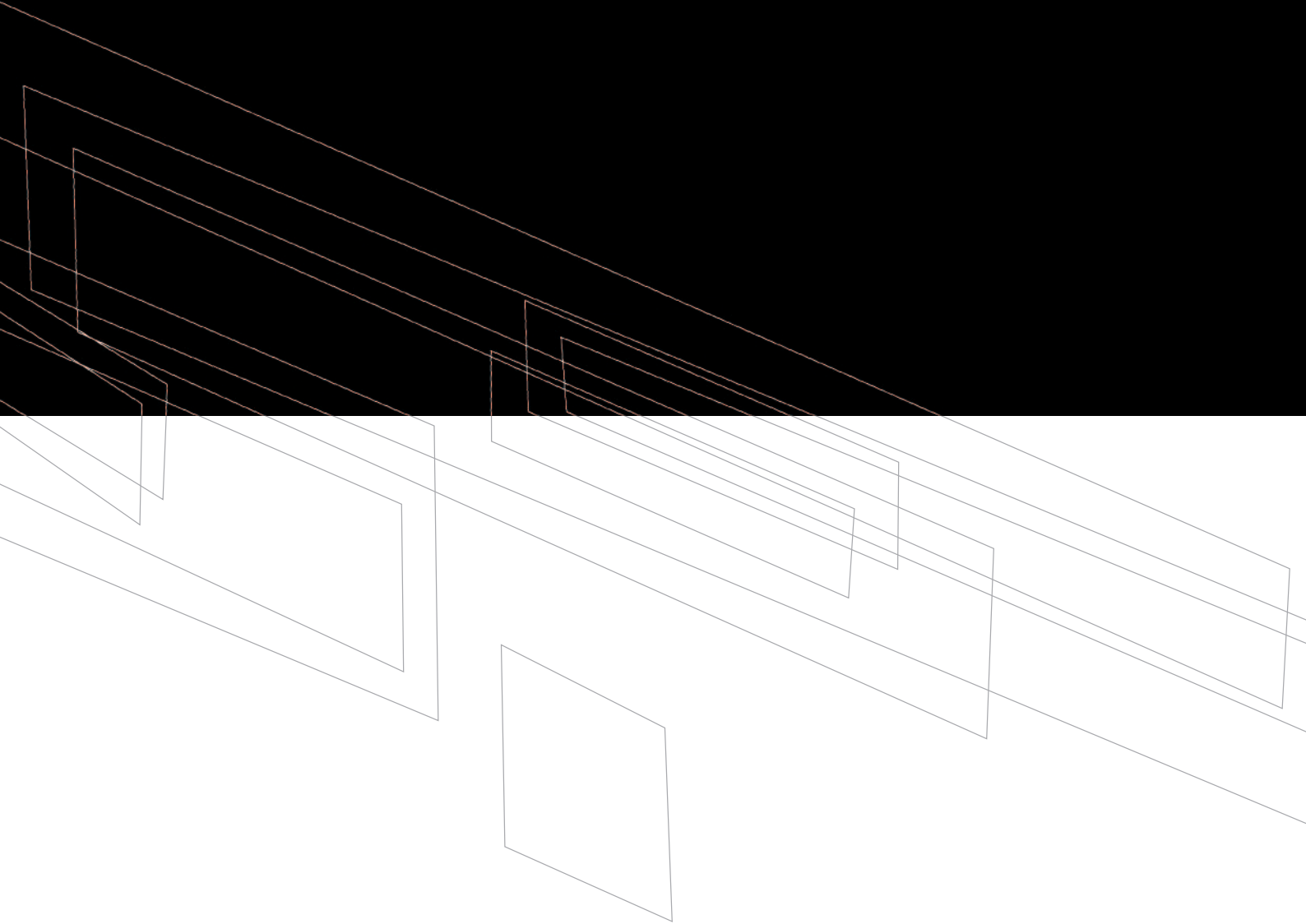
Peso | Weight | Poids: 2,91 Kg.

Accesorio de montaje incluido (Ver pág. 121) Mounting accessory included (See page 121)

Accessoire de montage inclus (Voir page 121)









MORRIS

La serie MORRIS se caracteriza por su versatilidad al disponer de fuentes de luz totalmente independientes. Ofrecemos 4 opciones de portalámparas para cubrir las diversas exigencias lumínicas existentes: Portalámparas independientes para QR-111, CDM-R111 y HIT-T este último disponible con reflector de 12° y 38°. El cuerpo es de acero lacado negro y el marco está disponible en 3 acabados (blanco, negro y gris). También disponible la versión sin marco exterior que incluye un premarco de montaje metálico para conseguir que la luminaria quede perfectamente integrada en la superficie.

The MORRIS series main feature is its versatility, as it has totally independent light sources. We offer two options of sockets in order to meet the various existing luminic needs: Independent sockets for QR-111, CDM-R111 and HIT-T. The latter one is available with 12° and 38° reflector. The body is made of black lacquer steel and the frame is available in 3 finish (white, black and grey). Also available in a version without external frame but including metal mounting edge brackets.

La série MORRIS se caractérise par sa versatilité puisqu'elle dispose de sources de lumière totalement indépendantes. Nous proposons 4 options de douilles pour couvrir les différentes exigences lumineuses existantes: Douilles indépendantes pour QR-111, CDM-R111 et HIT-T cette dernière étant disponible avec réflecteur de 12° et 38°. Le corps est en acier laqué noir et l'encadrement est disponible en 3 finitions (blanc, noir et gris). Également disponible une version sans cadre extérieur qui comprend un pré-cadre de montage métallique.





Sistemas empotrables Downlight system Système encastrable

Indice Index Index

CON MARCO WITH FRAME AVEC ENCADREMENT		
Modelo Model Modele	Ref. Ref. Réf.	Página Page Page
1 LÁMPARA 1 BULB 1 AMPOULE	03050101 03050102 03050103	108
2 LÁMPARAS 2 BULBS 2 AMPOULES	03050201 03050202 03050203	109
3 LÁMPARAS 3 BULBS 3 AMPOULES	03050301 03050302 03050303	110
4 LÁMPARAS 4 BULBS 4 AMPOULES	03050401 03050402 03050403	111

SIN MARCO WITHOUT FRAME SANS ENCADREMENT		
Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
NEW 1 LÁMPARA 1 BULB 1 AMPOULE	03090102	108
NEW 2 LÁMPARAS 2 BULBS 2 AMPOULES	03090202	109
NEW 3 LÁMPARAS 3 BULBS 3 AMPOULES	03090302	110
NEW 4 LÁMPARAS 4 BULBS 4 AMPOULES	03090402	111

LÁMPARAS Y REFLECTORES BULBS AND REFLECTORS AMPOULES ET REFLECTEURS		
Portalámp. Lampholders Douille	Ref. Ref. Réf.	Página Page Page
QR-111 Máx. 100 W Max.	03059601 03059602 03059603	107
CDM-R111 35/70 W	03059701 03059702 03059703	107
HIT-T 38° 35/70/150 W	03059801 03059802 03059803	107
HIT-T 12° 35/70/150 W	03059901 03059902 03059903	



Detalles Overview Détails

Versatilidad

El cuerpo está preparado para alojar cuatro modelos de portalámparas.

Versatility

The body is prepared to house four models of sockets.

Versatilité

Le corps est préparé pour loger quatre modèles de douilles



Fácil instalación

El modelo MORRIS cuenta con una caja de fácil instalación gracias a las patillas de sujeción a techo. Los anclajes vienen integrados en el cuerpo de la luminaria y son fácilmente ajustables con un destornillador.

La reposición de las lámparas es muy sencilla gracias al sistema de patillas que incorpora el portalámpara.

Easy installation

The MORRIS model has an easy installation box thanks to the prongs that fasten it to the ceiling. the anchoring are integrated into the body of the luminaire and are easily adjustable with a screwdriver. The substitution of the lamps is very simple thanks to the prongs system that the socket features.

Installation facile

Le modèle MORRIS dispose d'un boîtier d'installation facile grâce aux pattes de fixation au plafond. Les ancrages sont intégrés dans le corps du luminaire et sont facilement réglables à l'aide d'un tournevis. Le remplacement des ampoules est très simple grâce au système de pattes que la douille incorpore.



Información

El cuerpo y el portalámparas se suministran separadamente. Para los portalámparas, ver pág. 107.

Information

The body and the lampholder are provided separately. For lampholders, see page 107.

Information

Le corps et la douille sont fournis séparément. Pour les douilles, voir page 107.

Portalámparas Lampholders Douilles



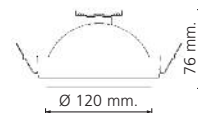
QR-111

Información técnica | Technical information | Information technique



QR-111 *

Ref.		V	W	GEAR	
03059601	○				
03059602	●	G53	12	Max. 100	** 130~145
03059603	●				



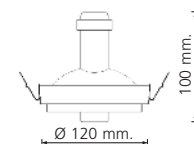
CDM-R111

Información técnica | Technical information | Information technique



CDM-R111 *

Ref.		W	
03059701	○		
03059702	●	GX8,5	20/35/70
03059703	●		146~157



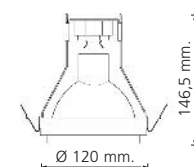
HIT-T 12°

Información técnica | Technical information | Information technique



HIT-T *

Ref.		W	GEAR	
03059901	○			060 (35W)
03059902	●	G12	35/70/150	** 061 (70W)
03059903	●			062 (150W)



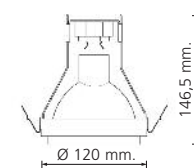
HIT-T 38°

Información técnica | Technical information | Information technique



HIT-T *

Ref.		W	GEAR	
03059801	○			063 (35W)
03059802	●	G12	35/70/150	** 064 (70W)
03059803	●			065 (150W)



Portalámparas en aluminio inyectado lacado.

Lampholder in lacquered die cast aluminium.

Douille en aluminium injecté laqué.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non inclus (Voir page 257)



Sin marco
Without frame
Sans encadrement

MORRIS cuerpo para 1 portalámparas

Luminaria tipo cardan cuadrada en acero lacado para una lámpara adaptable a diferentes tipos de portalámparas: QR-111, CDM-R111 y HIT-T con reflector de 12° y 38°.

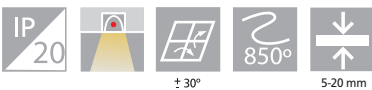
MORRIS body for 1 lampholder

Die cast aluminium square cardan luminaire for a lamp adjustable to different types of sockets: QR-111, CDM-R111 and HIT-T with 12° and 38° reflector.

MORRIS corps pour 1 douille

Luminaire cardan carré en aluminium injecté pour une ampoule adaptable à différents types de douilles: QR-111, CDM-R111 y HIT-T avec réflecteur de 12° et 38°.

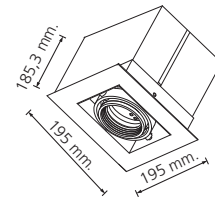
Información técnica | Technical information | Information technique



170 x 175 mm.

Adaptable | Suitable for | Adaptable pour **CON MARCO | WITH FRAME | AVEC ENCADREMENT**

Ref.	QR-111 *	CDM-R111 *	HIT-T *
03050101 ○	1	--	-- **
03050102 ●	1	--	-- **
03050103 ●	1	--	-- **



Peso | Weight | Poids: 1,20 Kg.

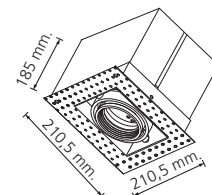
NEW



163 x 163 mm.

Adaptable | Suitable for | Adaptable pour **SIN MARCO | WITHOUT FRAME | SANS ENCADREMENT**

Ref.	QR-111 *	CDM-R111 *	HIT-T *
03090102 ●	1	--	-- **



Peso | Weight | Poids: 1,42 Kg.

Accesorio de montaje incluido (Ver pág. 121) Mounting accessory included (See page 121)

Accessoire de montage inclus (Voir page 121)



Sin marco
Without frame
Sans encadrement

MORRIS cuerpo para 2 portalámparas

Luminaria tipo cardan rectangular en acero lacado para dos lámparas adaptable a diferentes tipos de portalámparas: QR-111, CDM-R111 y HIT-T con reflector de 12° y 38°.

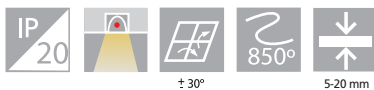
MORRIS body for 2 lampholders

Die cast aluminium cardan luminaire for a lamp adjustable to different types of sockets: QR-111, CDM-R111 and HIT-T with 12° and 38° reflector.

MORRIS corps pour 2 douilles

Luminaire cardan rectangulaire en aluminium injecté pour une ampoule adaptable à différents types de douilles: QR-111, CDM-R111 y HIT-T avec réflecteur de 12° et 38°.

Información técnica | Technical information | Information technique



Adaptable | Suitable for | Adaptable pour

CON MARCO | WITH FRAME | AVEC ENCADREMENT



QR-111 *



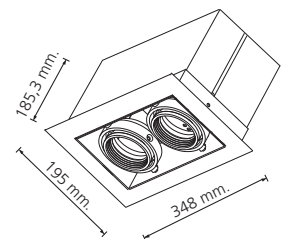
CDM-R111 *



HIT-T *

Ref.	☰	V	W	GEAR	☂
03050201	○				
03050202	●	2	--	-- **	--
03050203	●				

Peso | Weight | Poids: 1,90 Kg.



Adaptable | Suitable for | Adaptable pour

SIN MARCO | WITHOUT FRAME | SANS ENCADREMENT



QR-111 *



CDM-R111 *



HIT-T *

Ref.	☰	V	W	GEAR	☂
03090202	●	2	--	-- **	--

Peso | Weight | Poids: 2,23 Kg.

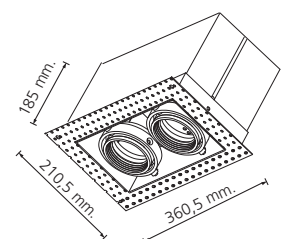
Accesorio de montaje incluido (Ver pág. 121) Mounting accessory included (See page 121)

Accessoire de montage inclus (Voir page 121)

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non inclus (Voir page 257)

Fotométrica | Photometric | Photométrique: Pag. 107





Sin marco
Without frame
Sans encadrement

MORRIS cuerpo para 3 portalámparas

Luminaria tipo cardan rectangular en acero lacado para tres lámparas adaptable a diferentes tipos de portalámparas: QR-111, CDM-R111 y HIT-T con reflector de 12° y 38°.

MORRIS body for 3 lampholders

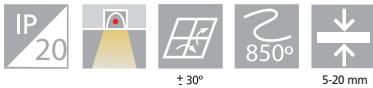
Die cast aluminium cardan luminaire for a lamp adjustable to different types of sockets: QR-111, CDM-R111 and HIT-T with 12° and 38° reflector.

MORRIS corps pour 3 douilles

Luminaire cardan rectangulaire en aluminium injecté pour une ampoule adaptable à différents types de douilles: QR-111, CDM-R111 y HIT-T avec réflecteur de 12° et 38°.



Información técnica | Technical information | Information technique



Adaptable | Suitable for | Adaptable pour

CON MARCO | WITH FRAME | AVEC ENCADREMENT



465 x 169 mm.



QR-111 *

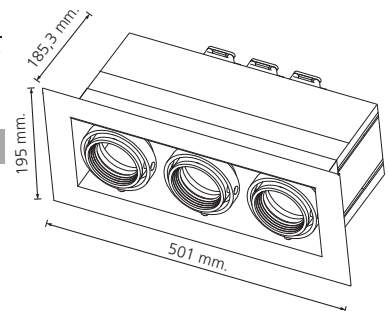


CDM-R111 *



HIT-T *

Ref.	☰	V	W	GEAR	☰
03050301 ○					
03050302 ●	3	--	--	-- **	--
03050303 ●					



Peso | Weight | Poids: 2,80 Kg.

Adaptable | Suitable for | Adaptable pour

SIN MARCO | WITHOUT FRAME | SANS ENCADREMENT

NEW



465 x 163 mm.



QR-111 *

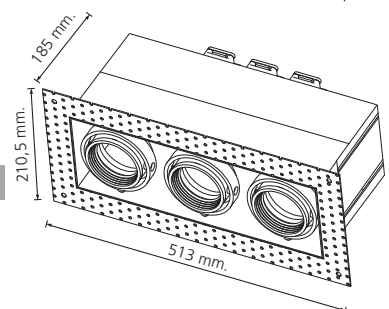


CDM-R111 *



HIT-T *

Ref.	☰	V	W	GEAR	☰
03090302 ●	3	--	--	--**	--



Peso | Weight | Poids: 3,07 Kg.

Accesorio de montaje incluido (Ver pág. 121) Mounting accessory included (See page 121)

Accessoire de montage inclus (Voir page 121)

Sistemas empotrables
Downlight system
Système encastrable



Sin marco
Without frame
Sans encadrement

MORRIS cuerpo para 4 portalámparas

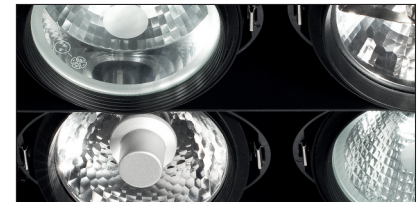
Luminaria tipo cardan rectangular en acero lacado para cuatro lámparas adaptable a diferentes tipos de portalámparas: QR-111, CDM-R111 y HIT-T con reflector de 12° y 38°.

MORRIS body for 4 lampholders

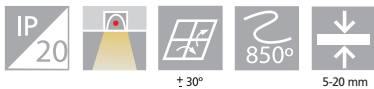
Die cast aluminium square cardan luminaire for a lamp adjustable to different types of sockets: QR-111, CDM-R111 and HIT-T with 12° and 38° reflector.

MORRIS corps pour 4 douilles

Luminaire cardan carré en aluminium injecté pour une ampoule adaptable à différents types de douilles: QR-111, CDM-R111 y HIT-T avec réflecteur de 12° et 38°.



Información técnica | Technical information | Information technique



Adaptable | Suitable for | Adaptable pour

CON MARCO | WITH FRAME | AVEC ENCADREMENT

Ref.	QR-111 *	CDM-R111 *	HIT-T *
03050401	○		
03050402	●	--	-- **
03050403	●		

Peso | Weight | Poids: 4,40 Kg.

Adaptable | Suitable for | Adaptable pour

SIN MARCO | WITHOUT FRAME | SANS ENCADREMENT

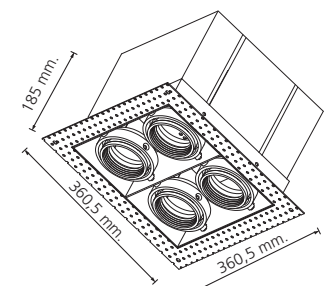
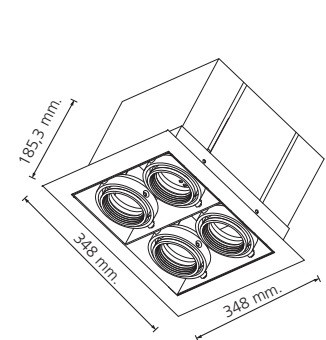
Ref.	QR-111 *	CDM-R111 *	HIT-T *
03090402	●	--	-- **

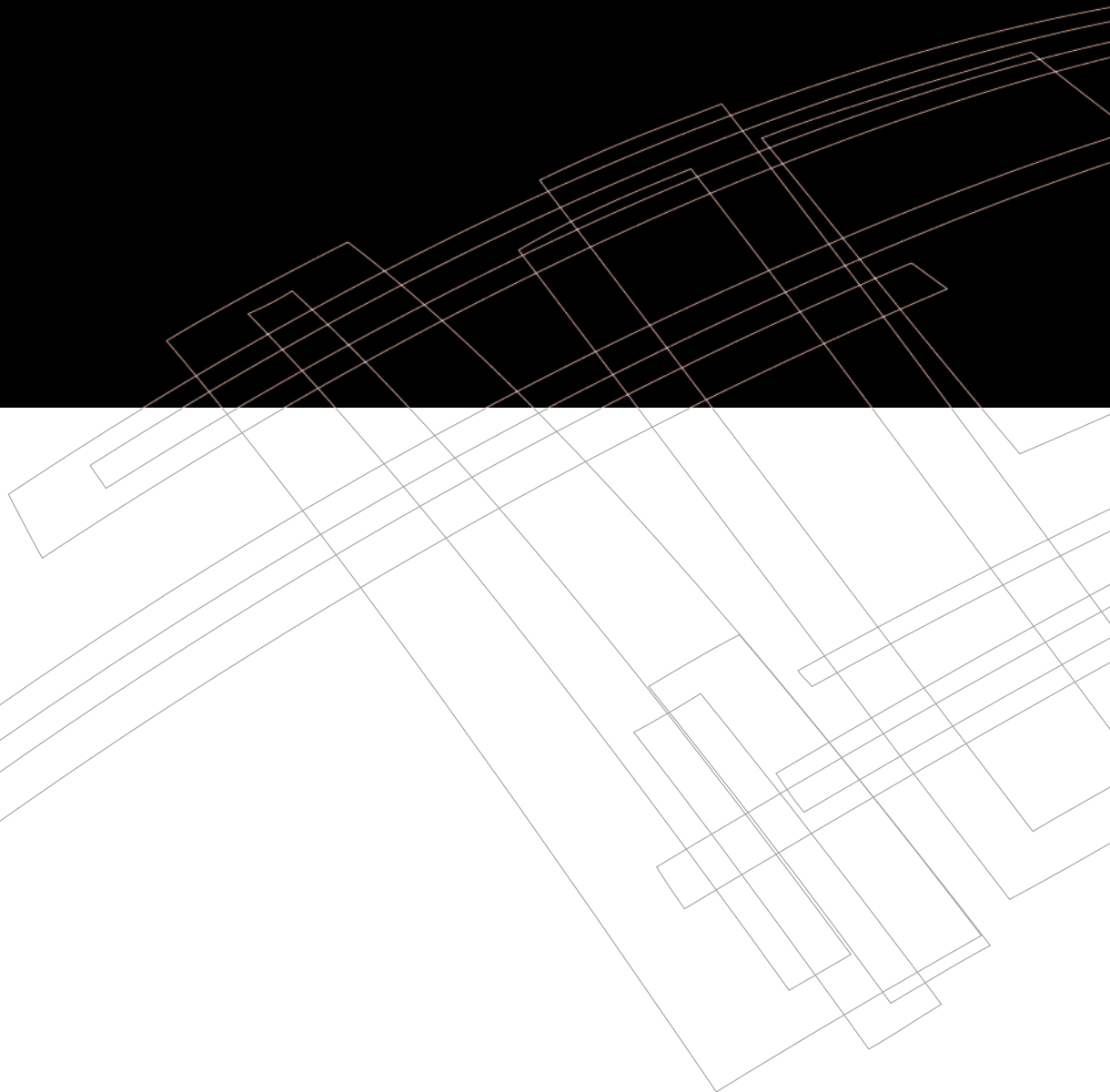
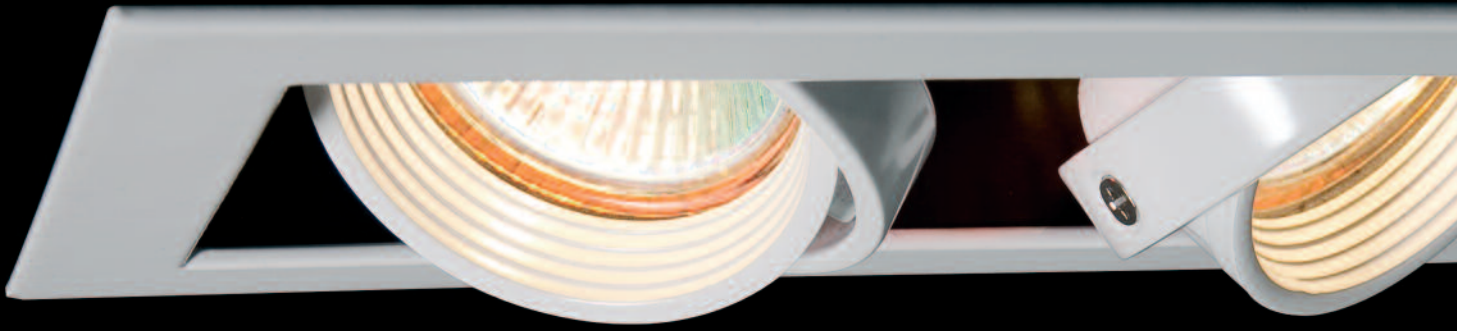
Peso | Weight | Poids: 4,80 Kg.

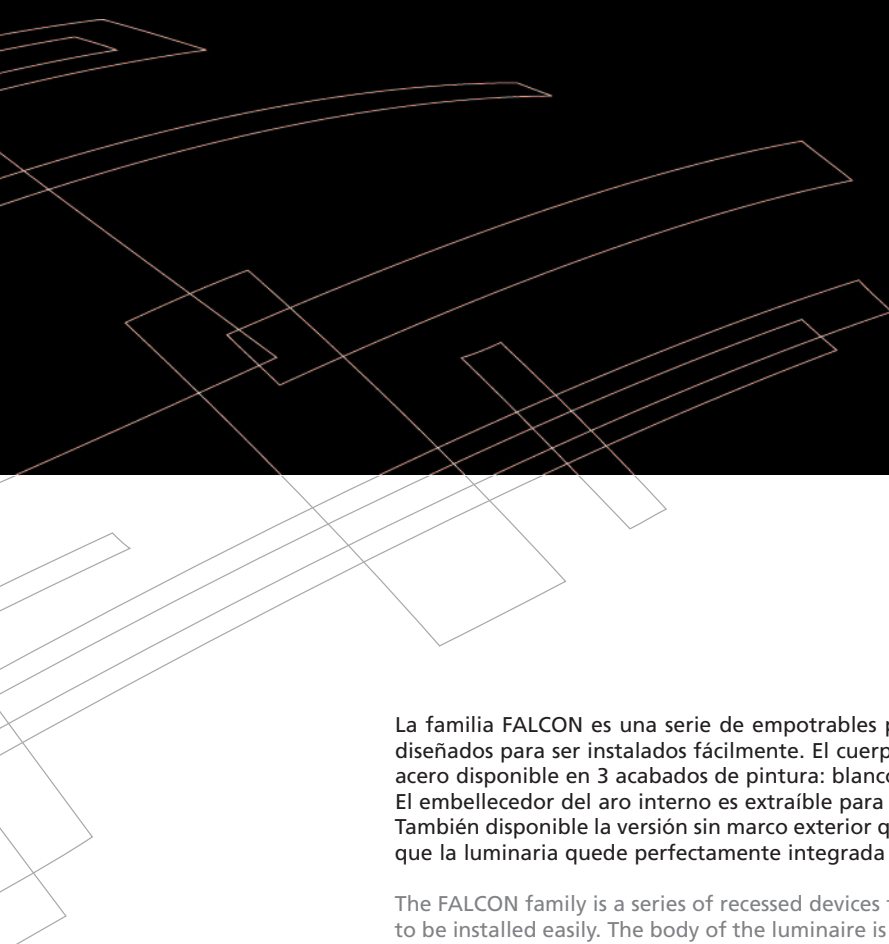
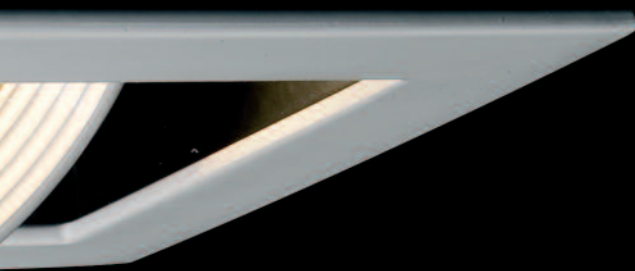
Accesorio de montaje incluido (Ver pág. 121) Mounting accessory included (See page 121)
Accessoire de montage inclus (Voir page 121)

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)
** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non inclus (Voir page 257)

Fotométrica | Photometric | Photométrique: Pag. 107







FALCON

La familia FALCON es una serie de empotrables para lámparas halógenas QR-CB51. Estos empotrables están diseñados para ser instalados fácilmente. El cuerpo de la luminaria es de acero lacado negro y el marco es de acero disponible en 3 acabados de pintura: blanco, negro y gris.

El embellecedor del aro interno es extraíble para facilitar la reposición de la lámpara.

También disponible la versión sin marco exterior que incluye un premarco de montaje metálico para conseguir que la luminaria quede perfectamente integrada en la superficie.

The FALCON family is a series of recessed devices for halogen QR-CB51 lamps. This recessed items are designed to be installed easily. The body of the luminaire is made of black lackered steel and the frame is made of steel. It is available in 3 paint finish: white, black and grey.

The inner ring trim is extractable in order to facilitate the substitution of the lamp.

Also available in a version without external frame but including metal mounting edge brackets.

La famille FALCON est une série d'encastrables pour ampoules halogènes QR-CB51. Ces encastrables sont fabriqués afin d'être facilement installés. Le corps du luminaire est en acier laqué noir et l'encadrement est en acier disponible en 3 finitions de peinture: blanc, noir et gris.

L'enjoliveur de l'anneau interne est extractible pour faciliter le remplacement de la ampoule.

Également disponible une version sans cadre extérieur qui comprend un pré-cadre de montage métallique.





Indice Index Index

Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
1 x QR-CB51 Máx. 50 W Max.	03020101 03020102 03020103	117
2 x QR-CB51 Máx. 50 W Max.	03020201 03020202 03020203	118
3 x QR-CB51 Máx. 50 W Max.	03020301 03020302 03020303	119

SIN MARCO WITHOUT FRAME SANS ENCADREMENT

Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
NEW 1 x QR-CB51 Máx. 50 W Max.	03100101 03100102	117
NEW 2 x QR-CB51 Máx. 50 W Max.	03100201 03100202	118
NEW 3 x QR-CB51 Máx. 50 W Max.	03100301 03100302	119



Detalles Overview Détails

Materiales

El marco de la luminaria es de acero disponible en 3 acabados blanco, negro y gris con cuerpo en acero lacado negro.

Materials

The frame of the luminaire is made of steel available in 3 finish, white, black and grey with a black lakked body.

Matériaux

L'encadrement du luminaire est en acier disponible en trois finitions, blanc, noir et gris avec corps en acier laqué noir.

Versatilidad

El todas las luminarias los aros que alojan las lámparas son totalmente orientables a 360°, para permitir un control total sobre el haz de luz.

Versatility

In all the luminaires, the rings that house the lamps are totally 360° multi-directional in order to allow a complete control of the light beam.

Versatilité

Pour tous les luminaires les anneaux qui logent les ampoules sont totalement orientables à 360°, pour permettre un contrôle total du faisceau de lumière.



Reposición lámparas

El aro embellecedor es extraíble para facilitar la reposición de la lámpara.

Substitution of lamps

The trim ring is removable to facilitate the substitution of the lamp.

Remplacement des lampes

L'anneau enjoliveur est extractible pour faciliter le remplacement de la ampoule.





Sin marco
Without frame
Sans encadrement

FALCON luminaria empotrable para 1 lámpara QR-CB51

Luminaria empotrable orientable 360° tipo cardan en acero.

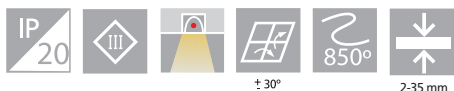
FALCON 1 spot downlight for QR-CB51

Multi-directional recessed luminaire, cardan type in steel

FALCON luminaire encastrable 1 spot pour QR-CB51

Luminaire encastrable orientable à 360° type cardan en acier.

Información técnica | Technical information | Information technique



QR-CB51 *		CON MARCO WITH FRAME AVEC ENCADREMENT				
Ref.		V	W	GEAR		
03020101	○	1 x GU5,3	12	Max. 50	--**	
03020102	●					123~129
03020103	●					

Peso | Weight | Poids: 0,60 Kg.

QR-CB51 *		SIN MARCO WITHOUT FRAME SANS ENCADREMENT			
Ref.		V	W	GEAR	
03100101	○	1 x GU5,3	12	Max. 50	123~129
03100102	●				

Peso | Weight | Poids: 0,60 Kg.

Accesorio de montaje incluido (Ver pág. 121) Mounting accessory included (See page 121)

Accessoire de montage inclus (Voir page 121)

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non inclus (Voir page 257)

Fotométrica | Photometric | Photométrique: Pag. 298-299



Sin marco
Without frame
Sans encadrement

FALCON empotrable para 2 lámparas QR-CB51

Luminaria empotrable orientable 360° tipo cardan en acero.

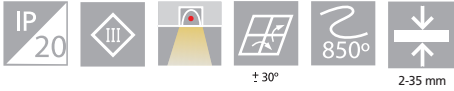
FALCON 2 spots downlight for QR-CB51

Multi-directional recessed luminaire, cardan type in steel

FALCON luminaire encastrable 2 spots pour QR-CB51

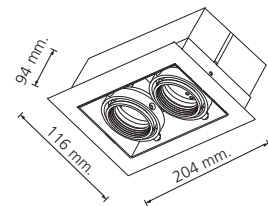
Luminaire encastrable orientable à 360° type cardan en acier.

Información técnica | Technical information | Information technique



Ref.	Icon	V	W	GEAR	Icon
03020201	○	2 x GU5,3	Max. 50	--**	123~129
03020202	●				
03020203	●				

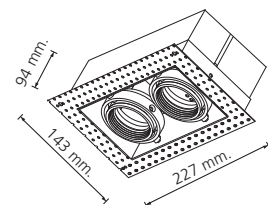
QR-CB51 * **CON MARCO | WITH FRAME | AVEC ENCADREMENT** 180 x 100 mm.



Peso | Weight | Poids: 0,86 Kg.

Ref.	Icon	V	W	GEAR	Icon
03100201	○	2 x GU5,3	Max. 50	--**	123~129
03100202	●				

QR-CB51 * **SIN MARCO | WITHOUT FRAME | SANS ENCADREMENT** **NEW** 201 x 100 mm.



Peso | Weight | Poids: 1 Kg.

Accesorio de montaje incluido (Ver pág. 121) Mounting accessory included (See page 121)

Accessoire de montage inclus (Voir page 121)



Sin marco
Without frame
Sans encadrement

FALCON empotrable para 3 lámparas QR-CB51

Luminaria empotrable orientable 360° tipo cardan en acero.

FALCON 3 spots downlight for QR-CB51

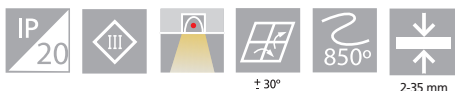
Multi-directional recessed luminaire, cardan type in steel

FALCON luminaire encastrable 3 spots pour QR-CB51

Luminaire encastrable orientable à 360° type cardan en acier.



Información técnica | Technical information | Information technique



QR-CB51 *

CON MARCO | WITH FRAME | AVEC ENCADREMENT

Ref.		V	W	GEAR	
03020301	○				
03020302	●	3 x GU5,3	12	Max. 50	--** 123~129
03020303	●				

Peso | Weight | Poids: 1,10 Kg.



QR-CB51 *

SIN MARCO | WITHOUT FRAME | SANS ENCADREMENT

Ref.		V	W	GEAR	
03100301	○				
03100302	●	3 x GU5,3	12	Max. 50	--** 123~129

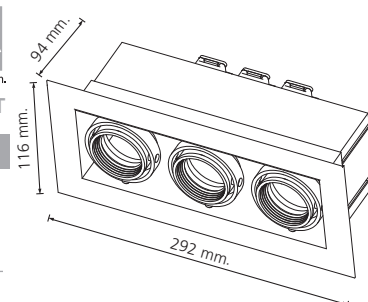
Peso | Weight | Poids: 1,2 Kg.

Accesorio de montaje incluido (Ver pág. 121) Mounting accessory included (See page 121)

Accessoire de montage inclus (Voir page 121)



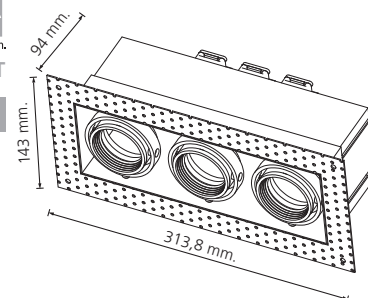
268 x 100 mm.



NEW



268 x 100 mm.



* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non inclus (Voir page 257)

Empotrables sin marco

Downlight without frame

Encastrables sans encadrement

Familia GINGKO

GINGKO range

Gamme GINGKO



Familia MORRIS

MORRIS range

Gamme MORRRIS



Familia FALCON

FALCON range

Gamme FALCON



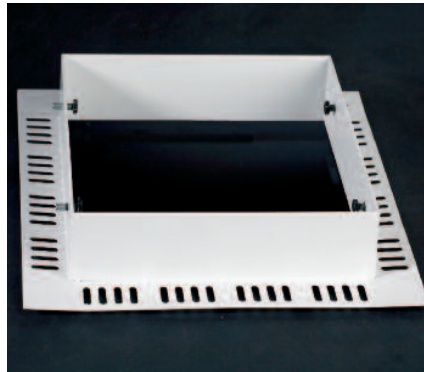
Montaje sin marco Without frame mounting Assemblée sans encadrement

1. Accesorio de montaje:

Se fija el soporte en el techo.

Mounting accessory:
The support is fastened on the ceiling.

Accessoire de montage:
On fixe le support au plafond.



2. Se encaja la estructura de la luminaria previamente conectada a la toma de luz.

The structure, previously connected to the mains, is attached to the ceiling.

On emboîte la structure de la lumière préalablement connectée à la prise.



3. Se retoca el perfil del agujero de empotrar para que la luminaria quede encajada perfectamente.

The position of the luminaire is regulated by means of the bolts.

On retouche le profil du trou d'encastrement pour que le luminaire s'emboîte parfaitement.

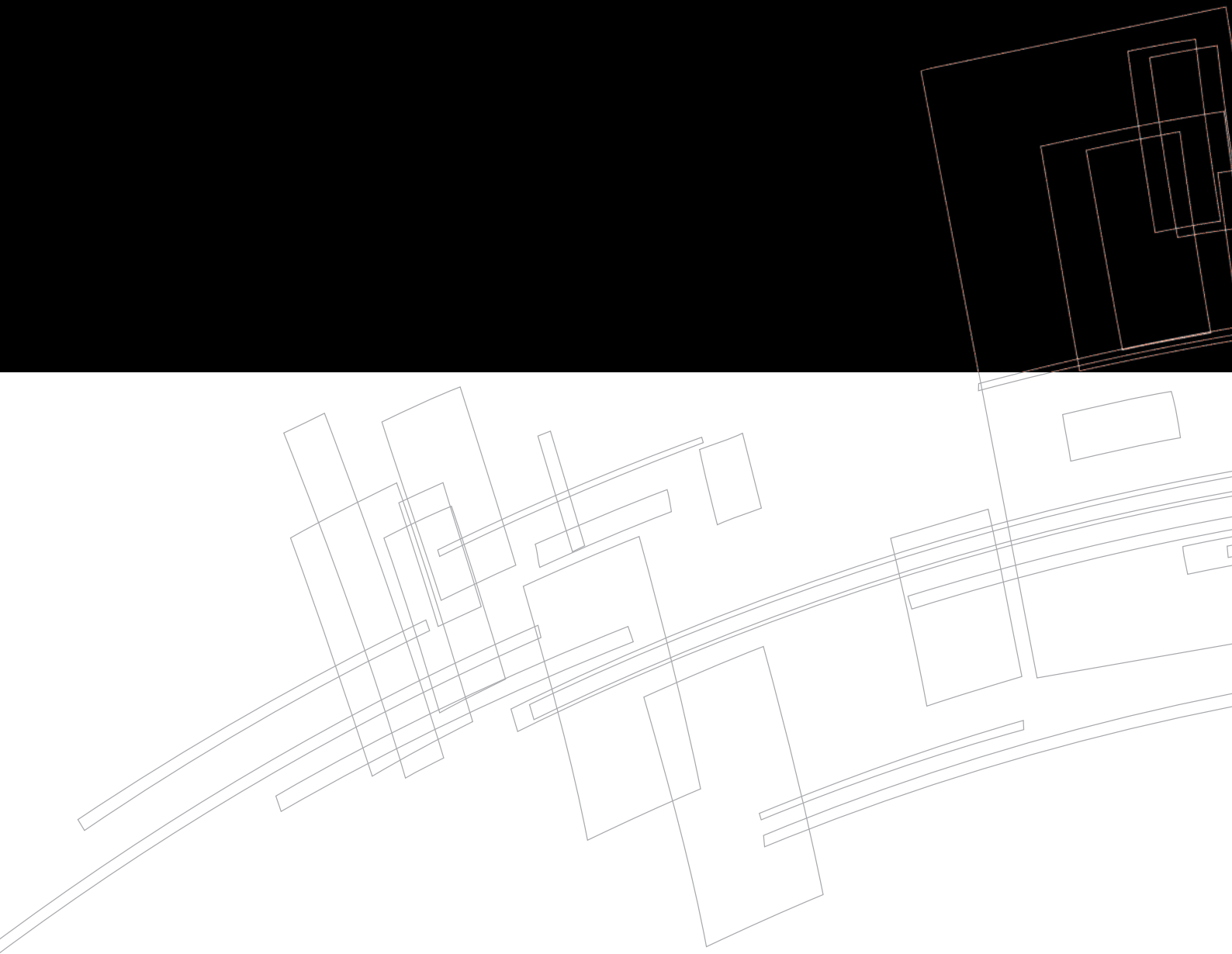


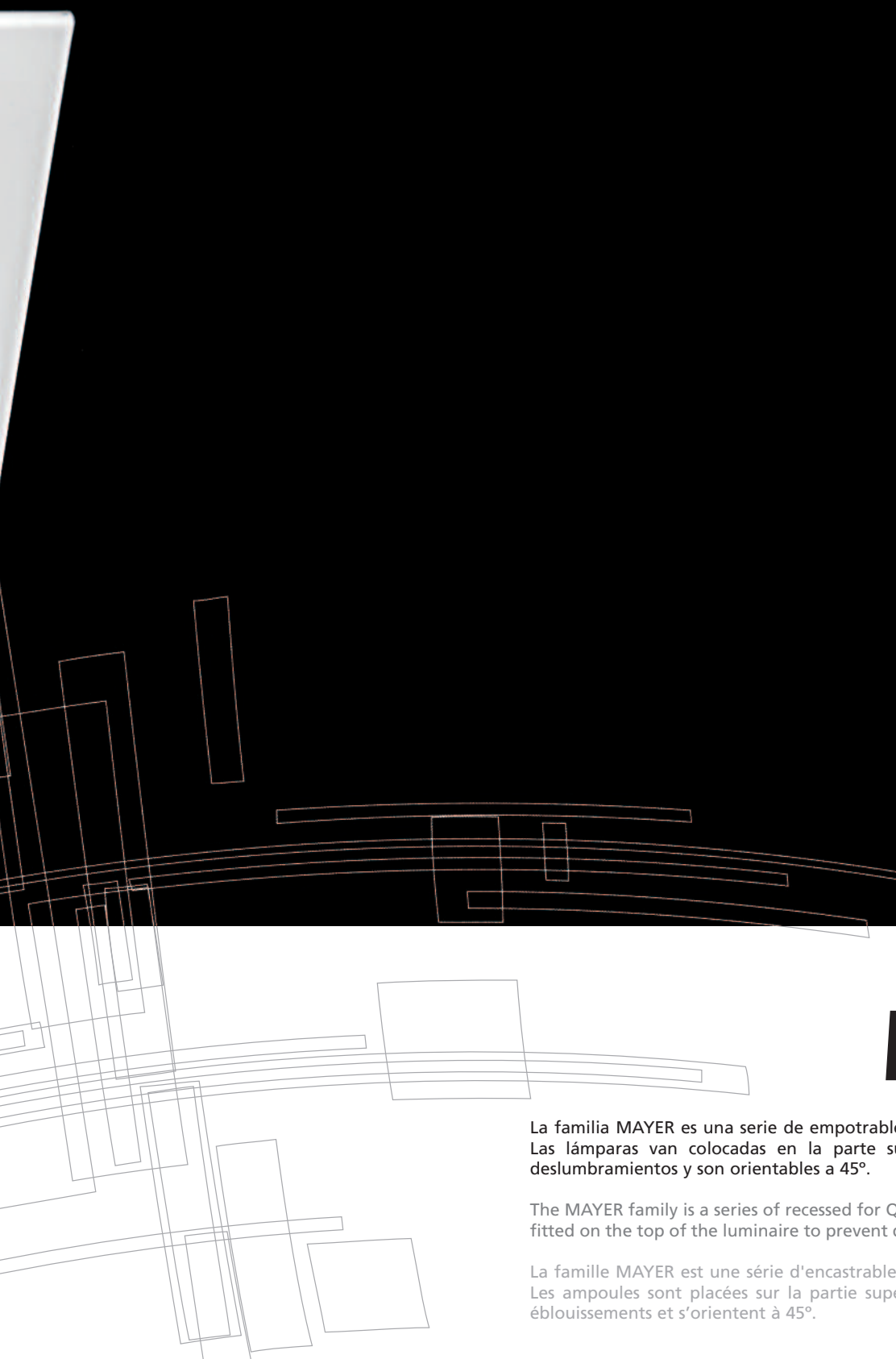
4. Se regula la posición de la luminaria gracias a las tuercas.

The profile of the embedding hole is retouched so the luminaire is perfectly fitted.

On règle la position du luminaire grâce aux écrous.







MAYER

La familia MAYER es una serie de empotrables para lámparas halógenas QR-CB51. Las lámparas van colocadas en la parte superior de la luminaria para evitar deslumbramientos y son orientables a 45°.

The MAYER family is a series of recessed for QRCB-51 halogen lamps. The lamps are fitted on the top of the luminaire to prevent dazzling and are 45° multi-directional.

La famille MAYER est une série d'encastrables pour ampoules halogènes QRCB-51. Les ampoules sont placées sur la partie supérieure du luminaire afin d'éviter les éblouissements et s'orientent à 45°.





Indice Index Index

Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
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2 x QR-CB51 Máx. 50 W Max.	03010201 03010202 03010203	128
3 x QR-CB51 Máx. 50 W Max.	03010301 03010302 03010303	129

Detalles Overview Détails

Confort visual

Las lámparas quedan alojadas en la parte superior de la luminaria para evitar deslumbramientos y son orientables 45°.

Visual comfort

The lamps are housed on the top of the luminaire to avoid dazzling and are 45° multi-directional.

Confort visuel

Les ampoules sont logées sur la partie supérieure du luminaire pour éviter les éblouissements et s'orientent à 45°.



Reposición de lámparas

Las lámparas se colocan dentro de la luminaria con una pinza extraíble aplicada al portalámparas, facilitando su reposición.

Substitution of lamps

The lamps are placed inside the luminaire with a grip attached to the socket to facilitate its substitution.

Remplacement des ampoules

Les ampoules se placent dans le luminaire avec une pince appliquée à la douille, facilitant le remplacement.



Materiales

El marco de la luminaria es de acero disponible en tres acabados blanco, negro y gris con cuerpo en acero lacado en negro.

Materials

The frame of the luminaire is made of steel available in three finish: white, black and grey with a black lackered steel body

Matériaux

L'encadrement du luminaire est en acier disponible en trois finitions, blanc, noir et gris avec un corps en acier laqué en noir.



MAYER luminaria empotrable para 1 lámpara QR-CB51

Luminaria empotrable orientable 45° en acero.

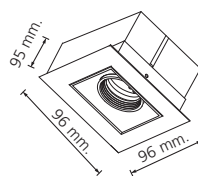
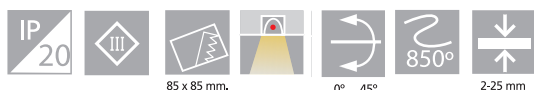
MAYER 1 spot downlight for QR-CB51

45° orientable downlight in steel.

MAYER luminaire encastrable 1 spot pour QR-CB51

Luminaire encastré orientable à 45° en acier.

Información técnica | Technical information | Information technique



QR-CB51 *

Ref.		V	W	GEAR	
03010101	○				
03010102	●	1 x GX5,3	12	Max. 50	--**
03010103	●				

Peso | Weight | Poids: 0,45 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)
** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non inclus (Voir page 257)



MAYER luminaria empotrable para 2 lámparas QR-CB51

Luminaria empotrable orientable 45° en acero.

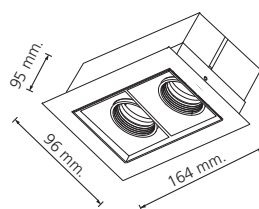
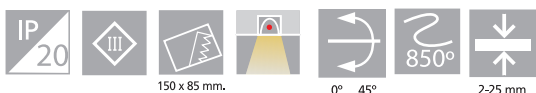
MAYER 2 spots downlight for QR-CB51

45° orientable downlight in steel.

MAYER luminaire encastrable 2 spots pour QR-CB51

Luminaire encastré orientable à 45° en acier.

Información técnica | Technical information | Information technique



QR-CB51 *

Ref.	☰	V	W	GEAR	☰
03010201 ○					
03010202 ●	2 x GX5,3	12	Max. 50	--**	--
03010203 ●					

Peso | Weight | Poids: 0,85 Kg.



MAYER luminaria empotrable para 3 lámparas QR-CB51

Luminaria empotrable orientable 45° en acero.

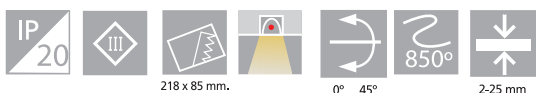
MAYER 3 spots downlight for QR-CB51

45° orientable downlight in steel.

MAYER luminaire encastrable 3 spots pour QR-CB51

Luminaire encastré orientable à 45° en acier.

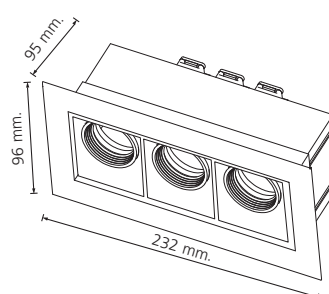
Información técnica | Technical information | Information technique



218 x 85 mm.

0° ... 45°

2-25 mm

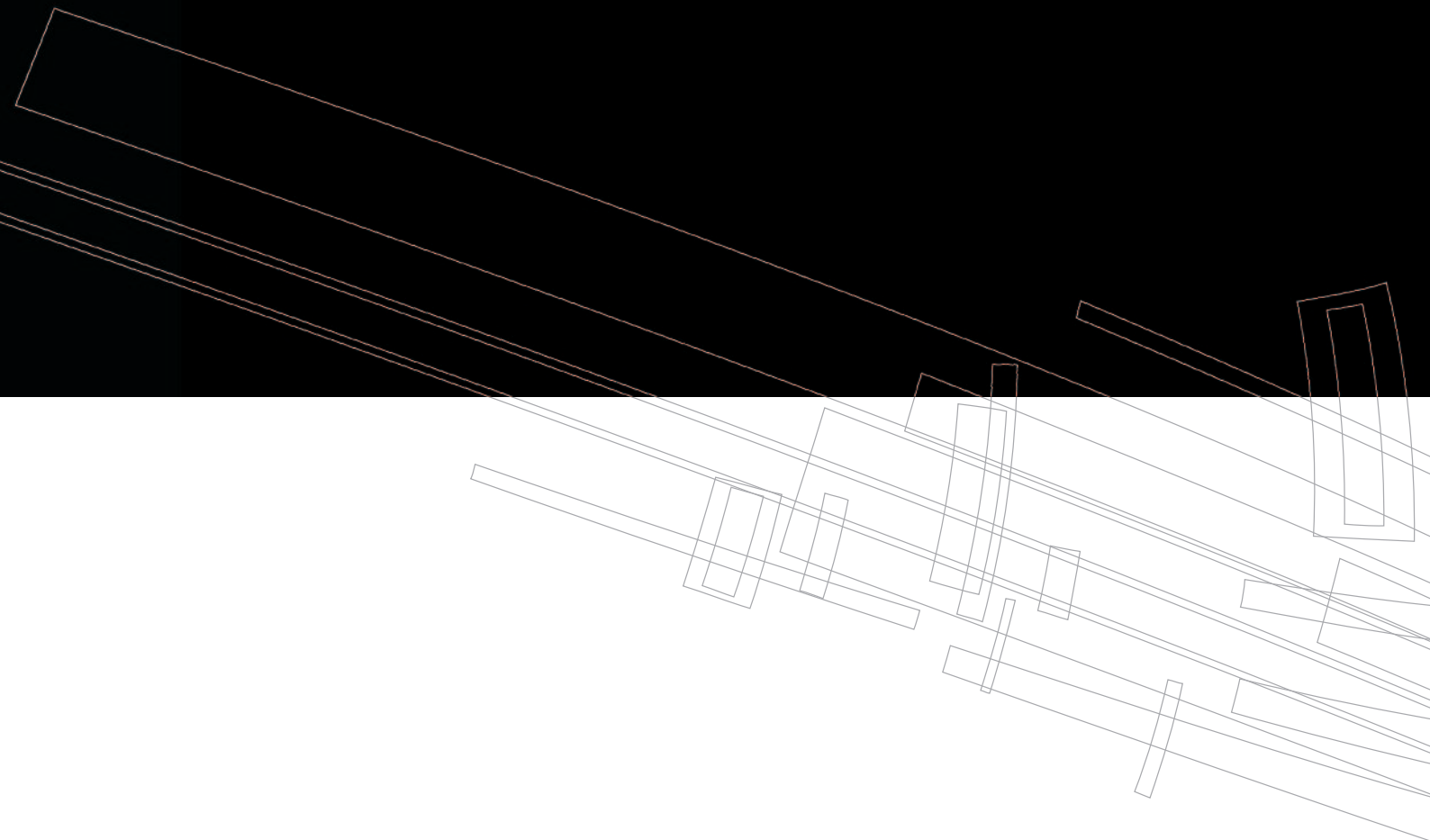


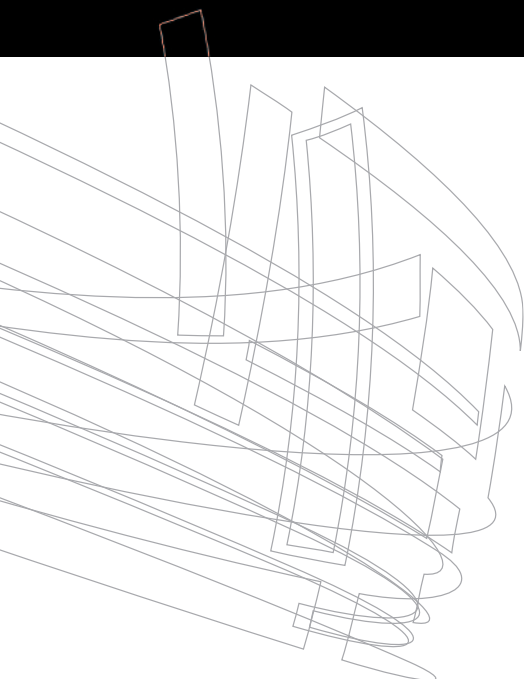
QR-CB51 *

Ref.		V	W	GEAR	
03010301					
03010302		3 x GX5,3	12	Max. 50	--**
03010303					--

Peso | Weight | Poids: 1,12 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)
** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non inclus (Voir page 257)





LYNX

La familia LYNX está compuesta por tres luminarias LED de alta luminosidad de 3, 6 y 15 LED. Disponibles en luz cálida y natural.

The LYNX family comprises three high-brightness LED luminaires with 3, 6 and 15 LED. Available in warm and natural light.

La gamme LYNX comprend trois luminaires LED à haute luminosité de 3, 6 et 15 LED. Disponibles en lumière chaude et naturelle.





Indice Index Index

Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
NEW EPISTAR LED 3 LED 1 W	03070501 03070601	135
NEW EPISTAR LED 6 LED 1 W	03070701 03070801	136
NEW EPISTAR LED 15 LED 1 W	03070901 03071001	137



Detalles Overview Détails

Versatilidad

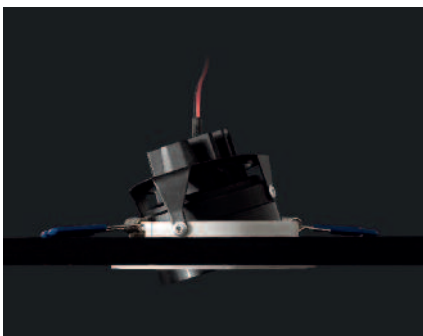
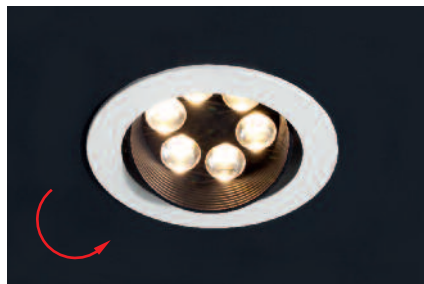
Todos los modelos son orientables con un ángulo de rotación sobre el eje horizontal de -30° hasta $+30^\circ$.

Versatility

All models are adjustable, with a horizontal rotation angle of -30° to 30° .

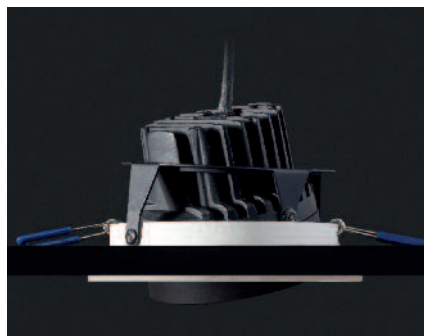
Versatilité

Tous les modèles sont orientables avec un angle de rotation sur l'axe horizontal de -30° à $+30^\circ$.



Disipador de calor

Todos los modelos incorporan un disipador de calor de aluminio para conseguir mantener la temperatura óptima de trabajo y garantizar la máxima vida útil de la luminaria.



Heat dissipator

All the models have an heat dissipator to ensure maximum life of the LED.



Dissipateur de chaleur

Tous les modèles incorporent un dissipateur de chaleur en aluminium pour maintenir la température optimale du LED et garantir la maxime durée de vie maximum de celui-ci.



LYNX empotrable orientable 3 LED

Luminaria LED empotrada de aluminio con 3 LED de alta potencia.

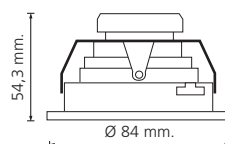
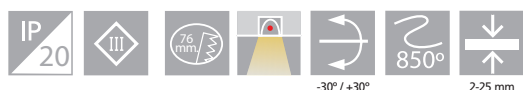
LYNX 3 LED recessed adjustable fixture

Recessed, aluminium LED luminaire with 3 high-power LEDs.

LYNX encastrable orientable 3 LED

Luminaire LED encastré en aluminium avec 3 LED haute puissance.

Información técnica | Technical information | Information technique



EPISTAR *

NEW

Ref.	W	mA	Lm	K	CRI	△x°	⊞	⌒
03070501	3	350	180	2700	82	15	**	066
03070601	3	350	200	4000	82	15	**	067

Peso | Weight | Poids: 0,10 Kg.

* Lámpara incluida Bulb included Ampoule inclus

** Driver no incluido (Ver pág. 257) Driver not included (See page 257) Driver non incluse (Voir page 257)



LYNX empotrable orientable 6 LED

Luminaria LED empotrada de aluminio con 6 LED de alta potencia.

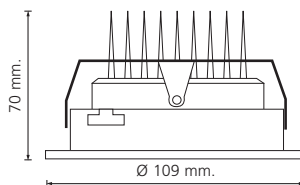
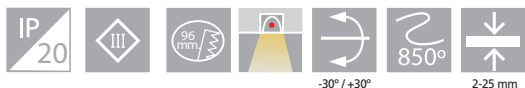
LYNX 6 LED recessed adjustable fixture

Recessed, aluminium LED luminaire with 6 high-power LEDs.

LYNX encastrable orientable 6 LED

Luminaire LED encastré en aluminium avec 6 LED haute puissance.

Información técnica | Technical information | Information technique



EPISTAR *

NEW

Ref.	W	mA	Lm	K	CRI	△x°		
03070701	6	350	373	2700	82	45	**	068
03070801	6	350	402	4000	82	45	**	069

Peso | Weight | Poids: 0,30 Kg.



LYNX empotrable orientable 15 LED

Luminaria LED empotrada de aluminio con 15 LED de alta potencia.

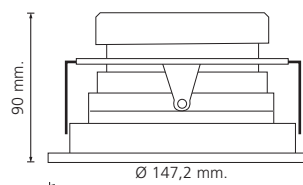
LYNX 15 LED recessed adjustable fixture

Recessed, aluminium LED luminaire with 15 high-power LEDs.

LYNX encastrable orientable 15 LED

Luminaire LED encastré en aluminium avec 15 LED haute puissance.

Información técnica | Technical information | Information technique



EPISTAR *

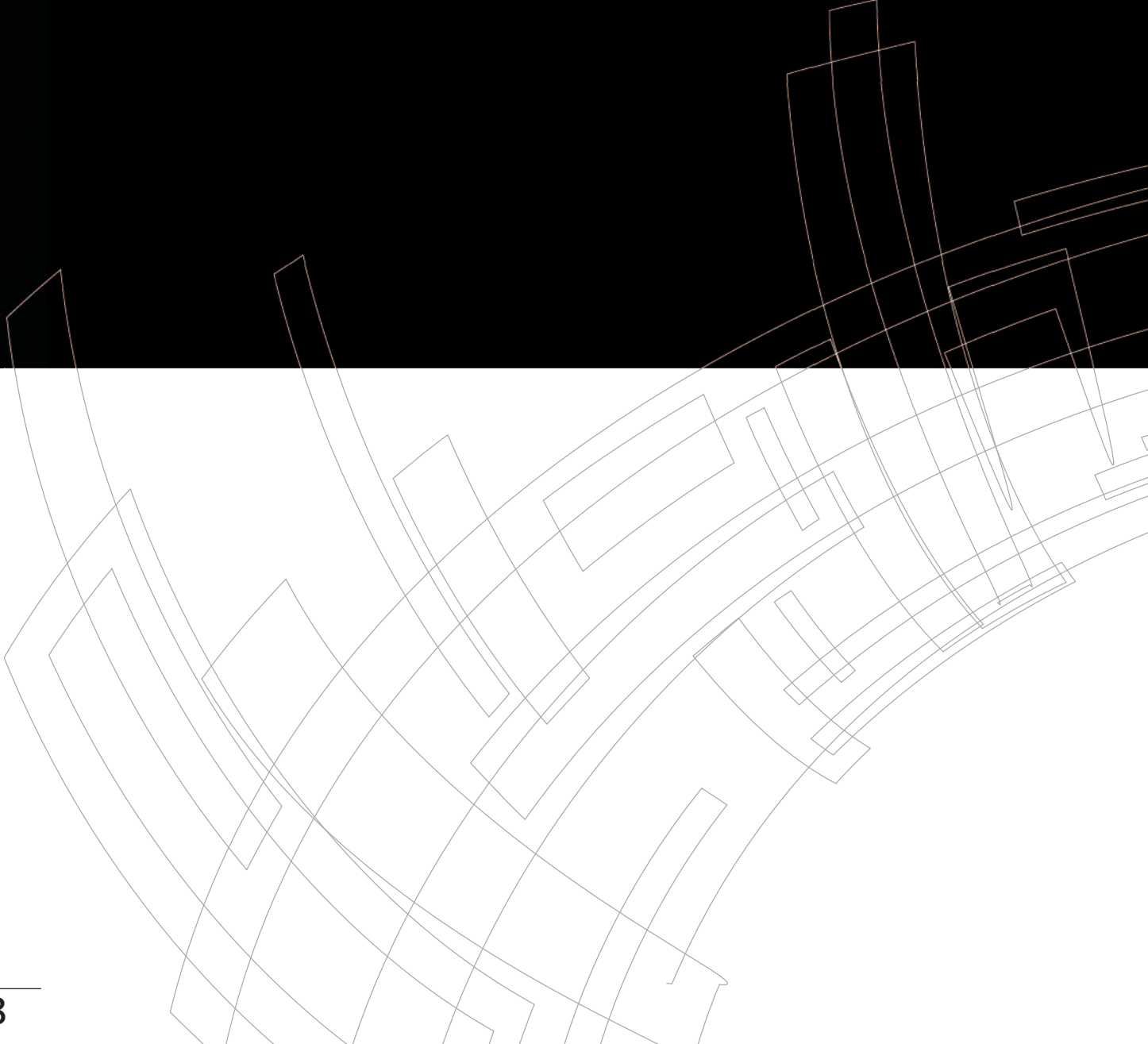
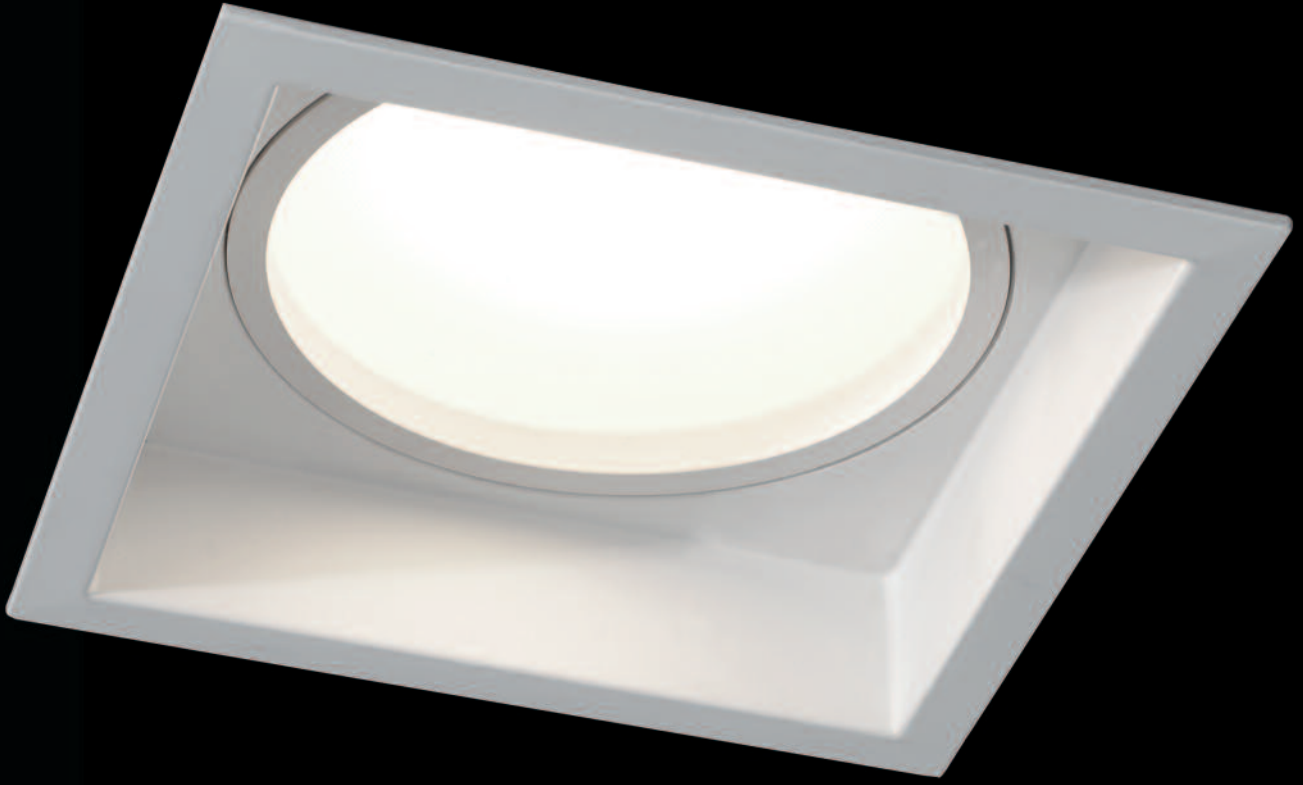
NEW

Ref.	W	mA	Lm	K	CRI	Δx°		
03070901	15	350	905	2700	82	45	**	070
03071001	15	350	1136	4000	82	45	**	071

Peso | Weight | Poids: 0,60 Kg.

* Lámpara incluida Bulb included Ampoule inclus

** Driver no incluido (Ver pág. 257) Driver not included (See page 257) Driver non incluse (Voir page 257)





JUNO

Downlight de led, de reducidas dimensiones. En formato redondo y cuadrado.
Disponible en negro, blanco y gris.

Compact, LED downlight. Available in round and square versions.
Available in black, white and grey.

Downlight LED aux dimensions réduites. En format rond ou carré.
Disponible en noir, blanc et gris.



Indice Index Index

Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
NEW EPISTAR LED 15 LED 1 W Cuadrado Square Carré	02060101 02060102 02060103	143
NEW EPISTAR LED 15 LED 1 W Redondo Round Rond	02060201 02060202 02060203	144



Detalles Overview Détails

Disipador de calor

Incorpora disipador de calor para facilitar la circulación del aire y aumentar la vida útil de la lámpara.

Heat dissipator

All the models have an heat dissipator to ensure maximum life of the LED.

Dissipateur de chaleur

Tous les modèles incorporent un dissipateur de chaleur en aluminium pour maintenir la température optimale du LED et garantir la maxime durée de vie maximun de celui-ci.

Sistema de anclaje

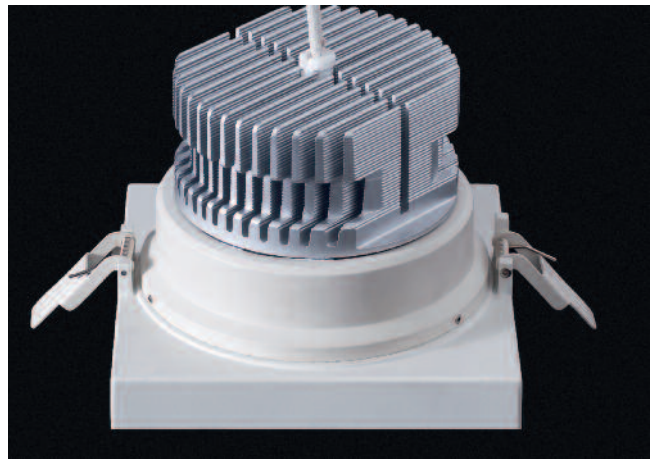
El sistema de anclaje de todos los modelos garantiza la presión de agarre ideal para colocar la luminaria en cualquier tipo de superficie.

Anchoring system

The anchoring system of all the models guarantee the ideal fastening pressure to place the luminaire on any kind of surface.

Système de fixation

Le système de fixation de tous les modèles garantit la pression de prise idéale pour placer le luminaire sur n'importe quelle surface.



Difusor ABS opal

Difusor en ABS opal para conseguir un alto confort visual.

Opal ABS difusser

The difusser is made of opal ABS in order to achieve a perfect visual comfort.

Difusueur ABS opal

Le diffuseur est en opale ABS pour obtenir un confort visuel optimal.





JUNO luminaria empotrable fija para LED 15W en formato cuadrado

Luminaria empotrable LED 15W, en aluminio, con reflector de 60° y difusor opal de ABS.

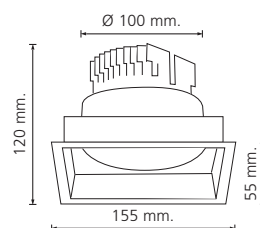
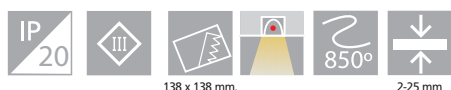
JUNO recessed, fixed luminaire for 15W LED, square

15W LED recessed luminaire, in aluminium, with 60° reflector and opal ABS diffuser.

JUNO Luminaire encastrable fixe pour LED 15W format carré

Luminaire encastrable LED 15W, en aluminium, avec réflecteur 60° et diffuseur opale en ABS.

Información técnica | Technical information | Information technique



EPISTAR *

NEW

Ref.	W	mA	Lm	K	CRI	△x°	☐	☒
02060101 ○	15	350	884,60	4000	82	60	**	072
02060102 ●								
02060103 ●								

Peso | Weight | Poids: 0,80 Kg.

* Lámpara incluida Bulb included Ampoule inclus

** Driver no incluido (Ver pág. 257) Driver not included (See page 257) Driver non incluse (Voir page 257)



JUNO luminaria empotrable fija para LED 15W en formato redondo

Luminaria empotrable LED 15W, en aluminio, con reflector de 60° y difusor opal de ABS.

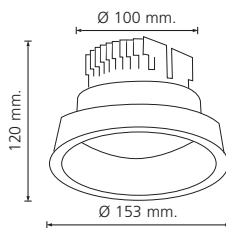
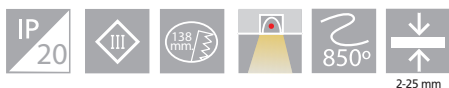
JUNO recessed, fixed luminaire for 15W LED, round

15W LED recessed luminaire, in aluminium, with 60° reflector and opal ABS diffuser.

JUNO Luminaire encastrable fixe pour LED 15W format rond

Luminaire encastrable LED 15W, en aluminium, avec réflecteur 60° et diffuseur opale en ABS.

Información técnica | Technical information | Information technique



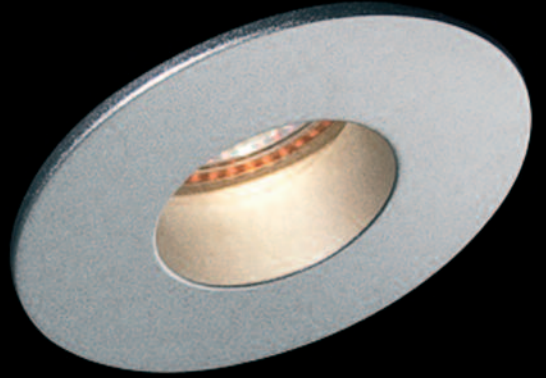
EPISTAR *

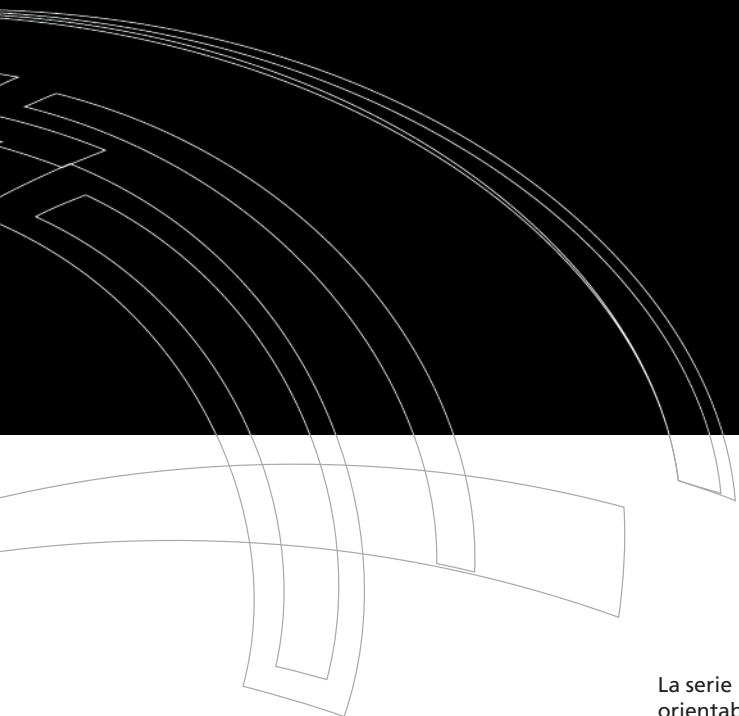
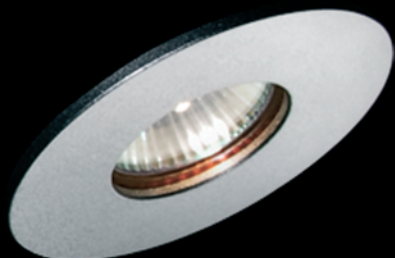
NEW

Ref.	W	mA	Lm	K	CRI	△x°	☐	☒
02060201 ○	15	350	884,60	4000	82	60	**	072
02060202 ●								
02060203 ●								

Peso | Weight | Poids: 0,80 Kg.







KANT

La serie KANT está compuesta por cuatro luminarias empotrables para QR-CB51 fijo, orientable, baja luminancia e IP65, además de un modelo con tecnología LED, todos fabricado en aluminio inyectado con acabados blanco y gris.

The KANT series is made up with four recessed luminaires for QR-CB51 fixed, multidirectional, low luminance and IP65, besides being a model with LED technology in die cast aluminium with white and grey finish.

La série KANT se compose de quatre luminaires encastrables pour QR-CB51 fixe, orientable, basse luminance et IP65, de plus d'un modèle à technologie LED, tous fabriqués en aluminium injecté avec finitions en blanc et gris.





Indice Index Index

FIJO FIXED FIXE		
Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
1 x QR-CB51 Máx. 50 W Max.	03060101 03060103	151
ORIENTABLE ORIENTABLE ORIENTABLE		
Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
1 x QR-CB51 Máx. 50 W Max.	03060201 03060203	152
BAJA LUMINANCIA LOW LUMINANCE BASSE LUMINANCE		
Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
1 x QR-CB51 Máx. 50 W Max.	03060301 03060303	153
IP 65		
Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
1 x QR-CB51 Máx. 50 W Max.	40225 40215	154
LED LED LED		
Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
CREE POWER LED 3 LED 3 W	03060401 03060403 03060501 03060503	155



Detalles Overview Détails

Conexión eléctrica

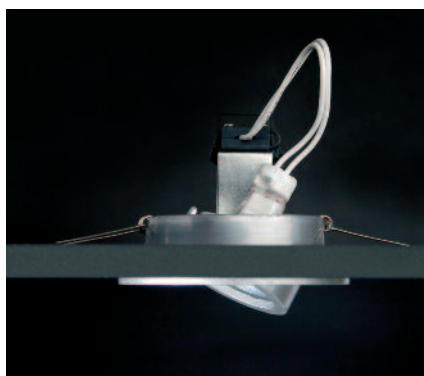
Todos los modelos incluyen muelles de sujeción en el portalámparas para asegurar una correcta conexión.

Electrical connection

All the models include fastening springs in the socket to ensure a correct connection.

Connexion électrique

Tous les modèles comprennent des ressorts de fixation dans les douilles afin d'assurer une connexion correcte.



Marco extraíble

Incluye marco extraíble para facilitar la reposición de la lámpara y evitar daños en la superficie de montaje.

Removable frame

Includes a removable frame to facilitate the substitution of the lamp and avoid damages to the assembly surface.

Ecadrement extractible

Inclut un encadrement extractible pour faciliter le remplacement de la ampoule et éviter des dégâts à la surface de montage,



KANT luminaria empotrable para QR-CB51

Luminaria empotrable fija fabricada en aluminio inyectado para lámpara QR-CB51.

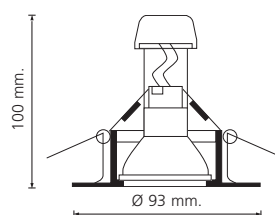
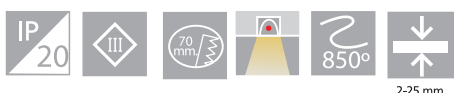
KANT downlight lamp for QR-CB51

Downlight lamp die cast aluminium made for QR-CB51 bulb.

KANT luminaire encastrable pour QR-CB51

Luminaire encastrable fixe en aluminium pour ampoule QR-CB51.

Información técnica | Technical information | Information technique



QR-CB51 *

Ref.		V	W	GEAR	
03060101	○	1 x GU5,3	12	Max. 50	--**
03060103	●				123~129

Peso | Weight | Poids: 0,15 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)
** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non incluse (Voir page 257)



KANT luminaria empotrable orientable para QR-CB51

Luminaria empotrable orientable en aluminio inyectado para lámpara QR-CB51 máx. 50 W.

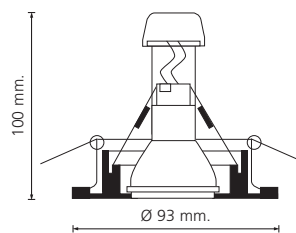
KANT orientable downlight lamp for QR-CB51

Orientable downlight lamp die cast aluminium made for QR-CB51 bulb max. 50 W.

KANT luminaire encastrable orientable pour QR-CB51

Luminaire encastrable orientable pour ampoule QR-CB51 max. 50 W.

Información técnica | Technical information | Information technique



QR-CB51 *

Ref.		V	W	GEAR	
03060201	○	12	Max. 50	--**	123~129
03060203	●	1 x GU5,3			

Peso | Weight | Poids: 0,15 Kg.



KANT luminaria empotrable de baja luminancia para QR-CB51

Luminaria empotrable fija de baja luminancia en aluminio inyectado para lámpara QR-CB51 máx. 50 W.

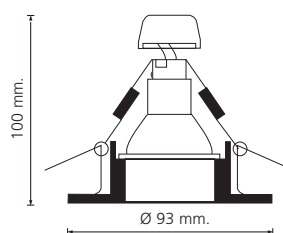
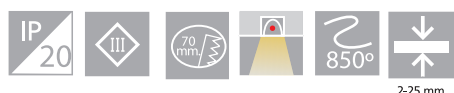
KANT downlight lamp for QR-CB51

Low luminance downlight lamp die cast aluminium made for QR-CB51 bulb max. 50 W.

KANT luminaire encastrable pour QR-CB51

Luminaire encastrable fixe basse luminance pour ampoule QR-CB51 max. 50 W.

Información técnica | Technical information | Information technique



QR-CB51 *

Ref.		V	W	GEAR	
03060301	○	1 x GU5,3	12	Max. 50	--**
03060303	●				123~129

Peso | Weight | Poids: 0,15 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non incluse (Voir page 257)



KANT luminaria empotrable IP 65 para QR-CB51

Luminaria empotrable fija en aluminio inyectado para lámpara QR-CB51 máx. 50 W, IP65, dotada de difusor de cristal.

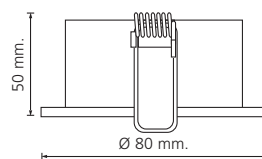
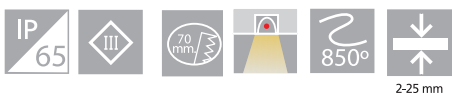
KANT downlight lamp IP 65 for QR-CB51

Downlight lamp die cast aluminium made for QR-CB51 bulb max. 50 W, IP65, with glass diffuser.

KANT luminaire encastrable IP 65 pour QR-CB51

Luminaire encastrable fixe en aluminium pour ampoule QR-CB51 max. 50 W, IP65, dotée de difusueur en verre.

Información técnica | Technical information | Information technique



QR-CB51 *

Ref.		V	W	GEAR	
40225	○	12	Max. 50	--**	123~129
40215	●	1 x GX5,3			

Peso | Weight | Poids: 0,40 Kg.



KANT luminaria empotrable para LED 9 W

Luminaria empotrable orientable en aluminio inyectado con 3 POWER LED CREE de 3 W.

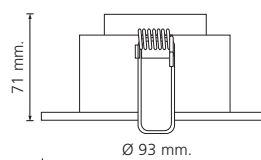
KANT downlight lamp for LED 9 W

Recessed downlight in die cast aluminium made with 3 POWER LED CREE de of 3 W.

KANT luminaire encastrable pour LED 9 W

Luminaire encastrable orientable en aluminium injecté avec 3 POWER LED CREE de 3 W.

Información técnica | Technical information | Information technique



CREE *

Ref.	W	mA	Lm	K	CRI	Δx°		
03060401	6	700	273,60	3000-3500	84,7	45	--**	073
03060403								
03060501	6	700	325	5000-6000	84,7	45	--**	074
03060503								

Peso | Weight | Poids: 0,22 Kg.

* Lámpara incluida Bulb included Ampoule inclus

** Driver no incluido (Ver pág. 257) Driver not included (See page 257) Driver non incluse (Voir page 257)

Fotométrica | Photometric | Photométrique: Pag. 283





DOLE

Empotrable de pared LED OSRAM de 1,2W, con luz cálida.
Fabricado en aluminio inyectado, disponible en blanco y gris.

Wall-recessed 1.2W LED OSRAM, with warm light.
Manufactured in cast aluminium, available in white and grey.

Luminaire mural encastrable à LED OSRAM de 1,2W, lumière chaude.
Fabriqué en aluminium injecté, disponible en noir, blanc et gris.



Indice Index Index

	Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
NEW	OSRAM LED 1 LED 1 x 1,2 W	06030101 06030103	161
NEW	Accesorios Accessories Accessoires		160



Detalles Overview Détails

Materiales

Luminaria de aluminio inyectado disponible en blanco y gris.

Materials

The luminaire is cast aluminium.

Matériaux

Ce luminaire est en aluminium injecté.

NEW

Ref. 06990101

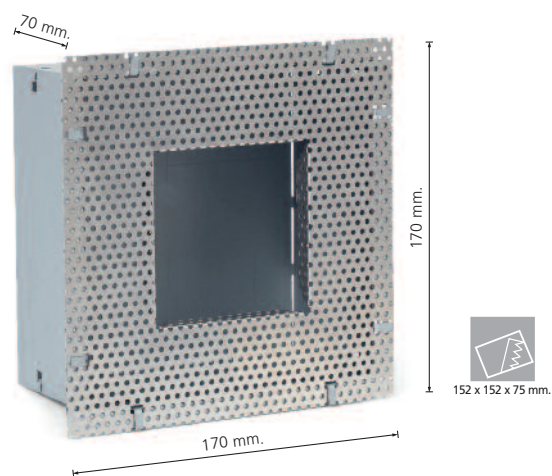
Caja metálica de empotrar en obra para luminaria DOLE.
No incluida.

Ref. 06990101

Mortise-recessed metal box for DOLE luminaire.
Not included.

Ref. 06990101

Châssis métallique à encastrer dans la maçonnerie pour luminaire DOLE.
Non incluse.





DOLE luminaria empotrable cuadrada

Luminaria empotrable cuadrada en aluminio inyectado con un LED OSRAM de 1,2W.

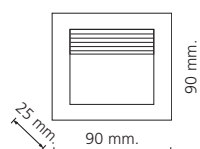
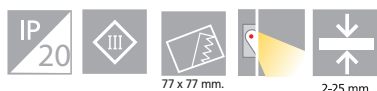
Square DOLE recessed luminaire

Square cast aluminium recessed luminaire with one OSRAM 1.2 W LEDs.

DOLE luminaire encastrable carré



Luminaire encastrable carré en aluminium injecté avec un LED OSRAM de 1,2W

Información técnica | Technical information | Information technique



OSRAM *

NEW

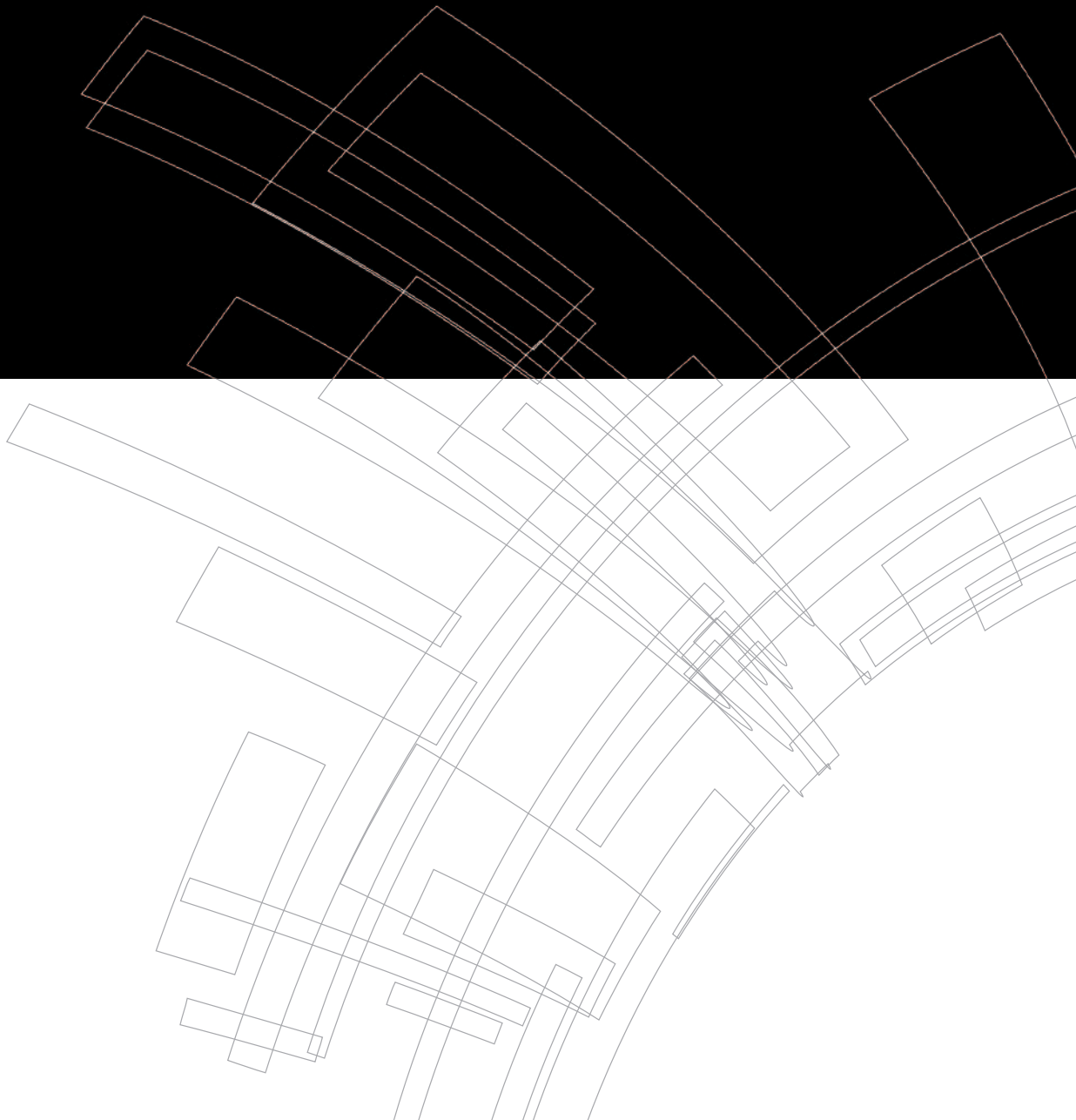
Ref.	W	mA	Lm	K	CRI		
06030101 	1,2	350	34,79	2800-3250	83	--**	075
06030103 	1,2	350	34,79	2800-3250	83	--**	075

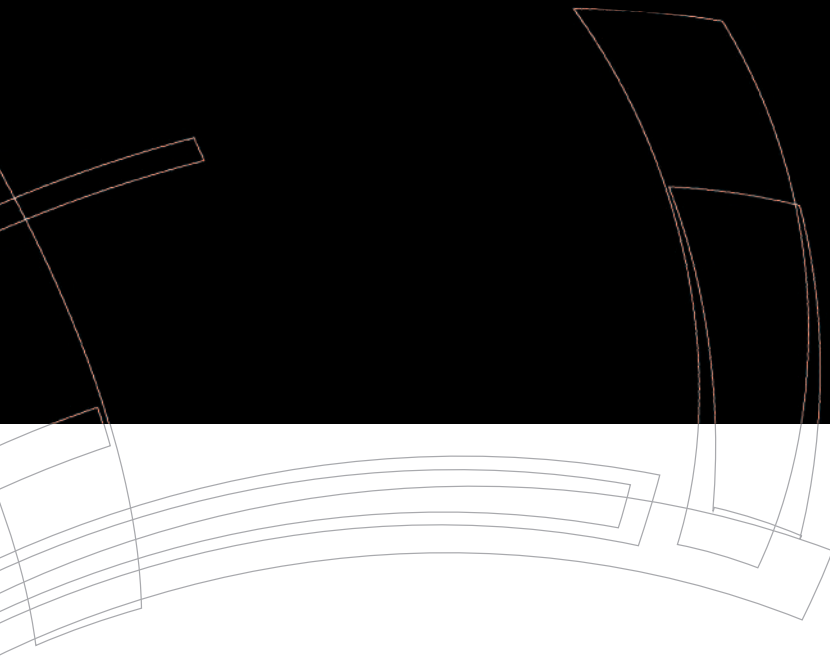
Peso | Weight | Poids: 0,40 Kg.

* Lámpara incluida | Bulb included | Ampoule inclus

** Driver no incluido (Ver pág. 257) | Driver not included (See page 257) | Driver non incluse (Voir page 257)

Fotométrica | Photometric | Photométrique: Pag. 283





KOPEK

El modelo KOPEK para POWERLED está fabricado en una sola pieza de aluminio lo que nos asegura un alto índice de protección (IP65). Disponible en dos formatos: circular y cuadrado.

The KOPEK model for POWERLED is made in just one aluminium piece, which ensures a high rate of protection (IP65). Available in two formats: round and square, in 2700 and 6500K.

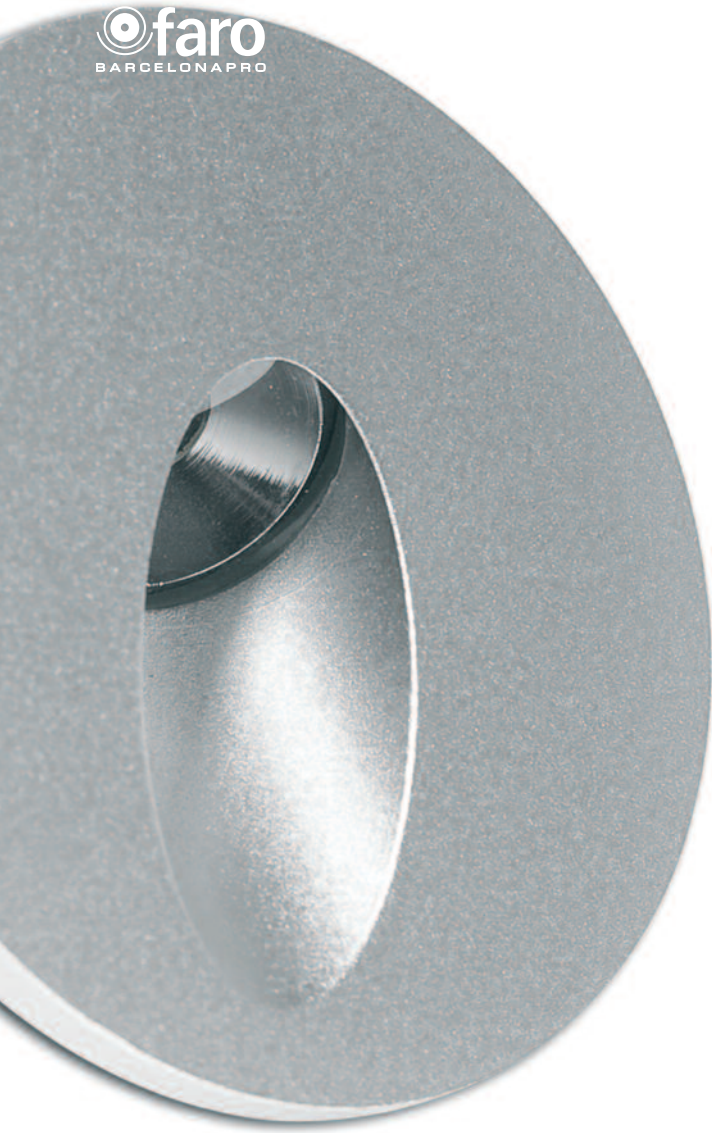
Le modèle KOPEK pour POWERLED est fabriqué en une seule pièce en aluminium ce qui nous garantit un haut taux de protection (IP65). Disponible en deux formats: circulaire et carré, en 2700 et 6500K.





Indice Index Index

Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
EDISON POWER LED 1 x 3 W	06010103	167
	06010303 ^{NEW}	
	06010203	168
	06010403 ^{NEW}	



Detalles Overview Détails

Fácil instalación

Se suministra la caja de empotrar en PVC para facilitar la instalación en obra.

Easy installation

The PVC embedding box is supplied to facilitate the installation in the works.

Installation facile

Le boîtier d'encastrement en PVC est fournie afin de faciliter l'installation.



Alto rendimiento lumínico

El POWER LED 3 W, 3000- 6500 K, garantiza un alto rendimiento lumínico con 200 lumens.

High luminic performance

The 3 W, 3000-6500 K POWER LED guarantees an high luminic performance with 200 lumens.

Haut rendement lumineux

Le POWER LED 3 W, 3000-6500 K garantit un haut rendement lumineux avec 200 lumens.





KOPEK luminaria empotrable circular

Luminaria empotrable circular en aluminio de 1 POWER LED EDISON de 3 W.

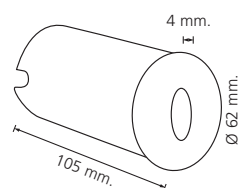
KOPEK round downlight

Round recessed 3 W POWER LED EDISON in aluminium.

KOPEK luminaire encastrable circulaire

Luminaire encastrable circulaire en aluminium de POWER LED EDISON de 3 W.

Información técnica | Technical information | Information technique



⊙ EDISON LED *

Ref.	W	mA	Lm	K	CRI	Δx°		
06010103	3	700	45,54	6500	85	38	--**	076
06010303	3	700	53,58	3000	83	38	--**	077

NEW

Peso | Weight | Poids: 0,25 Kg.

* Lámpara incluida | Bulb included | Ampoule inclus

** Driver no incluido (Ver pág. 257) | Driver not included (See page 257) | Driver non incluse (Voir page 257)



KOPEK luminaria empotrable cuadrada

Luminaria empotrable cuadrada en aluminio de 1 POWER LED EDISON de 3 W.

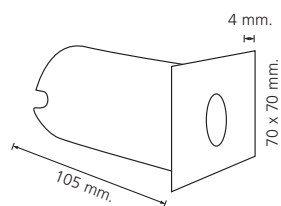
KOPEK square downlight

Square recessed 3 W POWER LED EDISON in aluminium.

KOPEK luminaire encastrable carré

Luminaire encastrable carré en aluminium de 1 POWER LED EDISON de 3 W.

Información técnica | Technical information | Information technique



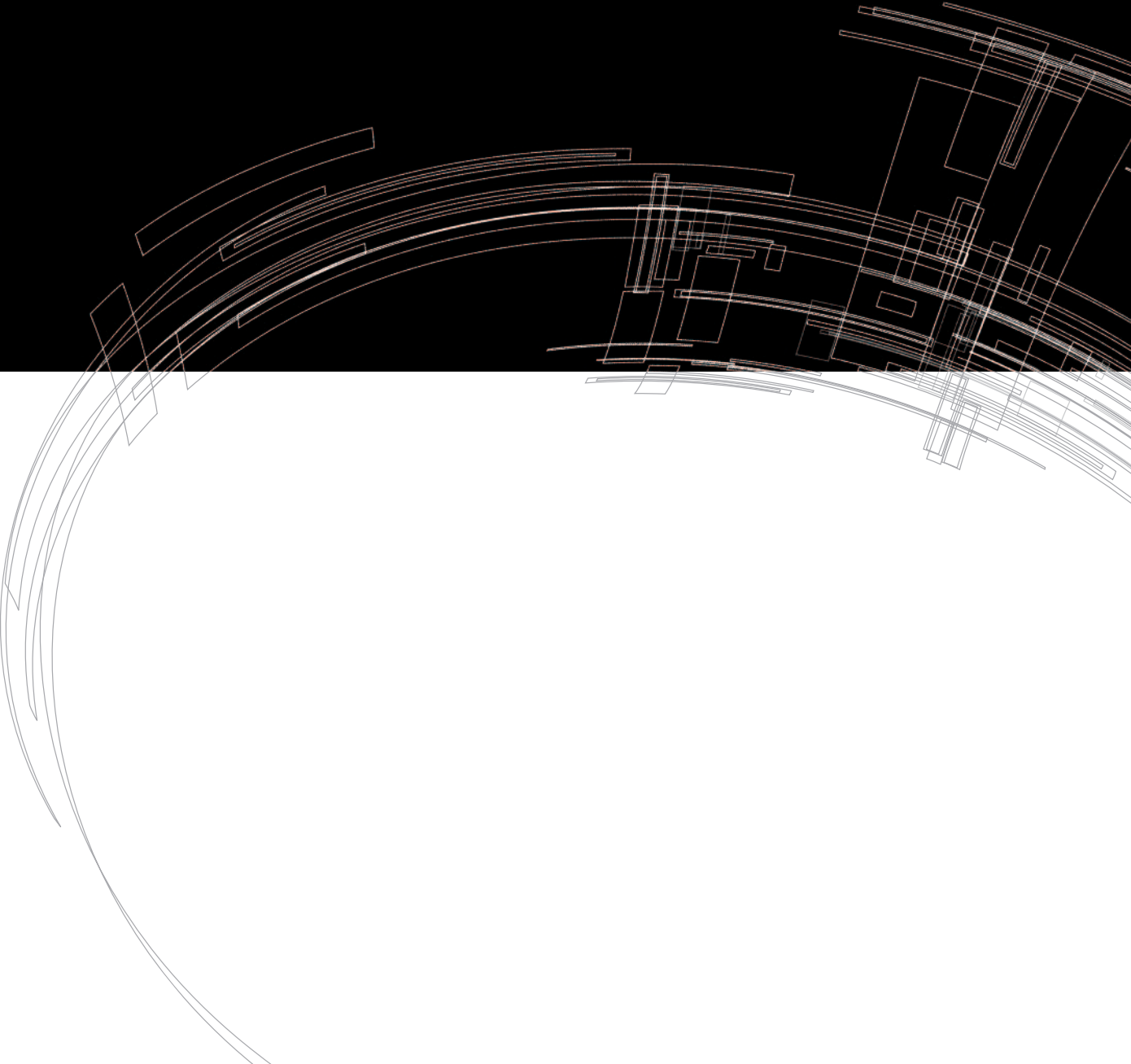
EDISON LED *

Ref.	W	mA	Lm	K	CRI	Δx°		
06010203	3	700	45,54	6500	85	38	--**	076
06010403	3	700	53,58	3000	83	38	--**	077

NEW

Peso | Weight | Poids: 0,27 Kg.







PLAS YES

La familia PLAS se compone de 3 empotrables de pared con LED CREE de 1W 3000K. Se complementa con el empotrable YES para QR-111 máx. 50W.

The PLAS family comprises three wall-recessed fixtures with a 1W, 3000K CREE LED. Supplemented by the YES recessed fixture for QR-111, max. 50W.

La gamme PLAS est composée de 3 encastrables au mur avec LED CREE 1W 3000K. Elle est complétée par l'encastrable YES pour QR-111 max. 50W.

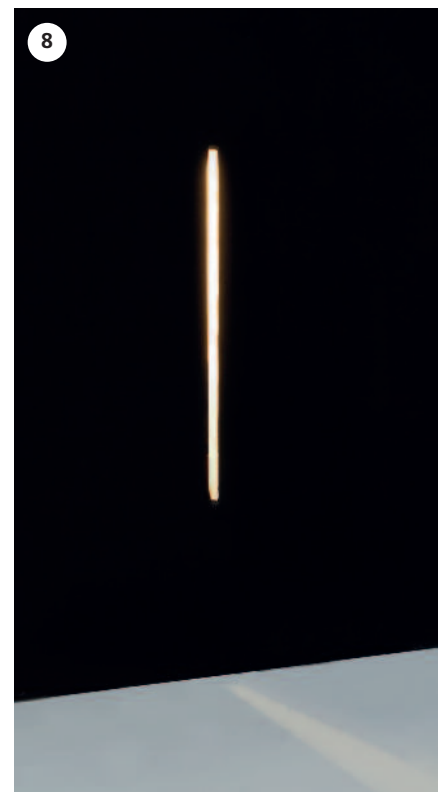
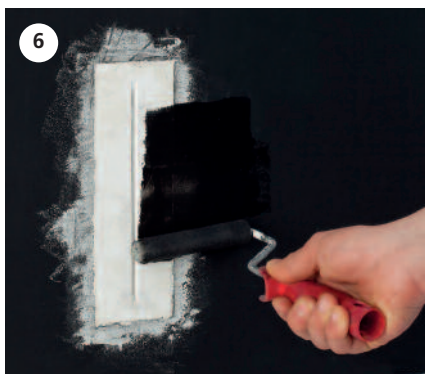
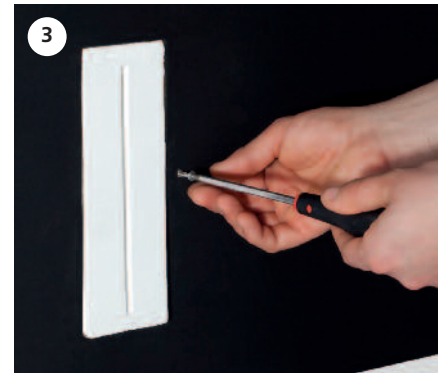
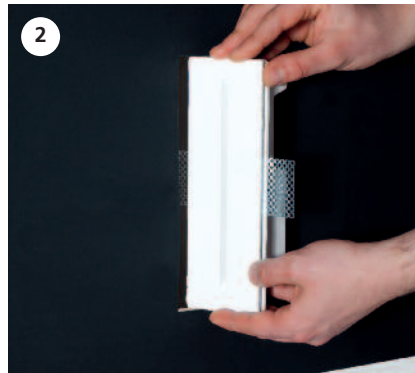
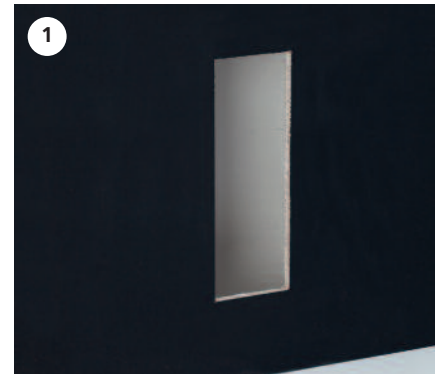




Indice Index Index

	Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
NEW	PLAS-1 1 x LED CREE 1 x 1 W	63281	175
NEW	PLAS-2 1 x LED CREE 1 x 1 W	63282	176
NEW	PLAS-3 1 x LED CREE 1 x 1 W	63283	177
NEW	YES 1 x AR111 Máx. 50 W Max.	63280	178

Instalación PLAS
PLAS installation
Installation PLAS





PLAS 1 luminaria empotrable rectangular

Luminaria empotrable en pared de formato rectangular. Acabada en yeso, para LED CREE 1W.

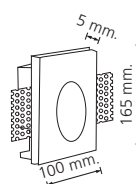
PLAS 1 rectangular recessed luminaire

Wall-recessed fixture, rectangular. Finished in plaster, for 1W CREE LED.

PLAS 1 luminaire encastrable rectangulaire

Luminaire encastrable au mur de forme rectangulaire. Finition en plâtre, pour LED CREE 1W.

Información técnica | Technical information | Information technique



LED CREE *

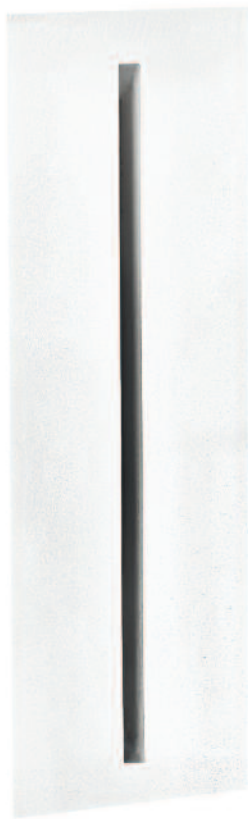
NEW

Ref.	W	mA	Lm	K	CRI		
63281 ○	1	350	62,71	3000	80	--**	078

Peso | Weight | Poids: 0,40 Kg.

* Lámpara incluida | Bulb included | Ampoule inclus

** Driver no incluido (Ver pág. 257) | Driver not included (See page 257) | Driver non incluse (Voir page 257)



PLAS 2 luminaria empotrable rectangular

Luminaria empotrable en pared de formato rectangular. Acabada en yeso, para LED CREE 1W.

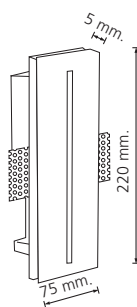
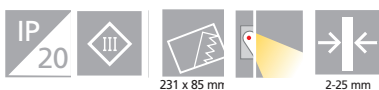
PLAS 2 rectangular recessed luminaire

Wall-recessed fixture, rectangular. Finished in plaster, for 1W CREE LED.

PLAS 2 luminaire encastrable rectangulaire

Luminaire encastrable au mur de forme rectangulaire. Finition en plâtre, pour LED CREE 1W.

Información técnica | Technical information | Information technique



LED CREE *

NEW

Ref.	W	mA	Lm	K	CRI		
63282	1	350	22,49	3000	80	--**	079

Peso | Weight | Poids: 0,40 Kg.



PLAS 3 luminaria empotrable rectangular

Luminaria empotrable en pared de formato rectangular. Acabada en yeso, para LED CREE 1W.

PLAS 3 recessed rectangular luminaire

Wall-recessed fixture, rectangular. Finished in plaster, for 1W CREE LED.

PLAS 3 luminaire encastrable rectangulaire

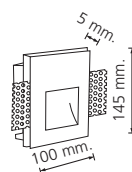
Luminaire encastrable au mur de forme rectangulaire. Finition en plâtre, pour LED CREE 1W.

Información técnica | Technical information | Information technique



155 x 110 mm

2-25 mm



LED CREE *

NEW

Ref.	W	mA	Lm	K	CRI		
63283 ○	1	350	64,80	3000	80	--**	080

Peso | Weight | Poids: 0,50 Kg.

* Lámpara incluida | Bulb included | Ampoule inclus

** Driver no incluido (Ver pág. 257) | Driver not included (See page 257) | Driver non incluse (Voir page 257)



YES luminaria empotrable en techo cuadrada

Luminaria empotrable para QR-111. Tipo cardan, cuadrada y orientable a 360°, acabada en yeso.

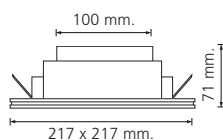
YES square, recessed ceiling luminaire

Recessed luminaire for QR-111. Gimbal type, square and swivable 360°, plaster finish.

YES luminaire carré encastrable au plafond

Luminaire encastrable pour QR-111. De type cardan, carré et orientable à 360°, finition en plâtre.

Información técnica | Technical information | Information technique



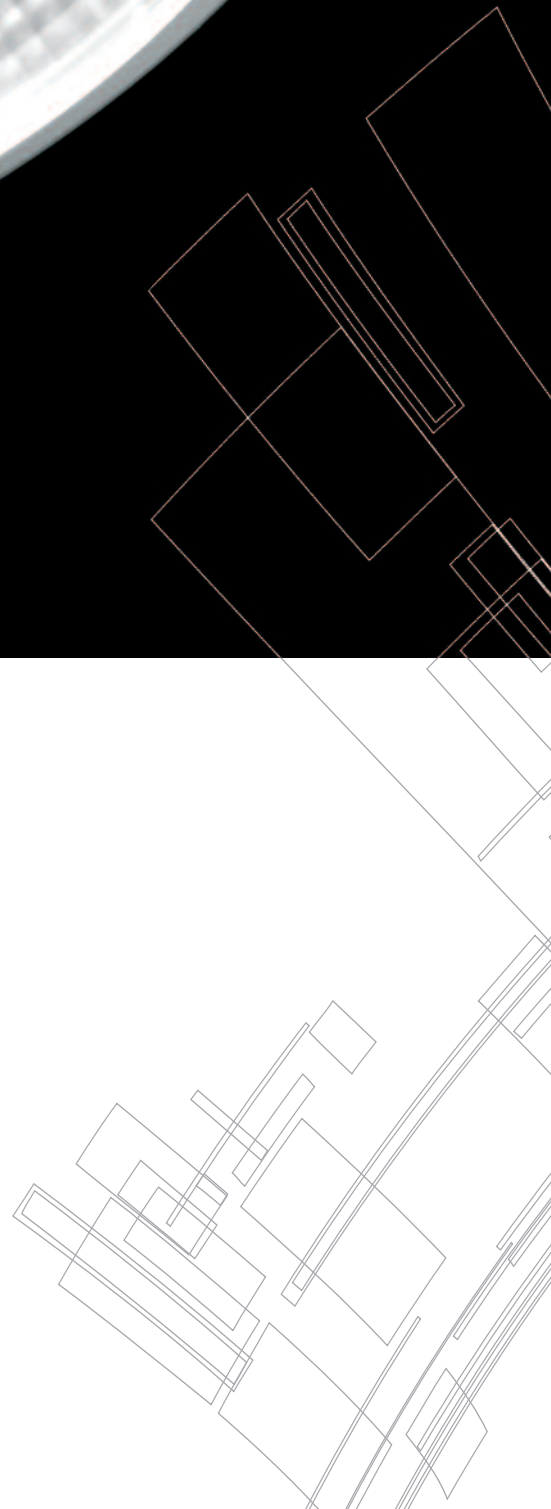
QR-111 *

NEW

Ref.		mA	W	GEAR	
63280	○ 1 x G53	350	Max. 50	-- **	130-131, 138-142

Peso | Weight | Poids: 1,50 Kg.







PASCAL

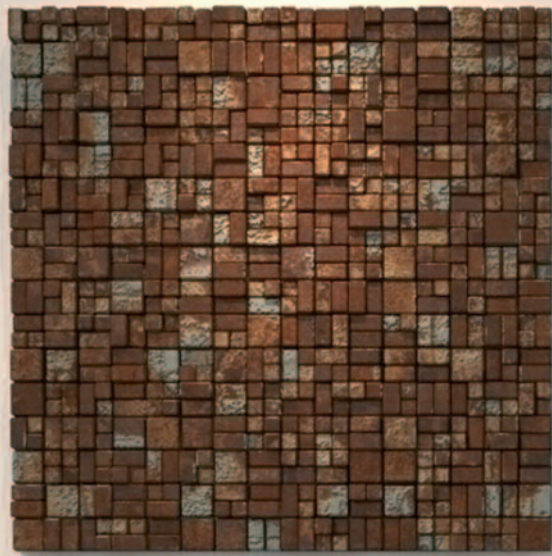
La serie PASCAL se compone de tres modelos de downlight abatibles para lámparas de descarga, están fabricados en aluminio inyectado y reflector de aluminio de alta pureza. Está disponible en varios grados de apertura. El diseño de esta luminaria está pensado para adaptarse a cualquier tipo de espacio. Las múltiples posibilidades de movimiento de la luminaria permiten un control total del haz de luz.

The PASCAL is made up with three folding downlight models for discharge lamps. They are made of die cast aluminium and a high pure aluminium reflector. It is available various opening degrees.

The design of this luminaire is thought to adapt to any type of space. The multiple possibilities of movement allow for a total control of the light beam.

La série PASCAL se compose de trois modèles de downlight rabattables pour ampoules à décharge, ils sont fabriqués en aluminium injecté et réflecteur en aluminium haute pureté. Elle est disponible en plusieurs degrés d'ouverture.

Le design de ce luminaire est pensé pour s'adapter à tout type d'espace. Les multiples possibilités de mouvement du luminaire permettent un contrôle total du faisceau de lumière.





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Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
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	02020602	
02020603		
1 x CDM-Tm 38° 20/35 W	02020901	186
	02020902	
	02020903	
1 x HIT-TC 12° 35/70 W	02020701	187
	02020702	
	02020703	
1 x HIT-TC 38° 35/70 W	02021001	187
	02021002	
	02021003	
1 x HIT-T 12° 35/70/150 W	02020801	187
	02020802	
	02020803	
1 x HIT-T 38° 35/70/150 W	02021101	187
	02021102	
	02021103	



Detalles Overview Détails

Versatilidad

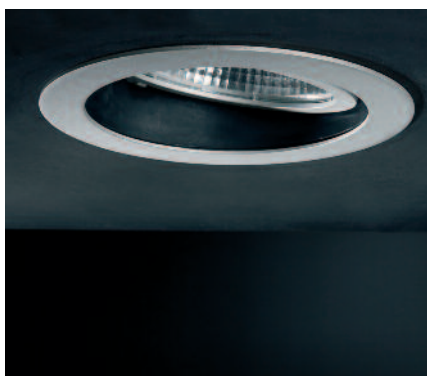
Todos los modelos son abatibles desde -20° hasta 45° permitiendo que la luminaria cree diferentes ambientes.

Versatility

All the models can be folded -20° up to 45° allowing the luminaire to create different ambiances.

Versatilité

Tous les modèles sont rabattables de -20° jusqu'à 45° permettant au luminaire de créer différentes ambiances.



Fácil montaje

El cuerpo de la luminaria incorpora un sistema de anclaje de alta calidad para facilitar el montaje.

Easy assembly

The body of the luminaire features a high quality anchoring system to facilitate the assembly.

Montage facile

Le corps du luminaire incorpore un système de fixation d'haute qualité pour faciliter le montage



Comodidad y seguridad

El reflector de aluminio de alta pureza forma una sola pieza junto al cristal protector y al marco embellecedor facilitando la reposición de la lámpara.

Convenience and safety

The high pure aluminium reflector is made of just one piece together with the protecting glass and the trim frame which facilitate the substitution of the lamp.

Confort et sécurité

Le réflecteur en aluminium haute pureté forme une seule pièce avec le verre protecteur et l'encadrement enjoliveur facilitant le remplacement de la ampoule.



PASCAL empotrable para CDM-Tm

Luminaria abatible para CDM-Tm de 20 W o 35 W, con dos opciones de reflector (12° o 38°), cuerpo en aluminio inyectado con reflector de aluminio de alta pureza.

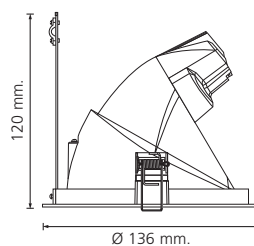
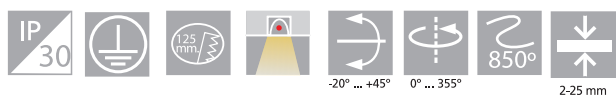
PASCAL downlight for CDM-Tm

Folding luminaire CDM-Tm of 20 W or 35 W, with two reflector options (12° o 38°), die cast aluminium body with high pure aluminium reflector.

PASCAL encastrable pour CDM-Tm

Luminaire rabattable pour CDM-Tm de 20 W ou 35 W, avec deux options de réflecteur (12° ou 38°), corps en aluminium injecté avec réflecteur en aluminium haute pureté.

Información técnica | Technical information | Information technique



CDM-Tm *

Ref.		W	Lm	△x°	GEAR	
02020601	○	1 x PGJ5	20	1615	12	081 (20W)
02020602	●		35	3000		
02020603	●					
02020901	○	1 x PGJ5	20	1615	38	083 (20W)
02020902	●		35	3000		
02020903	●					

Peso | Weight | Poids: 0,41 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non incluse (Voir page 257)



PASCAL empotrable para HIT-TC

Luminaria abatible para HIT-TC de 35 W o 70 W, con dos opciones de reflector (12° o 38°), cuerpo en aluminio inyectado y reflector de aluminio de alta pureza.

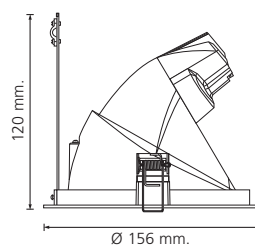
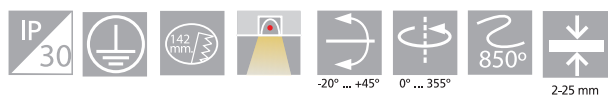
PASCAL downlight for HIT-TC

Folding luminaire HIT-TC of 35 W or 70 W, with two reflector options (12° o 38°), die cast aluminium body with high pure aluminium reflector.



PASCAL encastrable pour HIT-TC

Luminaire rabattable pour HIT-TC de 35 W ou 70 W, avec deux options de réflecteur (12° ou 38°), corps en aluminium injecté avec réflecteur en aluminium haute pureté.

Información técnica | Technical information | Information technique



HIT-TC *

Ref.		W	Lm	$\triangle x^\circ$	GEAR		
02020701	○	1 x G8.5	35	3300	12	--**	
02020702	●		70	6400			085 (35W)
02020703	●					086 (70W)	
02021001	○	1 x G8.5	35	3300	38	--**	
02021002	●		70	6400			087 (35W)
02021003	●						088 (70W)

Peso | Weight | Poids: 0,56 Kg.



PASCAL empotrable para HIT-T

Luminaria abatible para HIT-T de 35 W, 70 W o 150 W, con dos opciones de reflector de 12° o 38°, cuerpo en aluminio inyectado, con reflector de aluminio de alta pureza.

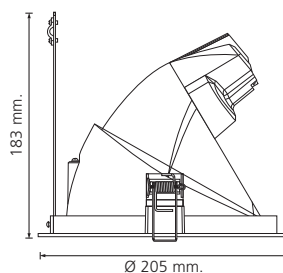
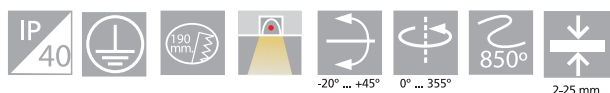
PASCAL downlight for HIT-T

Folding luminaire HIT-T of 35 W, 70 W or 150 W, with two reflector options (12° o 38°), die cast aluminium body with high pure aluminium reflector.

PASCAL encastrable pour HIT-T

Luminaire rabattable pour HIT-T de 35 W, 70 W ou 150 W, avec deux options de réflecteur (12° ou 38°), corps en aluminium injecté avec réflecteur en aluminium haute pureté.

Información técnica | Technical information | Information technique



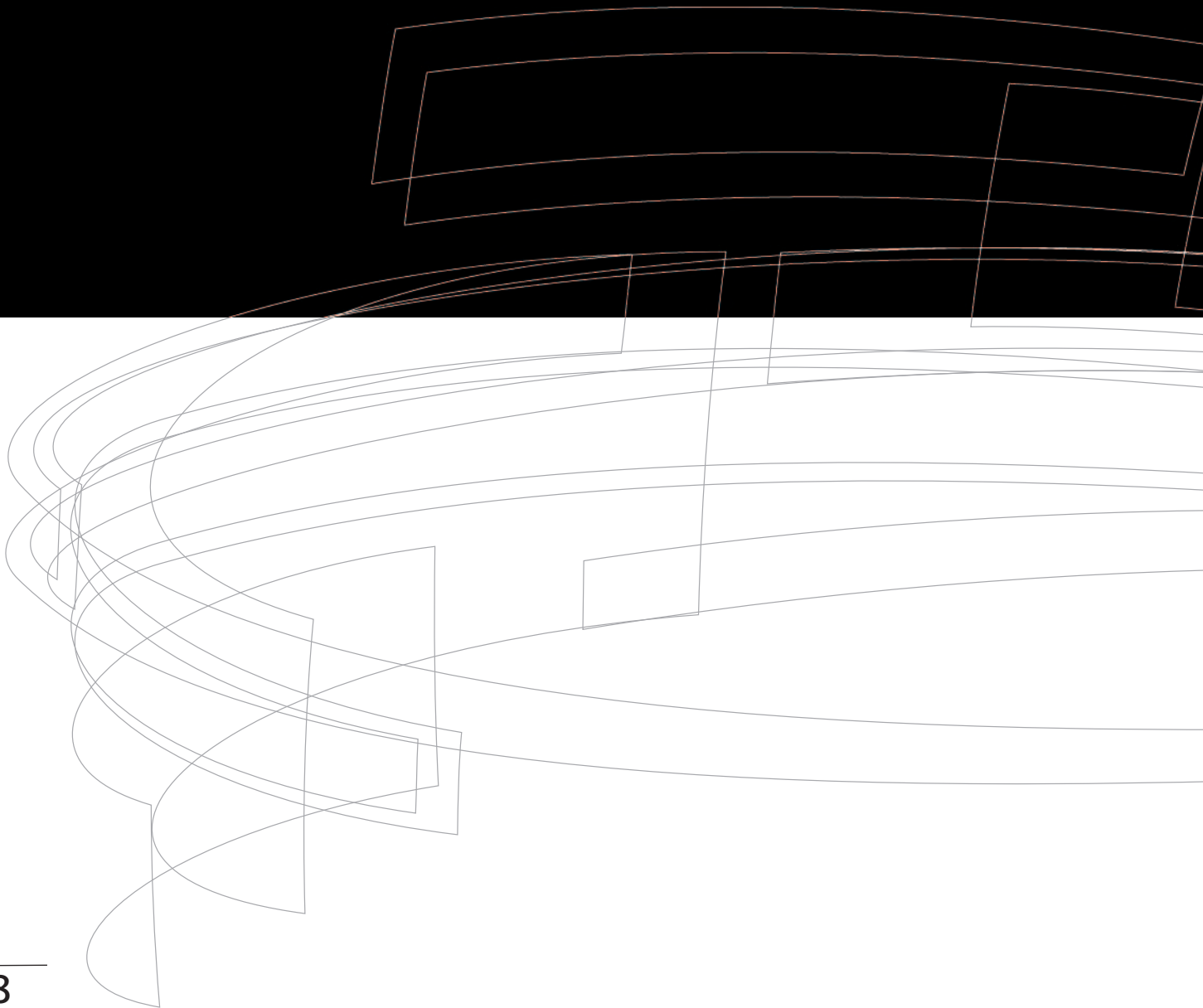
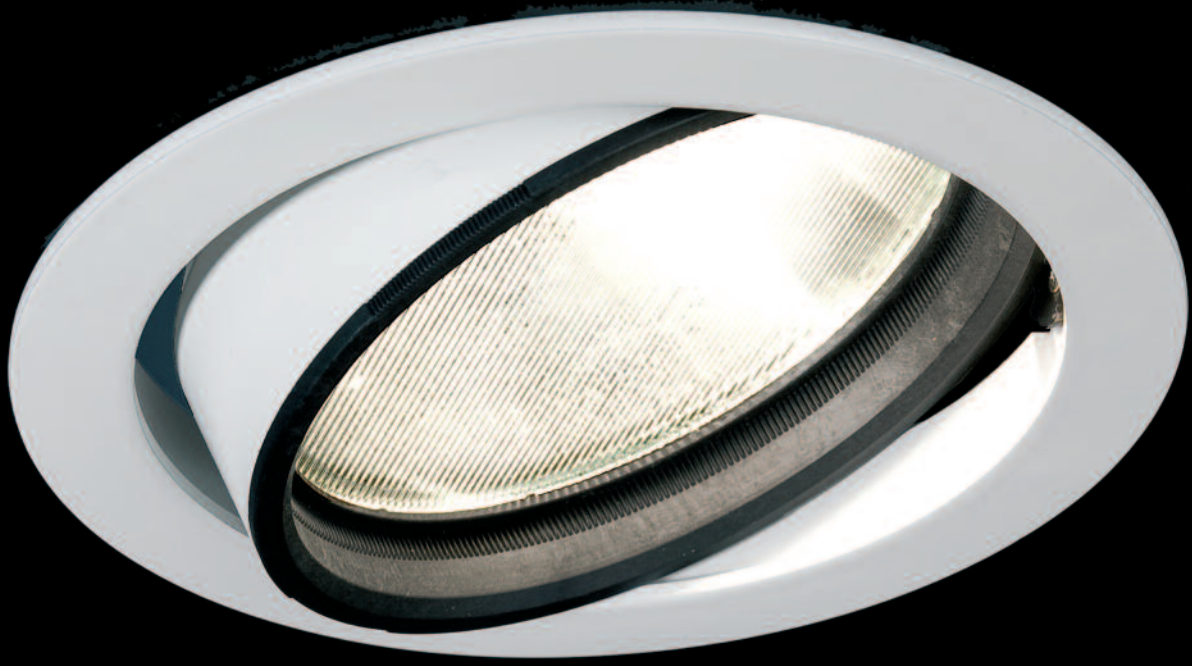
HIT-T *

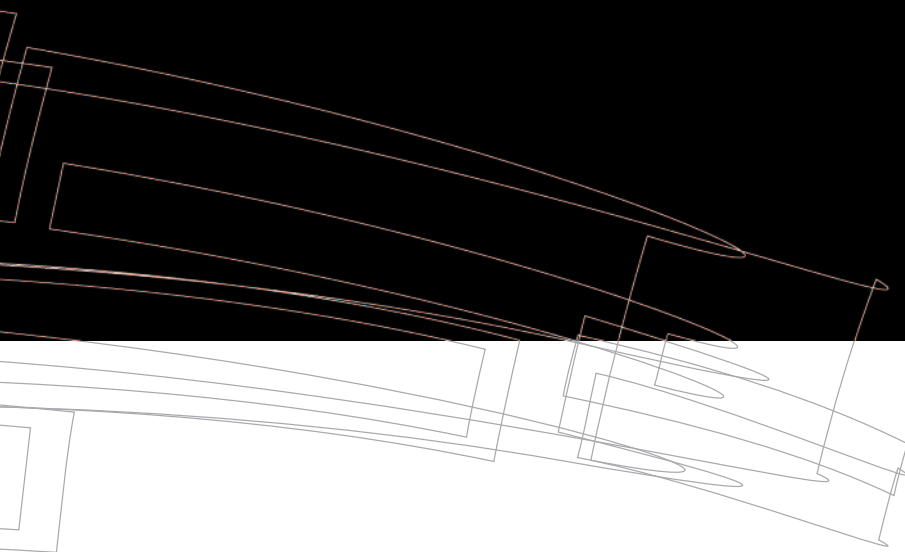
Ref.	Light Source	W	Beam Angle (°)	GEAR	Beam Diameter (mm)
02020801	○	1 x G12 35/70/150	12	--**	085 (35W, 3300 Lm)
02020802	●				086 (70W, 6600 Lm)
02020803	●				090 (150W, 14000 Lm)
02021101	○	1 x G12 35/70/150	38	--**	087 (35W, 3300 Lm)
02021102	●				088 (70W, 6600 Lm)
02021103	●				092 (150W, 14000 Lm)

Peso | Weight | Poids: 1,14 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non incluse (Voir page 257)





OLIMPO

La serie OLIMPO se compone de cinco luminarias empotrables para lámparas halógenas y de descarga.
Está fabricada íntegramente en aluminio inyectado con reflector de alta pureza.

The OLIMPO series is made up with five recessed luminaries for halogen and discharge lamps.
It is integrally made in die cast aluminium with high a pure reflector.

La série OLIMPO se compose de cinq luminaires encastrables pour ampoules halogènes et à décharge.
Elle est intégralement fabriquée en aluminium injecté avec réflecteur haute pureté.





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1 X CDM-Tm OVAL 20/35 W	03080501 03080502 03080503	
1 x CDM-R111 35/70 W	03080301 03080302 03080303	196
1 x HIT-T 38° 35/70/150 W	03080201 03080202 03080203	197
1 x HIT-T OVAL 35/70/150 W	03080601 03080602 03080603	
NEW 1 x SDW 50/100 W	03080701 03080702 03080303	198



Detalles Overview Détails

Orientable

Todos los modelos son orientables 30° sobre el eje horizontal, permitiendo mantener un control total sobre el haz de luz.

Multi-directional

All the models are 30° multi-directional on their horizontal axis, allowing thus a total control of the light beam.

Orientable

Tous les modèles sont orientables 30° sur l'axe horizontal, permettant de maintenir un contrôle total sur le faisceau de lumière.



Sistema de anclaje

El sistema de anclaje de todos los modelos garantiza la presión de agarre ideal para colocar la luminaria en cualquier superficie.

Anchoring system

The anchoring system of all the models guarantee the ideal fastening pressure to place the luminaire on any surface.

Système de fixation

Le système de fixation de tous les modèles garantit la pression de prise idéale pour placer le luminaire sur n'importe quelle surface.

Reposición de lámparas

En los modelos con reflector incorporado se accede a la lámpara girando el embellecedor que incorpora el cristal protector, facilitando así su reposición.



Substitution of lamps

In the models with a reflector, the lamp is reached by turning the trim in the protecting to facilitate its substitution.



Remplacement des ampoules

Pour les modèles avec réflecteur incorporé on accède à la ampoule en faisant tourner l'enjoliveur qui incorpore le verre protecteur, facilitant ainsi son remplacement.



Disipador de calor

Todos los modelos incorporan un disipador de calor de aluminio inyectado para mantener la temperatura óptima de trabajo de la lámpara y garantizar la máxima vida útil de la misma.

Heat dissipator

All the models feature an efficient heat dissipator made of die cast aluminium to keep the optimum working temperature of the lamp.

Dissipateur de chaleur

Tous les modèles incorporent un dissipateur de chaleur en aluminium injecté pour maintenir la température de travail optimale de la ampoule et garantir une durée de vie maximum de celle-ci.



OLIMPO luminaria empotrable orientable QR-111

Luminaria empotrable orientable en aluminio inyectado para QR-111 de máximo 100 W.

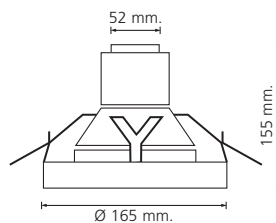
OLIMPO orientable downlight for QR-111

Orientable downlight lamp die cast aluminium made for QR-111 bulb max. 100 W.

OLIMPO lampe encastrable orientable pour QR-111

Luminaire encastrable orientable pour ampoule QR-111 max. 100 W en aluminium injecté.

Información técnica | Technical information | Information technique



QR-111 *

Ref.		V	W	GEAR	
03080401	1 x G53	12	Max. 100	--**	130~145
03080402					
03080403					

Peso | Weight | Poids: 0,45 Kg.



Modelo con reflector 38°
38° reflector model
Modèle avec réflecteur 38°



Modelo con reflector oval
Oval reflector model
Modèle avec réflecteur oval

OLIMPO luminaria empotrable orientable CDM-Tm

Luminaria empotrable orientable para CDM-Tm de 20 o 35 W en aluminio inyectado.
Disponibile con reflector de 38° u oval.

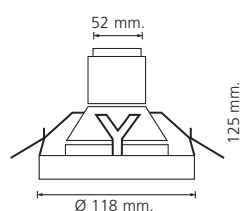
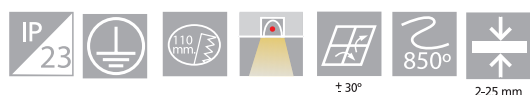
OLIMPO orientable downlight for CDM-Tm

Orientable downlight lamp die cast aluminium made for CdM-Tm bulb of 20 W or 35W. Aviable with 38° beam angle reflector or with oval reflector.

OLIMPO lampe encastrable orientable pour CDM-Tm

Luminaire encastrable orientable pour ampoule CDM-Tm max. 100 W en aluminium injecté.
Disponibile avec réflecteur de 38° ou oval.

Información técnica | Technical information | Information technique



CDM-Tm *

Ref.		W	Lm	△°	GEAR	
03080101	○	PGJ5 20 35	1615	38	--**	093 (20W)
03080102	●		3000			094 (35W)
03080103	●					
03080501	○	PGJ5 20 35	1615	Oval	--**	095 (20W)
03080502	●		3000			096 (35W)
03080503	●					

Peso | Weight | Poids: 0,42 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)
** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non incluse (Voir page 257)



OLIMPO luminaria empotrable orientable CDM-R111

Luminaria empotrable orientable para CDM-R111 para 35 o 70 W en aluminio inyectado.

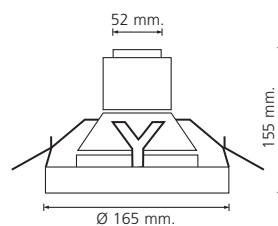
OLIMPO orientable downlight for CDM-R111

Orientable downlight lamp die cast aluminium made for CDM-R111 bulb 35 or 70 W.

OLIMPO orientable downlight lampe pour CDM-R111

Luminaire encastrable orientable pour ampoule CDM-R111 35 ou 70 W en aluminium injecté.

Información técnica | Technical information | Information technique



CDM-R111 *

Ref.		W	GEAR	
03080301	○			
03080302	●	1 x GX8.5	35/70	--**
03080303	●			148~157

Peso | Weight | Poids: 0,80 Kg.



Modelo con reflector oval
Oval reflector model
Modèle avec réflecteur oval



Modelo con reflector 38°
38° reflector model
Modèle avec réflecteur 38°

OLIMPO luminaria empotrable orientable HIT-T

Luminaria empotrable orientable para HIT-T de 35, 70 o 150 W en aluminio inyectado.
Disponibile con reflector de 38° u oval.

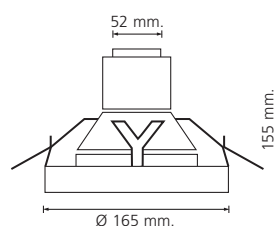
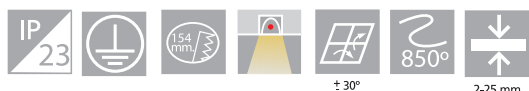
OLIMPO orientable downlight lamp HIT-T

Luminaria empotrable orientable para HIT-T de 35, 70 o 150 W en aluminio inyectado.
Disponibile con reflector de 38° u oval.

OLIMPO lampe encastrable orientable pour HIT-T

Luminaire encastrable orientable pour ampoule HIT-T 35, 70 ou 150 W en aluminium injecté.
Disponibile avec réflecteur de 38° ou oval.

Información técnica | Technical information | Information technique



HIT-T *

Ref.		W	△°	GEAR		
03080201	○	1 x G12	35/70/150	38	097 (35W, 3300 Lm)	
03080202	●				--**	098 (70W, 6600 Lm)
03080203	●				099 (150W, 14000 Lm)	
03080601	○	1 x G12	35/70/150	Oval	100 (35W, 3300 Lm)	
03080602	●				--**	101 (70W, 6600 Lm)
03080603	●				102 (150W, 14000 Lm)	

Peso | Weight | Poids: 0,82 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)
** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non incluse (Voir page 257)



OLIMPO luminaria empotrable orientable SDW

Luminaria empotrable orientable para SDW de 50 o 100W en aluminio inyectado.
Disponibile con reflector de 38° u oval.

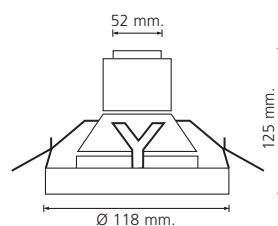
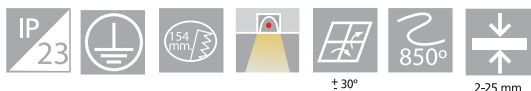
Recessed, adjustable OLIMPO SDW luminaire

Recessed, adjustable cast aluminium luminaire for 50 or 100W SDW.
Available with 38° reflector.

OLIMPO luminaire encastrable orientable SDW






Luminaire encastrable orientable pour SDW de 50 ou 100W en aluminium injecté.
Disponibile avec réflecteur 38°.

Información técnica | Technical information | Information technique



 SDW *

NEW

Ref.		W	Lm	GEAR	
03080701		50	2400	..**	103
03080702		100	4900	..**	104
03080703					

Peso | Weight | Poids: 0,42 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)
** Equipo no incluido (Ver pág. 257) Gear not included (See page 257) Transfo non incluse (Voir page 257)

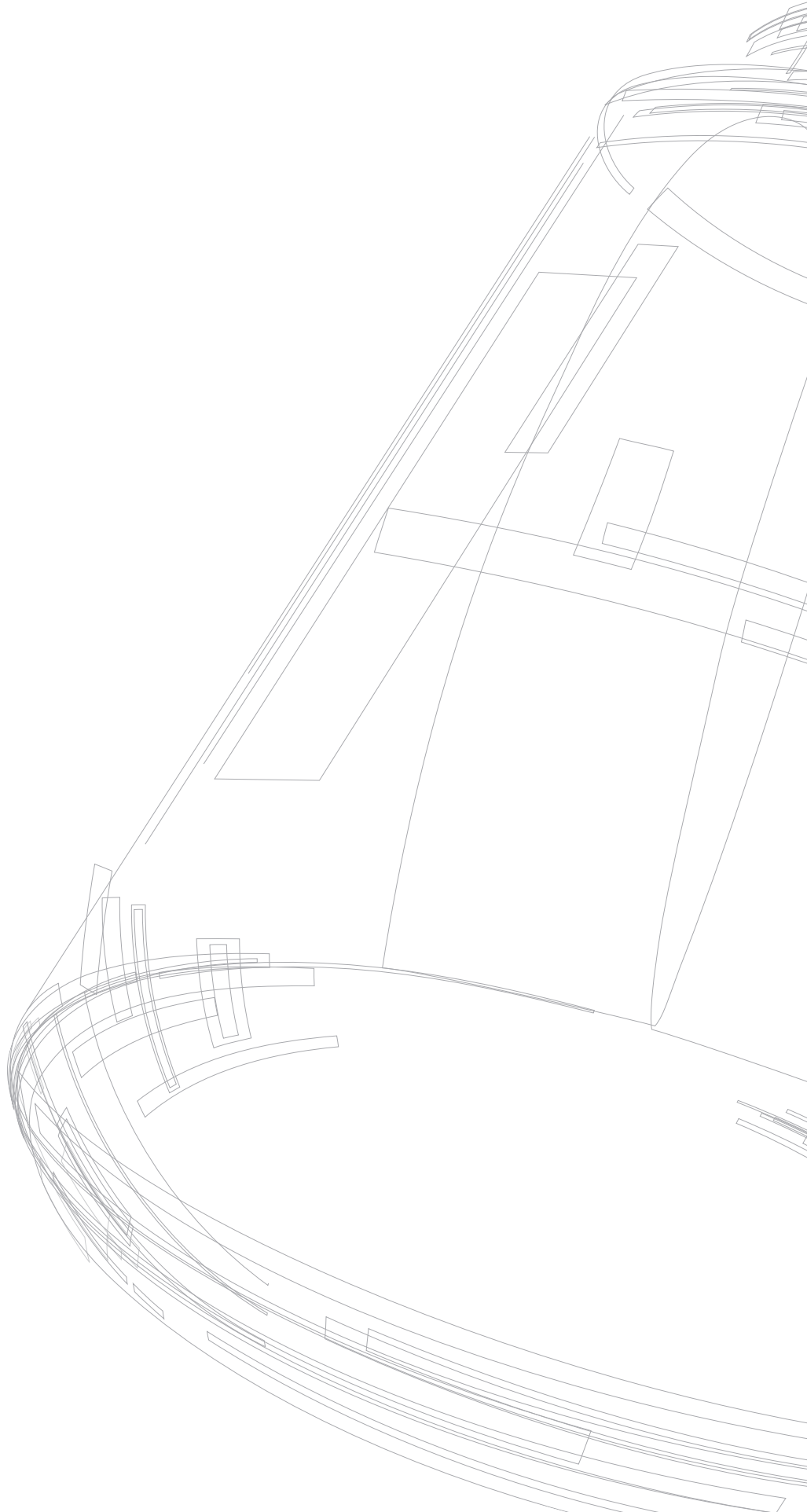


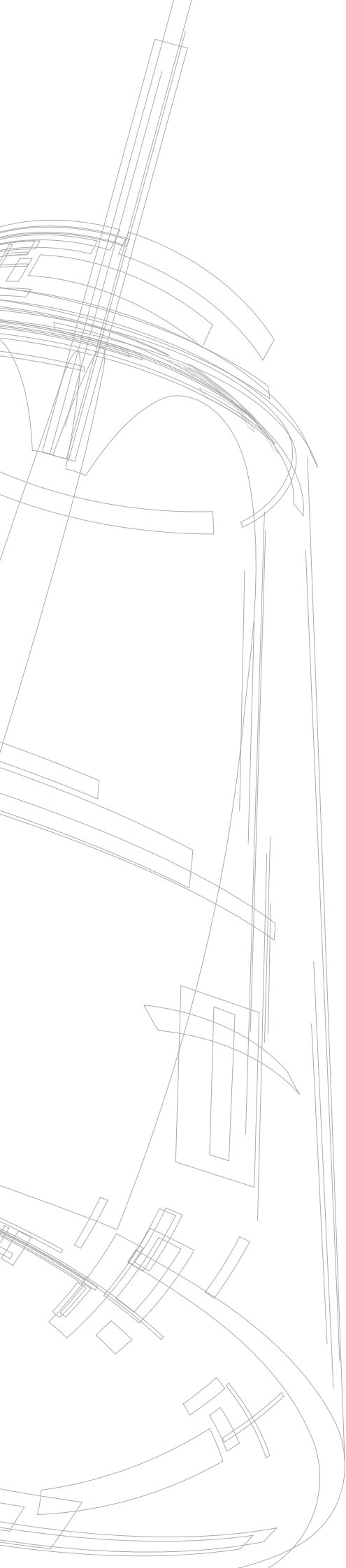
211,90

892,90



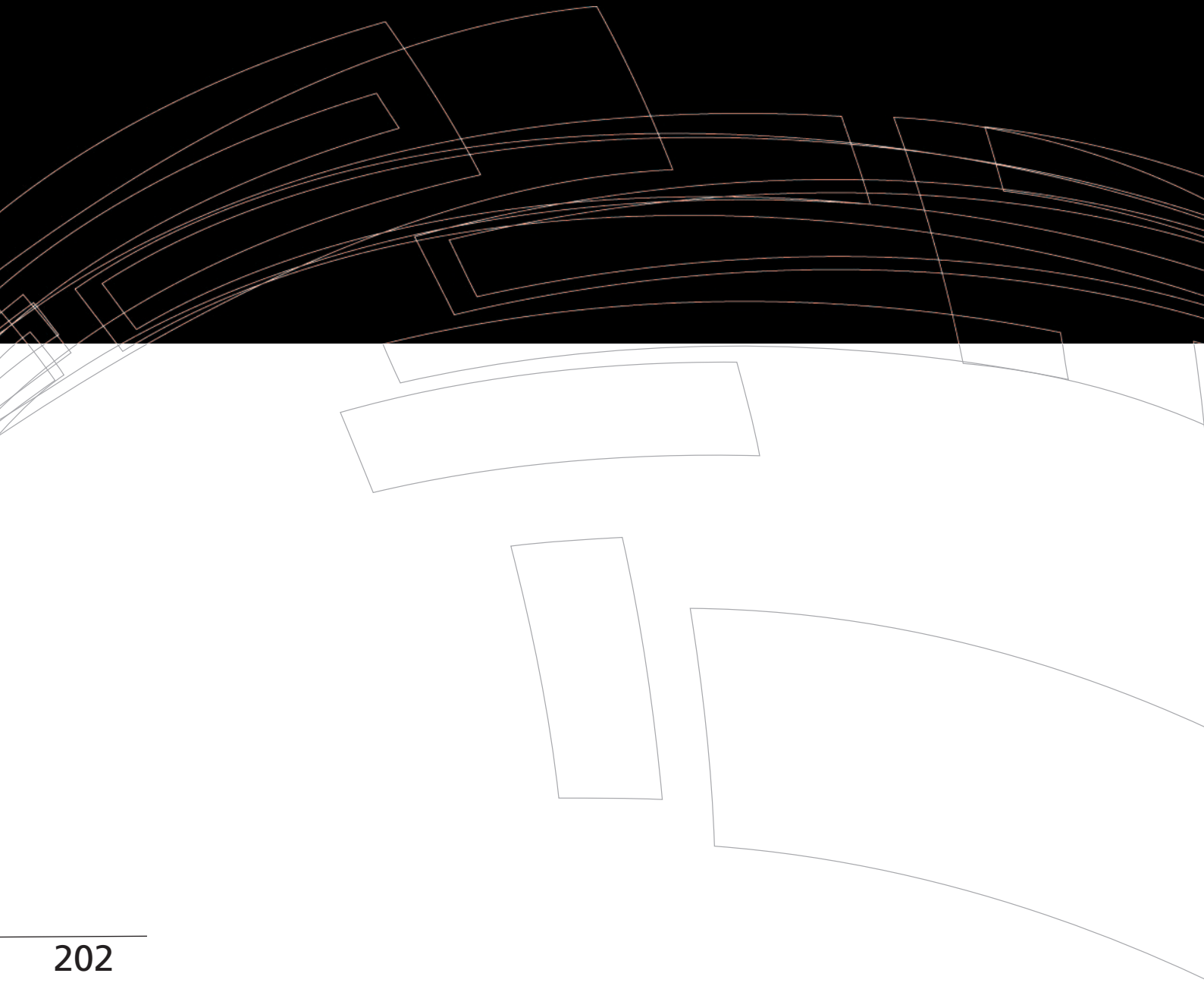
3





**superficie /
suspension**
surface /
suspended
apparents /
suspension

LEK	202
NECKAR	210
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LEK

La serie LEK está compuesta por tres luminarias de superficie fijas para 1, 3, 6 LED de alta luminosidad disponible en dos temperaturas de color: blanca fría y blanca cálida.

The LEK series is made up with three fixed luminaires of surface for 1, 3, 6 LED of high luminosity and it is available in two colour temperatures: cold white and warm white.

La série LEK se compose de trois luminaires en saillie fixes pour 1, 3, 6 LED à haute luminosité disponible en deux températures de couleur: blanche froide et blanche chaude.





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Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
EDISON POWER LED 1 LED 1 x 3 W	05010103 05010203	207
EDISON POWER LED 3 LED 3 x 1 W	05010303 05010403	208
EDISON POWER LED 6 LED 6 x 1 W	05010503 05010603	209



Máxima potencia lumínica

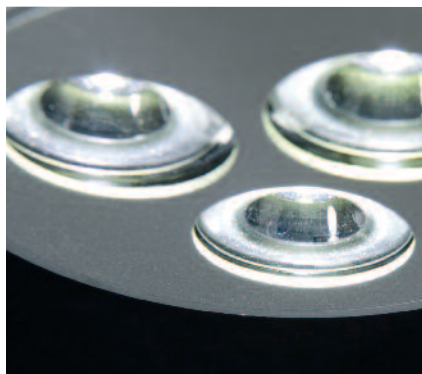
LED de alta potencia EDISON con ángulos de apertura de 45°. Los empotrables incorporan sistema electrónico CREE. Están disponibles con LED tanto en luz blanca cálida como en luz blanca fría.

Maximum luminic power

High power EDISON LED with 45° opening angles. The recessed ones feature the CREE electronic system. They are available with warm white LED light as with cold white led light.

Puissance lumineuse maximale

LED à haute puissance EDISON avec angles d'ouverture de 45°. Les encastrables incorporent un système électronique CREE. Ils sont disponibles avec LED de lumière blanche chaude et lumière blanche froide.



Detalles Overview Détails

Fácil montaje

Todos los modelos incluyen una placa que facilita la fijación de la luminaria.

Easy assembly

All the models include a plate to facilitate the fastening of the luminaire.

Montage facile

Tous les modèles incluent une plaque qui facilite la fixation du luminaire.



Disipador de calor

El modelo de 6 LED dispone de disipador de calor para asegurar la máxima vida útil del LED.

Heat dissipator

The model with 6 LED heat dissipator to ensure maximum life of the LED.

Dissipateur de chaleur

Le modèle de 6 LED dispose d'un dissipateur de chaleur pour assurer une durée de vie du LED maximum.



LEK luminaria superficie 1 LED

Luminaria LED de superficie de aluminio para 1 POWER LED EDISON de 3 W con electrónica CREE y ángulo de 45°, disponible en dos temperaturas de color.

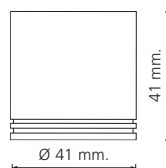
LEK surface luminaire 1 LED

Aluminium surface LED luminaire for 1 POWER LED EDISON of 3 W with CREE electronic and a 45° angle. Available in two colour temperatures.

LEK luminaire en saillie 1 LED

Luminaire LED en saillie en aluminium pour 1 POWER LED EDISON de 3 W avec système électronique CREE et angle de 45°, disponible en deux températures de couleur.

Información técnica | Technical information | Information technique



EDISON *

Ref.	W	mA	Lm	K	CRI	△x°	☐	☒
05010103	3	700	72,91	3000-3200	75	45	--**	105
05010203	3	700	110,59	5650-6300	70	45	--**	106

Peso | Weight | Poids: 0,07 Kg.

* Lámpara incluida | Bulb included | Ampoule inclus

** Driver no incluido (Ver pág. 257) | Driver not included (See page 257) | Driver non incluse (Voir page 257)



LEK luminaria superficie 3 LED

Luminaria LED de superficie de aluminio para 3 POWER LED EDISON de 1 W con electrónica CREE y ángulo de 45°, disponibles en dos temperaturas de color.

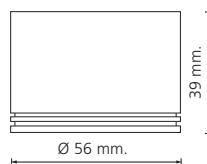
LEK surface luminaire 3 LED

Aluminium surface LED luminaire for 3 POWER LED EDISON of 1 W with CREE electronic and a 45° angle. Available in two colour temperatures.

LEK luminaire en saillie 3 LED

Luminaire LED en saillie en aluminium pour 3 POWER LED EDISON de 1 W avec système électronique CREE et angle de 45°, disponible en deux températures de couleur.

Información técnica | Technical information | Information technique



EDISON *

Ref.	W	mA	Lm	K	CRI	△x°		
05010303	3	350	135,75	3000-3200	75	45	--**	107
05010403	3	350	138,53	5650-6300	70	45	--**	108

Peso | Weight | Poids: 0,11 Kg.



LEK luminaria superficie 6 LED

Luminaria LED de superficie de aluminio para 6 POWER LED EDISON de 1 W con electrónica CREE y ángulo de 45°, disponible en dos temperaturas de color.

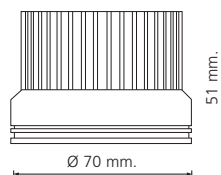
LEK surface luminaire 6 LED

Aluminium surface LED luminaire for 6 POWER LED EDISON of 1 W with CREE electronic and a 45° angle. Available in two colour temperatures.



LEK luminaire en saillie 6 LED

Luminaire LED en saillie en aluminium pour 6 POWER LED EDISON de 1 W avec système électronique CREE et angle de 45°, disponible en deux températures de couleur.

Información técnica | Technical information | Information technique



EDISON *

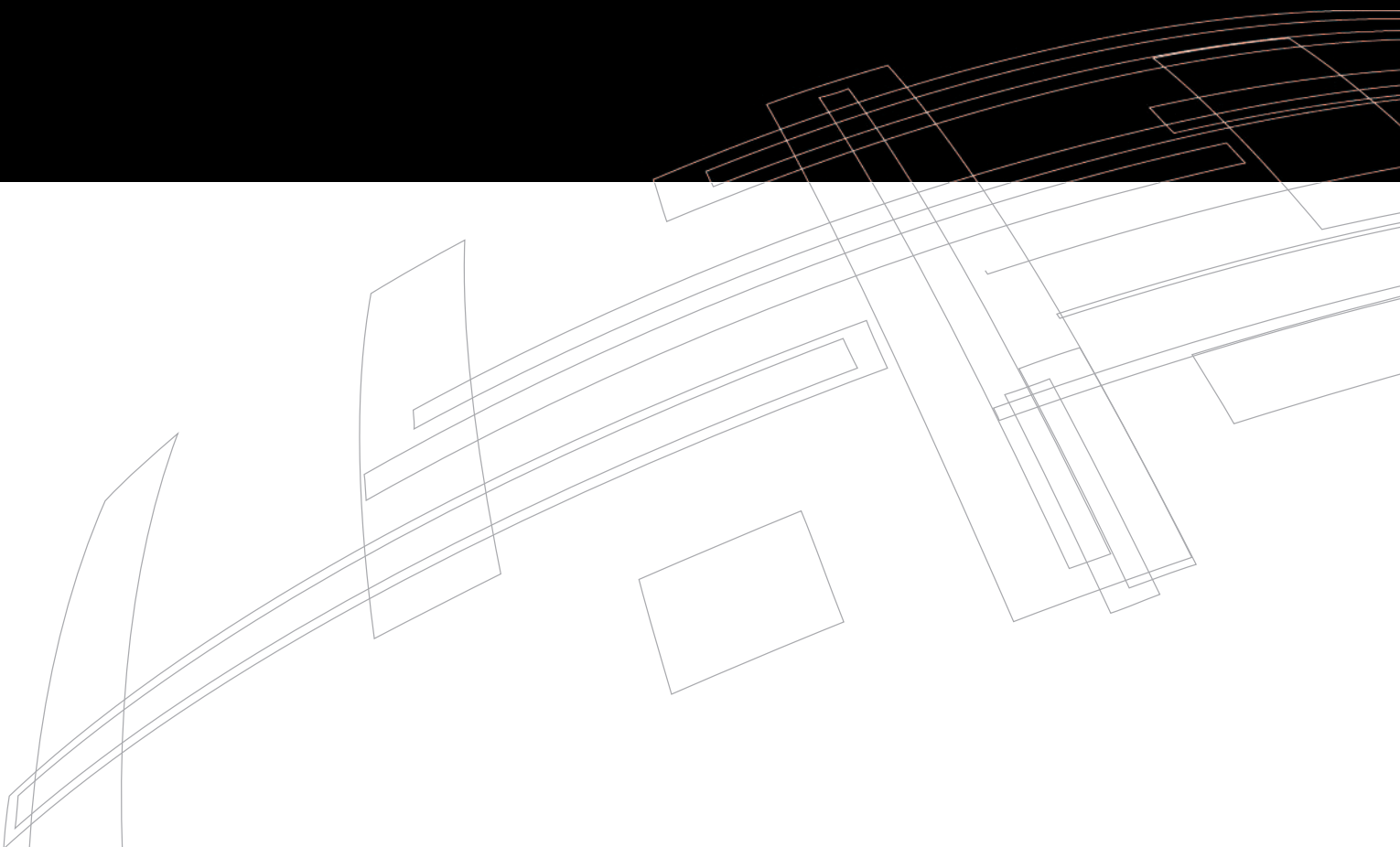
Ref.	W	mA	Lm	K	CRI	△x°	☐	☒
05010503 	6	350	261,10	3000-3200	75	45	--**	109
05010603 	6	350	293,58	5650-6300	70	45	--**	110

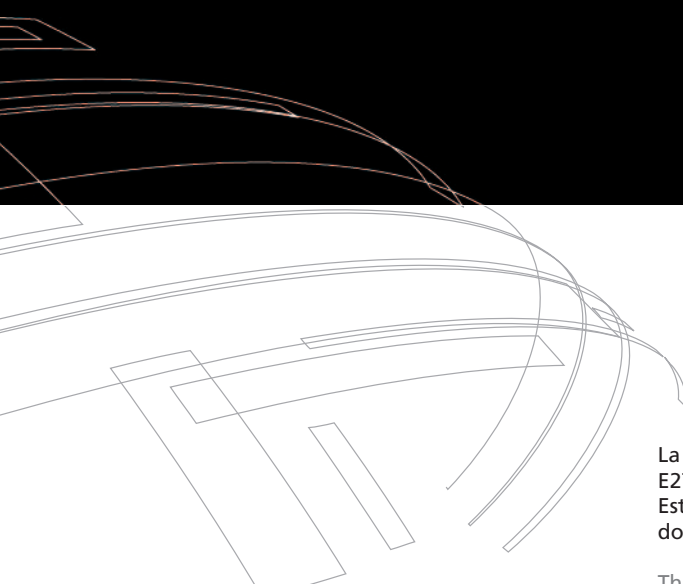
Peso | Weight | Poids: 0,14 Kg.

* Lámpara incluida | Bulb included | Ampoule inclus

** Driver no incluido (Ver pág. 257) | Driver not included (See page 257) | Driver non incluse (Voir page 257)

Fotométrica | Photometric | Photométrique: Pag. 292-293





NECKAR

La familia NECKAR está compuesta por tres luminarias de suspensión para lámparas E27 y de descarga. Están fabricadas en aluminio disponible en tres acabados, blanco, negro y gris, en dos diámetros 30 y 40 cm, dependiendo de la lámpara que utilicen.

The NECKAR family is made up of three suspension luminaries for E27 and discharge lamps. They are made in aluminium and are available in 3 finish: white, black and grey, in two diameters, 30 and 40 cm, depending on the type of lamp they use.

La famille NECKAR est composée de trois suspensions pour ampoules E27 et de décharge. Elles sont fabriquée en aluminium, disponibles en trois finitions,, blanc, noir et gris, avec deux diamètres, 30 et 40 cm, en fonction de l'ampoule utilisée.





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1 x HIT-T 70 W	04010201 04010202 04010203	216
1 x HIT-T 150 W	04010301 04010302 04010303	217



Detalles Overview Détails

Disipador de calor

Todos los modelos incorporan un disipador de calor para facilitar la circulación del aire y aumentar la vida útil de los equipos y las lámparas.

Heat dissipator

All the models feature a cooler to facilitate the air flow and enhance the use life of the equipments and the lamps.

Dissipateur de chaleur

Tous les modèles incorporent un dissipateur de chaleur pour faciliter la circulation de l'air et rallonger la durée de vie des ballast et des ampoules.



Protección en Pyrex

Los modelos para lámpara de descarga incorporan protector de cristal Pyrex satinado.

Pyrex protection

The discharge lamps models includes a satin Pyrex protector glass.

Protection en Pyrex

Les modèles pour ampoules à décharge incorporent une protection en verre Pyrex satiné.

Mejor rendimiento lumínico

El interior de la campana tiene un acabado en pintura plateada para un mejor rendimiento lumínico.

Better luminic performance

The inside of the dome is finished with a coat of silver paint in order to achieve a better luminic performance.

Meilleur rendement lumineux

L'intérieur de la cloche est fini en peinture argentée pour un meilleur rendement lumineux.





NECKAR lámpara de suspensión E27

Luminaria de suspensión para E27 máx. 100 W con campana en aluminio y cable de suspensión en acero.

NECKAR suspended lamp E27

Suspension luminaire for E27 max. 100 W with aluminium dome and steel suspension wire.



NECKAR suspension E27

Suspension E27 max. 100 W avec cloche en aluminium et câble en acier.

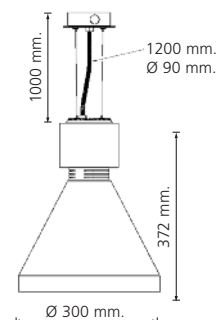
Información técnica | Technical information | Information technique



 **E-27 ***

Ref.		W	Lm	
04010101		1 x E27	Max. 100	1160
04010102				
04010103				

Peso | Weight | Poids: 2,00 Kg.



* Lámpara no incluida Bulb not included Ampoule non inclus



NECKAR lámpara de suspensión HIT-T 70 W

Luminaria de suspensión para HIT-T G12 máx. 70 W, con campana en aluminio y cable de suspensión en acero. Incluye equipo Philips.

NECKAR suspended lamp HIT-T 70 W

Suspension luminaire for HIT-T G12 max. 100 W with aluminium dome and steel suspension wire. Gear Philips included.

NECKAR suspension HIT-T 70 W

Suspension HIT-T G12 max. 100 W avec cloche en aluminium et câble en acier. Ballast Philips inclus.

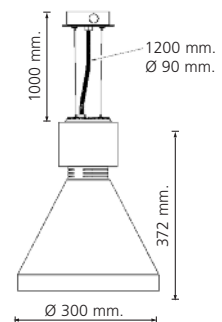
Información técnica | Technical information | Information technique



HIT-T *

Ref.		W	Lm		
04010201					
04010202	1 x G12	70	6600	PHILIPS**	112
04010203					

Peso | Weight | Poids: 2,60 Kg.





NECKAR lámpara de suspensión HIT-T 150 W

Luminaria de suspensión para HIT-T G12 máx. 150 W, con campana en aluminio y cable de suspensión en acero. Incluye equipo Philips.

NECKAR suspended lamp HIT-T 150 W

Suspension luminaire for HIT-T G12 max. 150 W with aluminium dome and steel suspension wire. Gear Philips included.

NECKAR suspension HIT-T 150 W

Suspension HIT-T G12 max. 150 W avec cloche en aluminium et câble en acier. Ballast Philips inclus.

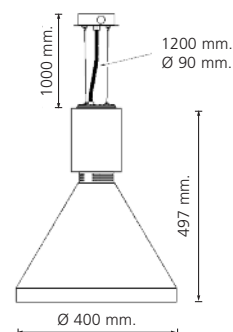
Información técnica | Technical information | Information technique



HIT-T *

Ref.		W	Lm		
04010301	○				
04010302	●	1 x G12	150	6600	PHILIPS**
04010303	●				113

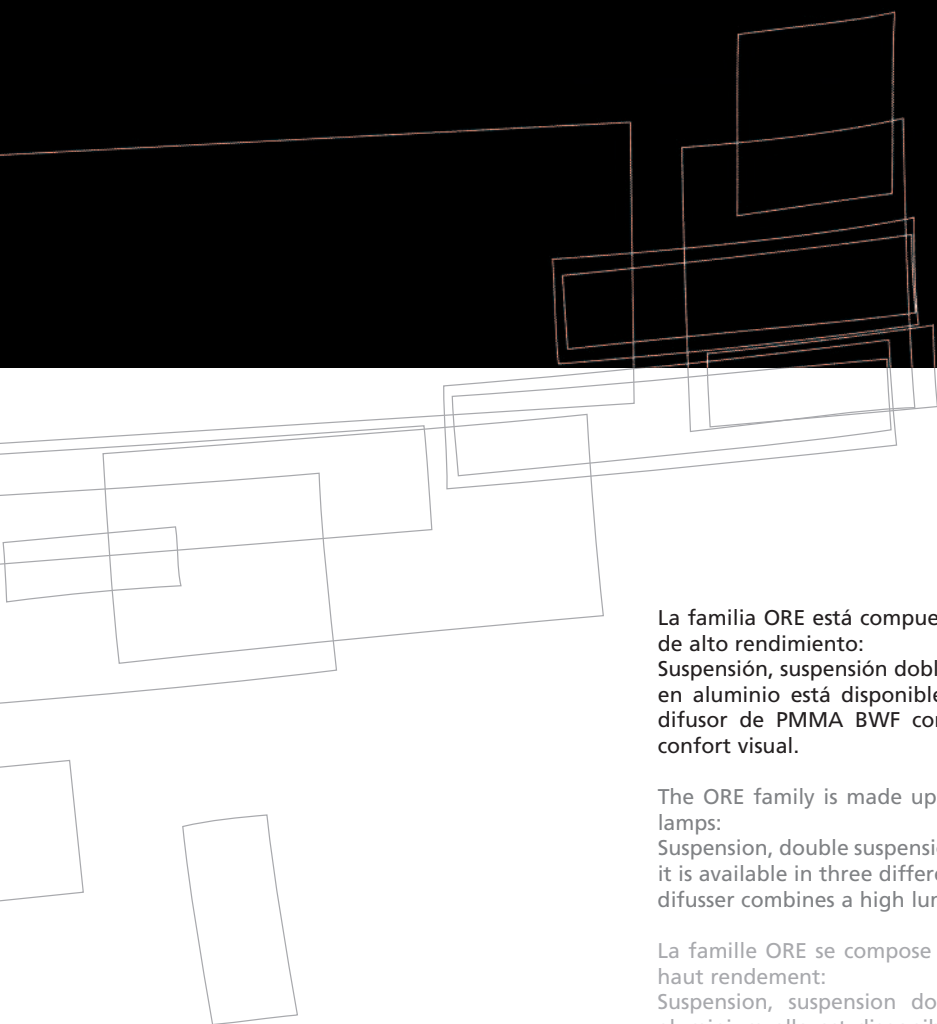
Peso | Weight | Poids: 2,65 Kg.



* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus





ORE

La familia ORE está compuesta por varios modelos de luminarias para lámparas T5 de alto rendimiento:

Suspensión, suspensión doble, empotrable, superficie y aplique de pared. Fabricado en aluminio está disponible en tres acabados diferentes: blanco, gris y negro. El difusor de PMMA BWF combina una alta eficiencia lumínica con un excelente confort visual.

The ORE family is made up with several models of luminaries for heavy duty T5 lamps:

Suspension, double suspension, recessed, surface and wall light. Made in aluminium, it is available in three different finish: white, black and grey. The PMMA BWF of the diffuser combines a high luminic efficiency with an excellent visual comfort.

La famille ORE se compose de plusieurs modèles de luminaires pour ampoules T5 haut rendement:

Suspension, suspension double, encastrable, saillie et applique. Fabriquée en aluminium elle est disponible en trois finitions différentes: blanc, gris et noir. Le polycarbonate PMMA BWF du diffuseur combine une haute efficacité lumineuse à un excellent confort visuel.





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	Regul. Dimm. Dimm. 1-10V			04020703					
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				04020403					
NEW	1 x T5			04020601			225		
	54 W			04020602					
	Regul. Dimm. Dimm. DALI			04020603					
NEW	1 x T5			04020501			225		
	54 W			04020502					
	Regul. Dimm. Dimm. 1-10V			04020503					
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				04020303					
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Detalles Overview Détails

Fácil instalación

Suspensión en cable de acero con prisionero regulable sin herramientas para facilitar la instalación.

Easy installation

Steel wire suspension with a threaded rod adjustable without tools to facilitate the installation.

Installation facile

Suspension avec câble en acier avec écrou prisonnier réglable sans outils pour faciliter l'installation.



Funcionalidad de instalación

El difusor es de PMMA BWF de alta calidad con un sistema de fácil anclaje para simplificar la reposición de las lámparas, además de permitir, a través de una plataforma extraíble, el fácil acceso a los equipos eléctricos.



Installation functionality

The difusser is made of high resistance PMMA polycarbonate with an easy anchoring system in order to simplify the substitution of the lamps, besides allowing, by means of a removable platform, an easy access to the electrical equipments.



Fonctionnalité d'installation

Le diffuseur est en polycarbonate PMMA haute qualité avec un système de fixation facile pour simplifier le remplacement des ampoules, tout en permettant, par le biais d'une plateforme extractible, un accès facile aux ballasts électriques.



Fácil construcción de líneas de iluminación

La pieza de unión permite la instalación de grupos de luminarias con una sola conexión eléctrica.

Easy building of lighting lines

Thanks to its joining part, it allows for the installation of groups of luminaries with a single electrical connection.

Construction facile de lignes d'éclairage

La pièce de jointure permet l'installation de groupes de luminaires avec une seule connexion électrique.



ORE luminaria multifunción para T5

Luminaria multifunción en aluminio con difusor de PMMA BWF para lámparas fluorescentes T5 de 54 W que permite dos funcionalidades según las necesidades: luminaria de suspensión o luminaria de superficie. Incluye equipo electrónico.

ORE multi-function luminaire for T5

Aluminium multi-function luminaire with PMMA BWF difusser for T5 fluorescent lamps of 54 W that allows for two functionalities according to the needs: suspension or surface luminaire.

ORE luminaire multifonction pour T5

Luminaire multifonction en aluminium avec diffuseur de PMMA BWF pour ampoules fluorescentes T5 de 54 W qui permet deux fonctionnalités selon les besoins: suspension ou luminaire en saillie.

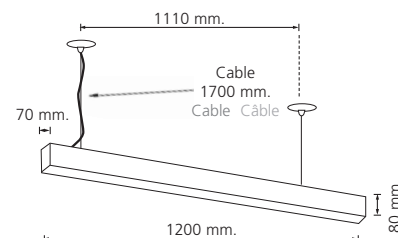
Información técnica | Technical information | Information technique



T5 *

Ref.		W	Lm		
04020201	○	1 x G5	54	4450	**
04020202	●				
04020203	●				

Peso | Weight | Poids: 2,28 Kg.



REGULABLE DIMMABLE DIMMABLE DALI

NEW

04020801		1 x G5	54	4450	PHILIPS**	114
04020802						
04020803						

Peso | Weight | Poids: 2,28 Kg.

REGULABLE DIMMABLE DIMMABLE 1-10V

NEW

04020701		1 x G5	54	4450	TRIDONIC**	114
04020702						
04020703						

Peso | Weight | Poids: 2,28 Kg.



Pieza de unión
Joint

Pièce de jointure

- 04029901 ○
- 04029902 ●
- 04029903 ●

En cada unión se necesitan dos piezas
At each joint requires two pieces
Chaque union exige deux pièces



Kit de instalación en superficie incluido
Surface installation kit included
Kit d'installation en saillie inclus

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus



ORE luminaria empotrable para T5

Luminaria empotrable en aluminio con difusor de PMMA BWF para lámpara T5 de 54 W. Incluye equipo electrónico.

ORE downlight for T5

Aluminium recessed luminaire with PMMA BWF difusser for T5 fluorescent lamps of 54 W. Ballast included.

ORE luminaire encastrable pour T5

Luminaire encastrable en aluminium avec diffuseur de PMMA BWF pour ampoules fluorescentes T5 de 54 W. Ballast électronique inclus.



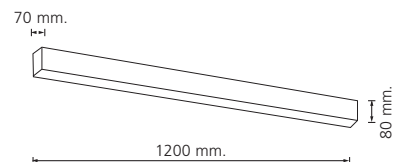
Información técnica | Technical information | Information technique



T5 *

Ref.		W	Lm		
04020101	○				
04020102	●	1 x G5	54	4450	** 115
04020103	●				

Peso | Weight | Poids: 2,11 Kg.





ORE luminaria aplique para T5

Luminaria aplique en aluminio con difusor de BWF para lámpara T5 de 54 W. Incluye equipo electrónico.

ORE wall lamp for T5

Aluminium wall lamp with BWF difusser for T5 fluorescent lamp. Electronic gear included.

ORE applique pour T5

Applique en aluminium avec difusor de BWF pour ampoule T5 de 54 W. Ballast électronique inclus.

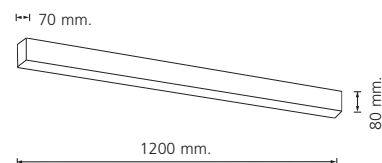
Información técnica | Technical information | Information technique



T5 *

Ref.		W	Lm		
04020401	○				
04020402	●	1 x G5	54	4450	** 116
04020403	●				

Peso | Weight | Poids: 2,11 Kg.



REGULABLE DIMMABLE DIMMABLE DALI

NEW

04020601					
04020602	1 x G5	54	4450	PHILIPS**	116
04020603					

Peso | Weight | Poids: 2,11 Kg.

REGULABLE DIMMABLE DIMMABLE 1-10V

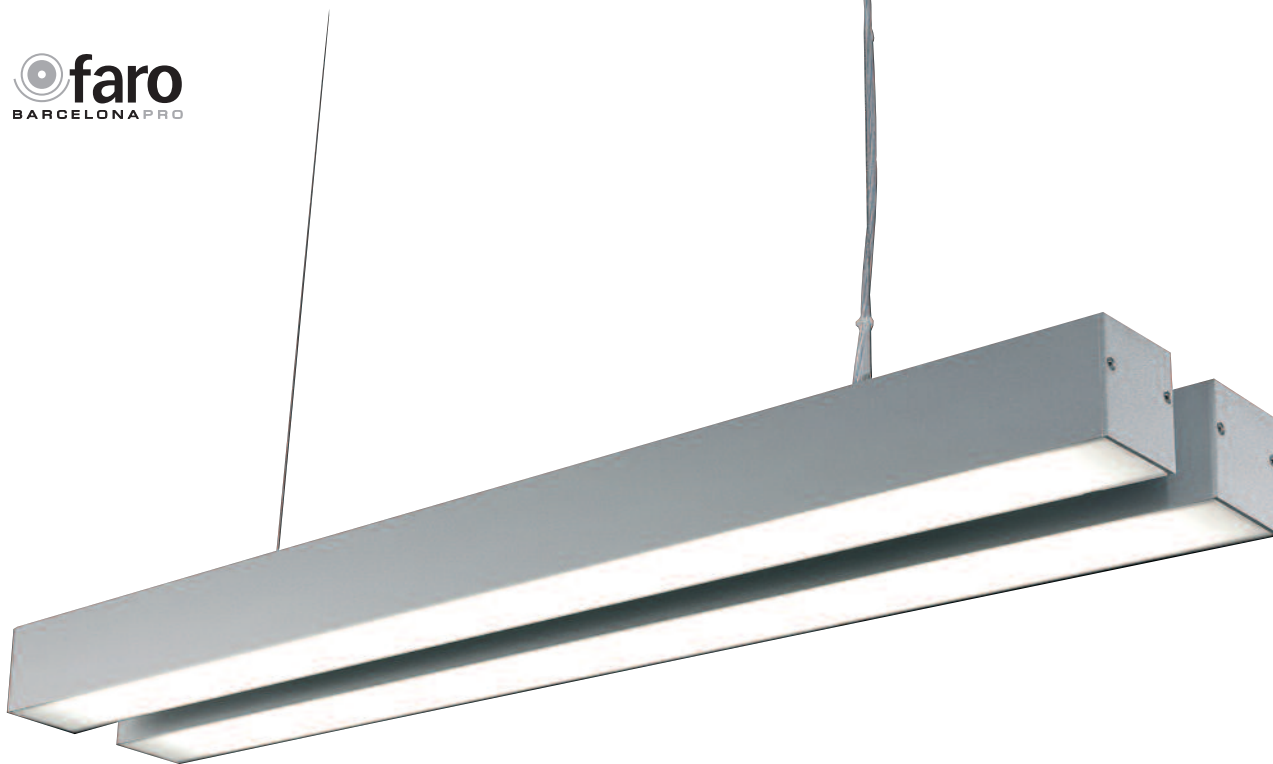
NEW

04020501					
04020502	1 x G5	54	4450	TRIDONIC**	116
04020503					

Peso | Weight | Poids: 2,11 Kg.

* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus



ORE luminaria de suspensión doble para T5

Luminaria de suspensión en aluminio con difusor de BWF para 2 lámparas T5 de 54 W. Incluye equipo electrónico.

ORE double suspended luminaire for T5

Suspended luminaire with BWF aluminum for 2 x 54W T5 bulbs. Electronic gear included

ORE suspension double pour T5

Suspension en aluminium ave difuseur BWF pour 2 ampoules T5 de 54 W. Ballast électronique inclus.

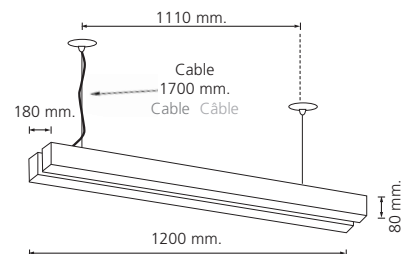
Información técnica | Technical information | Information technique



T5 *

Ref.		W	Lm		
04020301					
04020302		2 x G5	54	8900	**
04020303					117

Peso | Weight | Poids: 2,87 Kg.



Pieza de unión Joint Pièce de jointure

- 04029901
- 04029902
- 04029903

En cada unión se necesitan dos piezas
At each joint requires two pieces
Chaque union exige deux pièces



ORE accesorio opcional antideslumbrante

Accesorio de lamas de aluminio para mejorar el confort visual..

ORE optional anti-glare accessory

Aluminium-plate accessory for improving visual comfort.

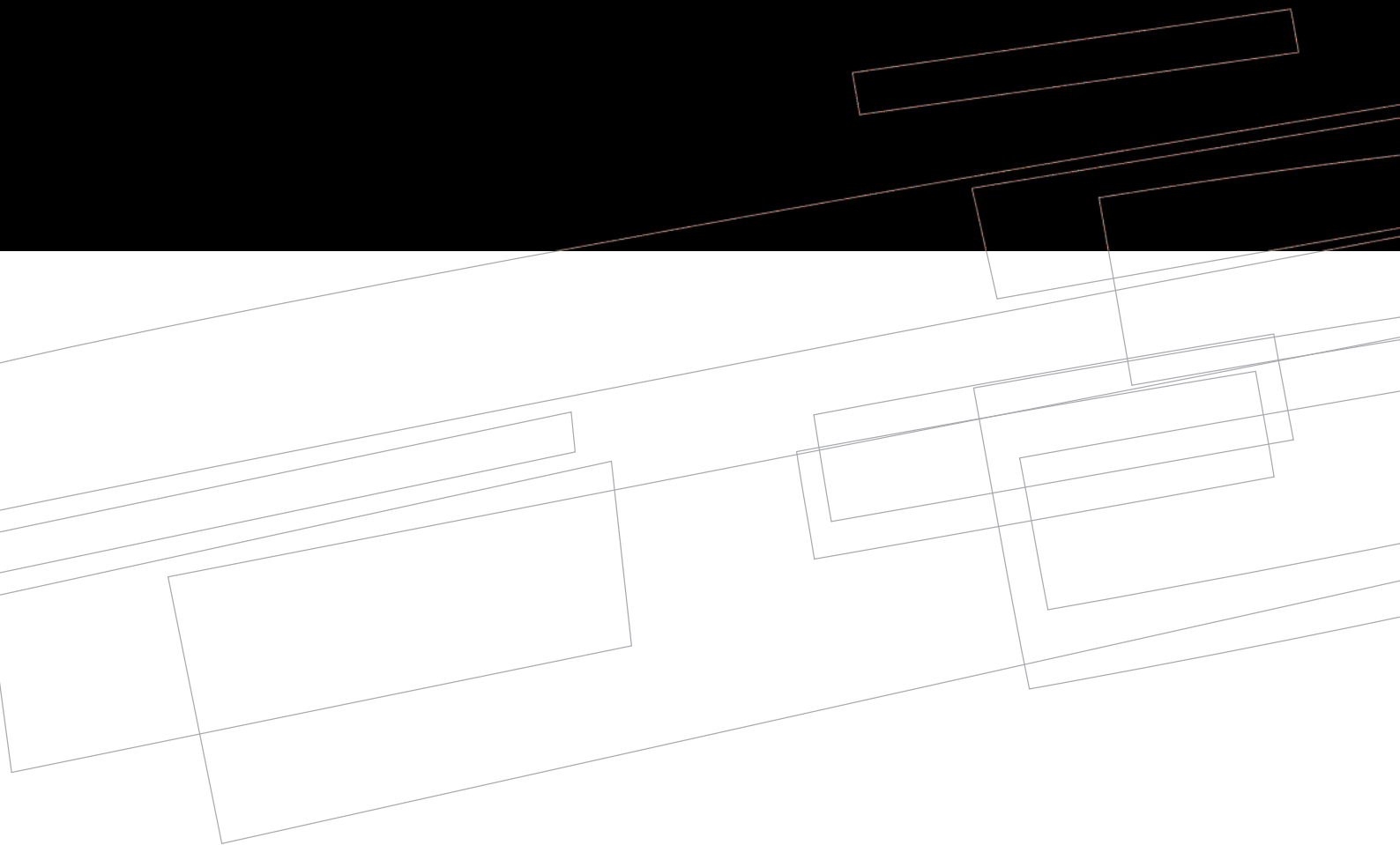
ORE accessoire en option: anti-éblouissement

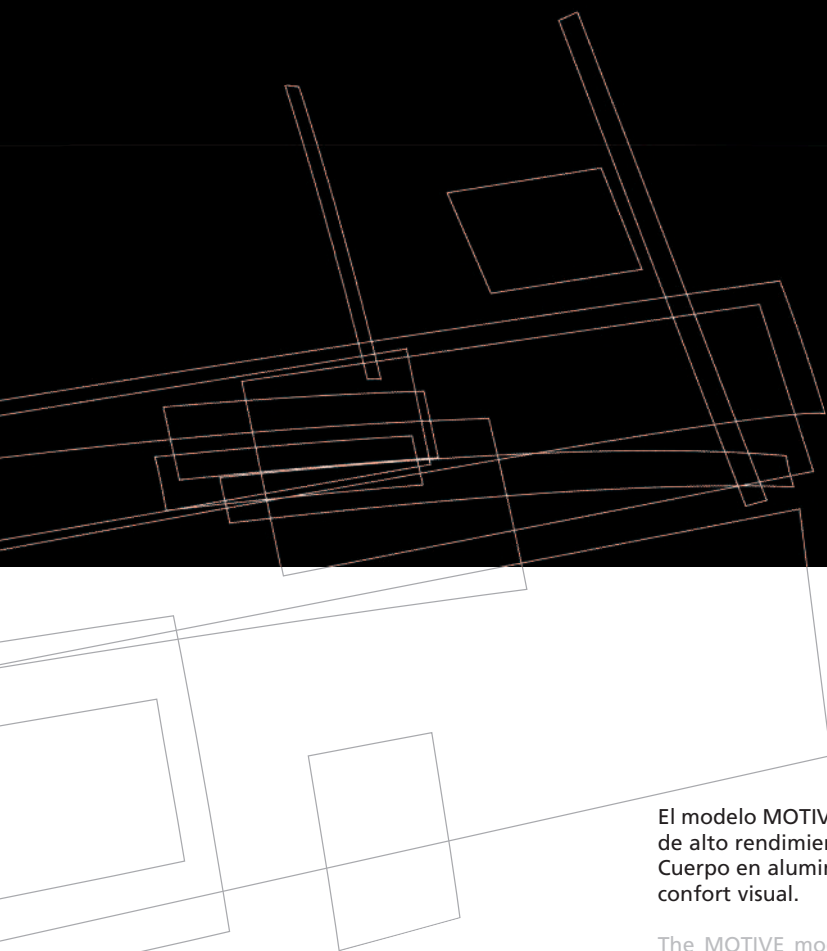
Lames en aluminium pour améliorer le confort visuel.



Ref. 04029904 **NEW**

Ref.	
04029904	118





MOTIVE

El modelo MOTIVE es una luminaria de suspensión de luz indirecta para lámparas T5 de alto rendimiento.
Cuerpo en aluminio gris pintura y difusor en PMMA BWF para conseguir un óptimo confort visual.

The MOTIVE model is a suspension luminaire of indirect light for heavy duty T5 lamps.
The body is made of aluminium, painted grey in PMMA BWF polycarbonate in order to achieve a perfect visual comfort.

Le modèle MOTIVE est une suspension de lumière indirecte pour ampoules T5 à haut rendement.
Corps en aluminium gris peinture et diffuseur en polycarbonate PMMA BWF pour obtenir un confort visuel optimal.

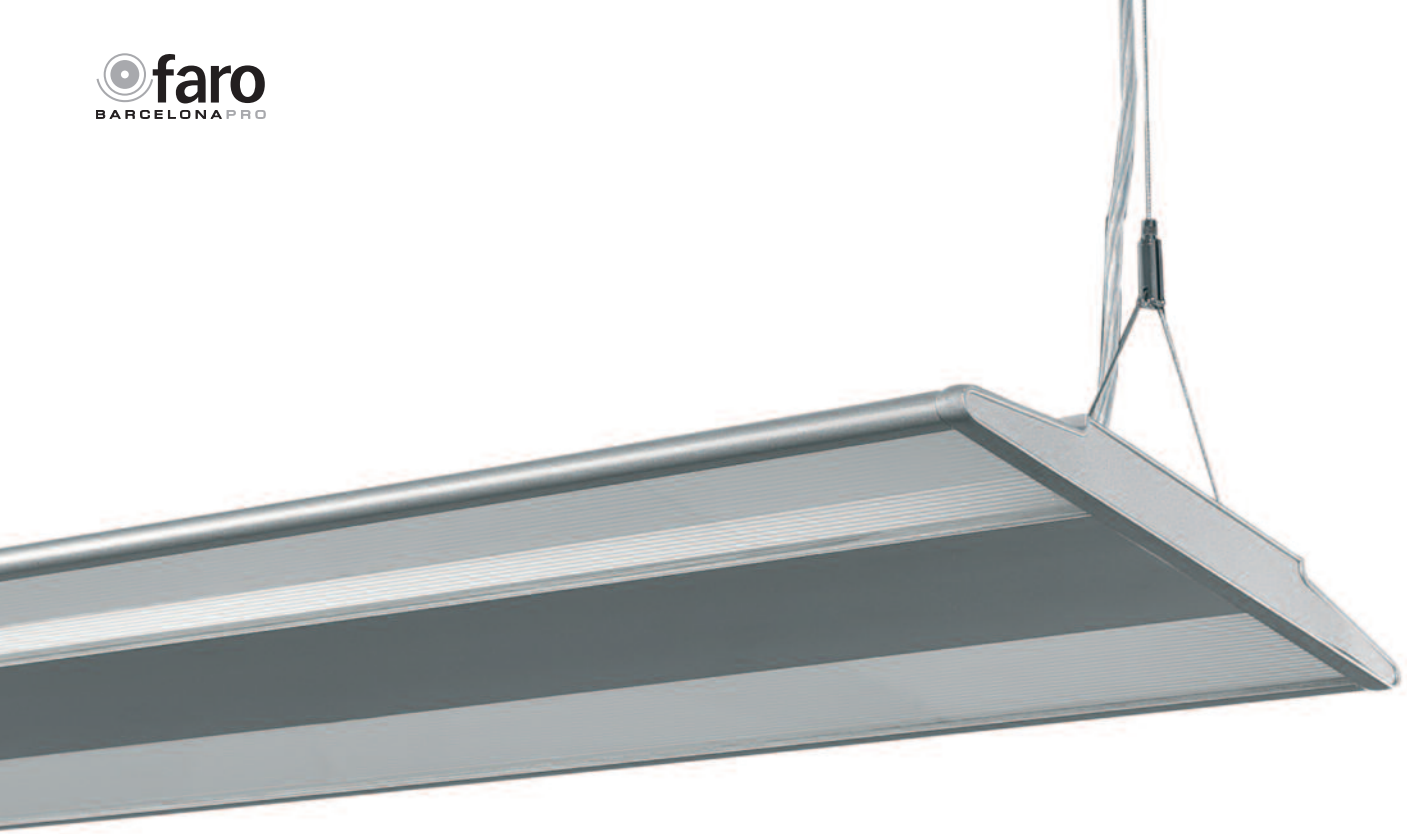




Superficie / Suspensión
Surface / Suspended lighting
Apparents / Suspension

Indice Index Index

Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
2 x T5 54 W	04030103	233



Detalles Overview Détails



Fácil instalación

Suspensión en cable de acero con prisionero regulable sin herramientas para facilitar la instalación.

Easy installation

The suspension is made of steel wire with a threaded rod adjustable without tools in order to facilitate its installation.

Installation facile

Suspension avec câble en acier avec écrou prisonnier réglable sans outils pour faciliter l'installation.

Difusor resistente

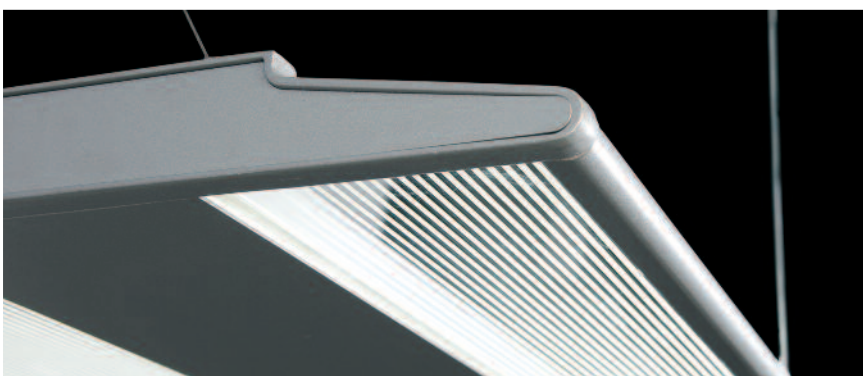
El difusor es de PMMA BWF serigrafiado de alta calidad para evitar deslumbramientos y conseguir un óptimo confort visual.

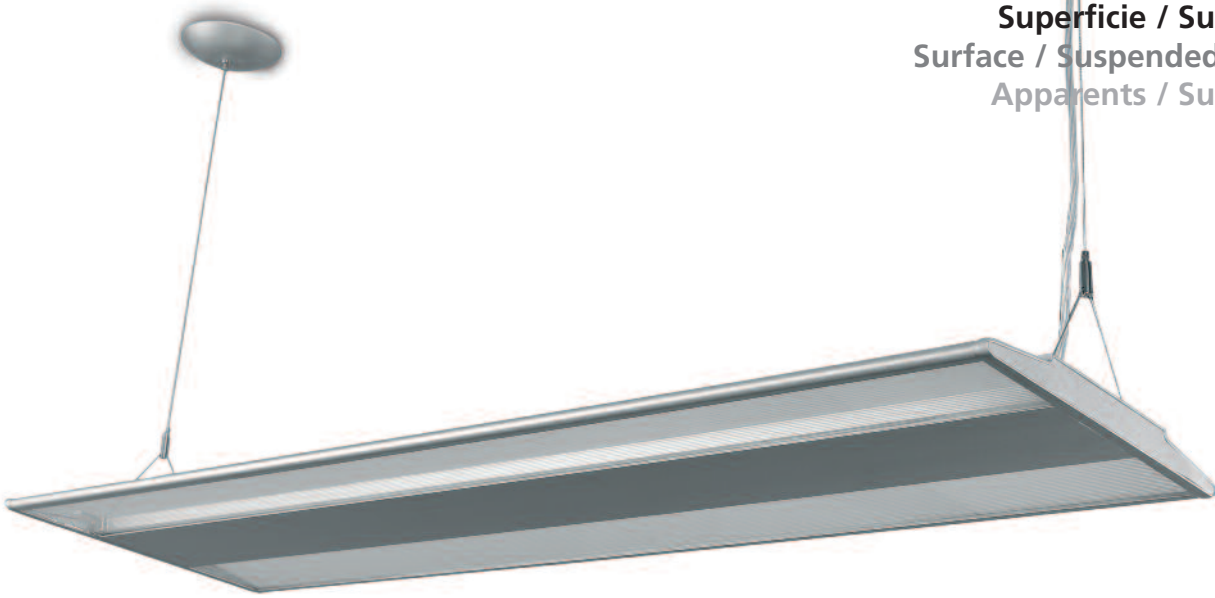
Ressistant difusser

The difusser is made of high quality serigraphic PMMA BWF polycarbonate in order to avoid dazzling and achieve a perfect visual comfort.

Difusueur résistant

Le diffuseur est en polycarbonate PMMA BWF sérigraphié haute qualité pour éviter les éblouissements et obtenir un confort visuel optimal.





MOTIVE luminaria de suspensión para T5

Luminaria de suspensión en aluminio para dos lámparas fluorescentes T5 de 54 W.

MOTIVE suspended luminaire for T5

Aluminium suspended luminaire for two 54 W fluorescent lamp T5.

MOTIVE suspension pour T5

Suspension en aluminium pour deux ampoules fluorescentes T5 de 54 W.

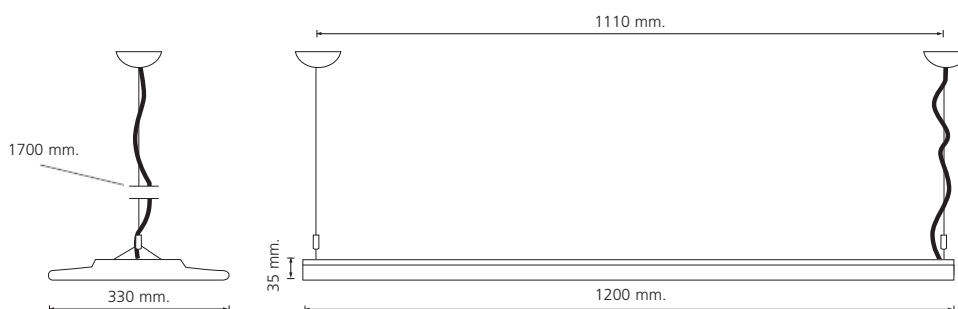
Información técnica | Technical information | Information technique



T5 *

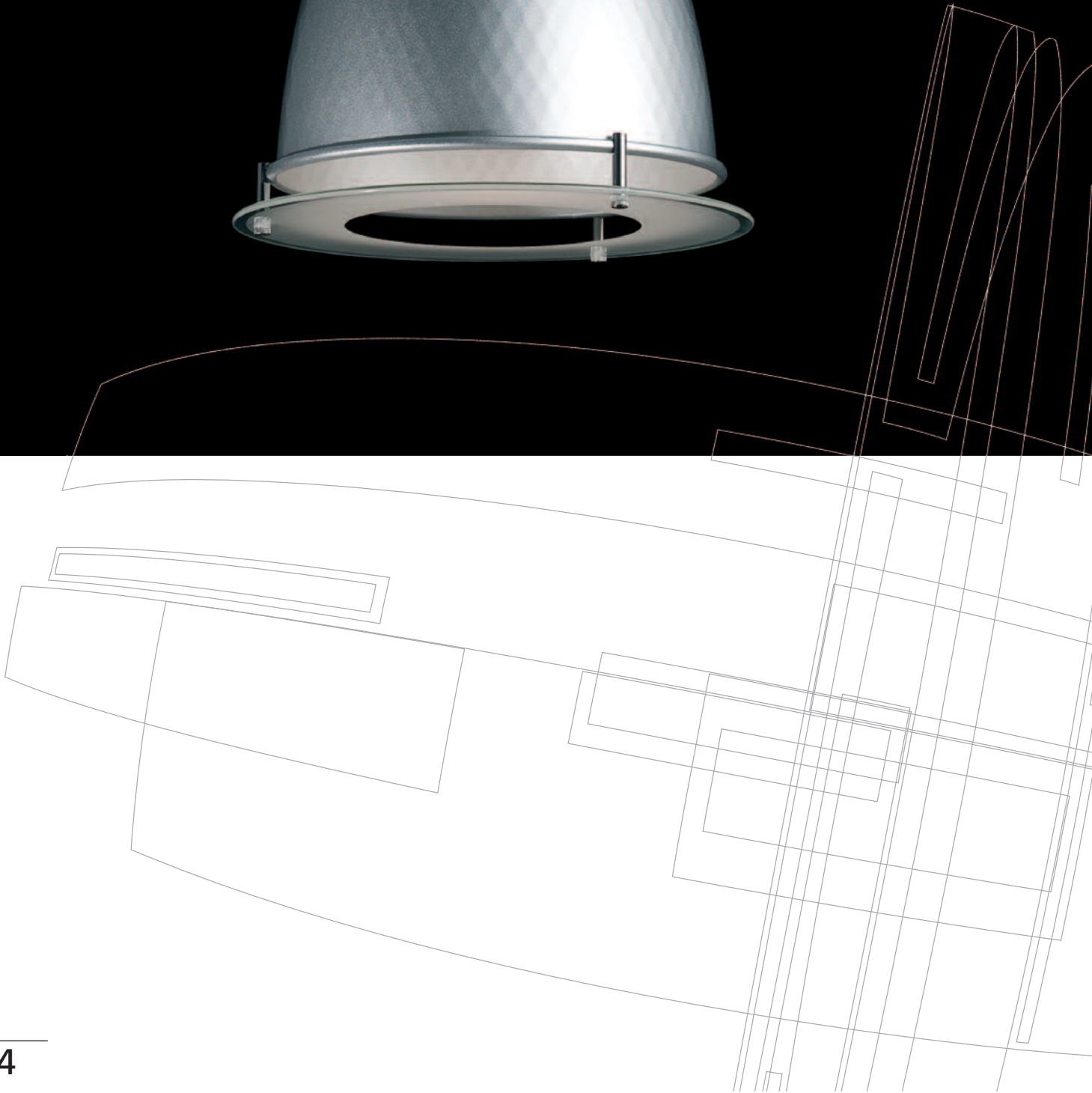
Ref.		W		
04030103	2 x G5	54	**	119

Peso | Weight | Poids: 5,70 Kg.



* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus





NITRO ÓLEO

Los modelos NITRO y ÓLEO son dos luminarias de suspensión para lámparas standard E27. La luminaria NITRO está fabricada en aluminio y cristal satinado e incorpora un aro de cristal semitransparente decorativo. La luminaria ÓLEO está fabricada en aluminio e incorpora una tapa de cristal para proteger la lámpara.

The NITRO and ÓLEO models are two suspension luminaries for standard E27 lamps. The NITRO luminaire is made in aluminium and satin crystal and features a decorative semi-transparent crystal ring. The ÓLEO luminaire is made in aluminium and features a crystal cover to protect the lamp.

Les modèles NITRO et ÓLEO sont deux suspensions pour ampoules standard E27. Le luminaire NITRO est fabriqué en aluminium et verre satiné et incorpore un anneau en verre semi-transparent décoratif. Le luminaire ÓLEO est fabriqué en aluminium et incorpore un couvercle en verre pour protéger la ampoule.





Indice Index Index

NITRO

Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
1 x E27 60 W	64125	239

ÓLEO

Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
1 x E27 100 W	64129	240



Detalles Overview Détails

Disipador de calor

Incorpora disipador de calor para facilitar la circulación del aire y aumentar la vida útil de la lámpara.

Heat dissipator

It features a cooler to facilitate the air flow and enhance the use life of the lamp.

Dissipateur de chaleur

La suspension incorpore un dissipateur de chaleur pour faciliter la circulation de l'air et ainsi allonger la durée de vie de l'ampoule.



NITRO

Fácil accesibilidad

Las pinzas de aluminio que sujetan el cristal difusor garantizan un acceso fácil y cómodo para reponer la lámpara.

Easy to access

The aluminium grips that fasten the diffuser glass guarantee an easy and comfortable access to substitute the lamp.

Facile accès

Les pinces en aluminium qui retiennent le verre diffuseur garantissent un accès facile et aisé pour remplacer la



OLEO



NITRO-1 lámpara de suspensión E27

Luminaria de suspensión en aluminio con difusor de cristal para E27 estándar máx. 60 W fluorescente compacta.

NITRO-1 suspended lamp for E27

Aluminium suspension luminaire with glass difusser for standard E27 max. 60 W, compact fluorescent.

NITRO-1 suspension E27

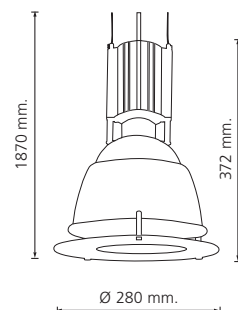
Suspension en aluminium avec diffuseur en verre pour E27 standard max. 60 W fluorescent compact.

Información técnica | Technical information | Information technique



Ref.		W	Lm	
64125	1 x E27	60	4000	120

Peso | Weight | Poids: 3,00 Kg.



* Lámpara no incluida Bulb not included Ampoule non inclus



OLEO lámpara de suspensión E27

Luminaria de suspensión en aluminio con difusor de cristal para E27 estándar de máx. 100 W fluorescente compacta.

OLEO suspended lamp for E27

Aluminium suspension luminaire with glass difusser for standard E27 max. 100 W, fluorescent and compact.

OLEO suspension E27

Suspension en aluminium avec diffuseur en verre pour E27 standard max. 100 W fluorescent compact.

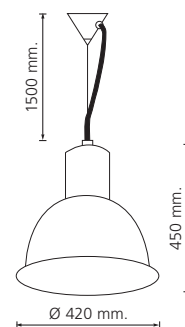
Información técnica | Technical information | Information technique



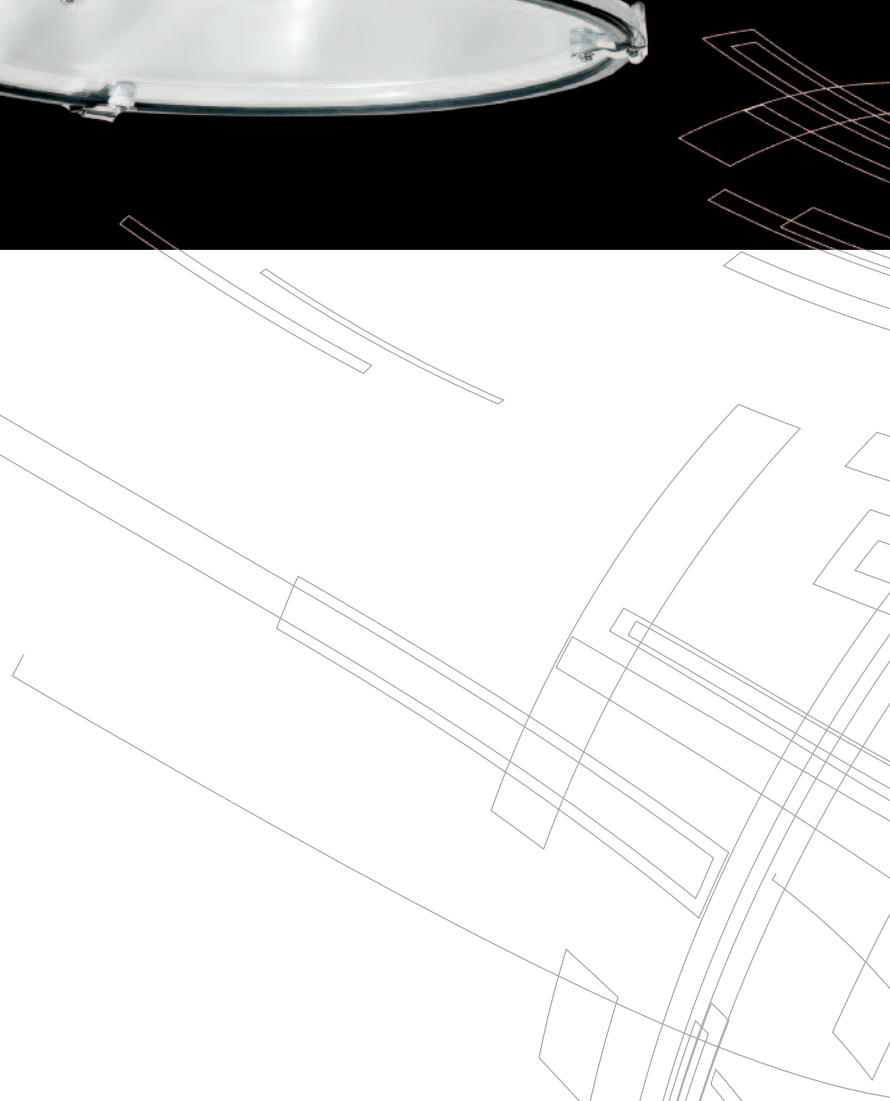
 **E27 ***

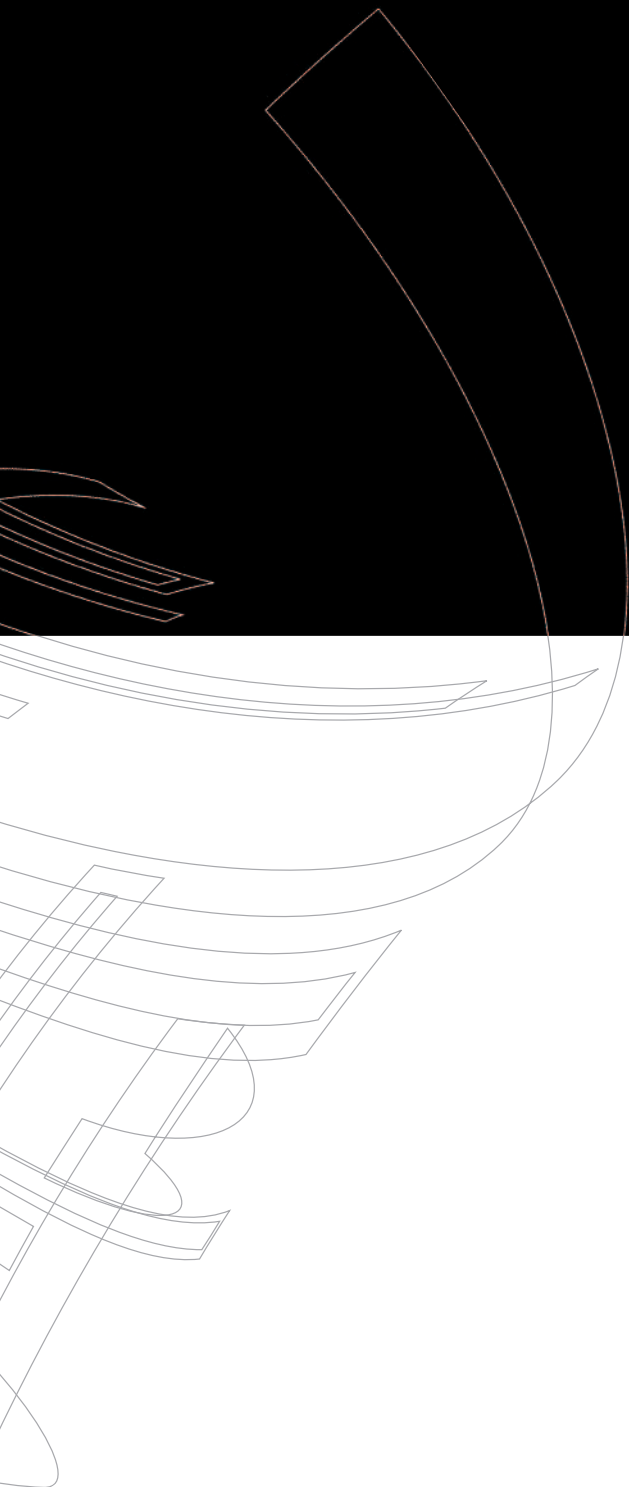
Ref.		W	
64129	1 x E27	Max. 100	121

Peso | Weight | Poids: 4,35 Kg.









TIMBAL

El modelo TIMBAL es una luminaria de suspensión fabricada íntegramente en aluminio para lámpara de descarga de alta intensidad.
El difusor de cristal queda sujeto al cuerpo a través de una cadena de seguridad para facilitar la reposición de la lámpara.

The TIMBAL model is a suspension luminaire made integrally of aluminium for high intensity.
The glass difusser is fastened to the body by means of a safety chain in order to facilitate the substitution of the lamp.

Le modèle TIMBAL est une luminaire à suspension intégralement fabriquée en aluminium pour ampoule à décharge haute intensité.
Le diffuseur en verre est fixé au corps par le biais d'une chaîne de sécurité afin de faciliter le remplacement de l'ampoule.





Superficie / Suspensión
Surface / Suspended lighting
Appareils / Suspension

Indice Index Index

Lámpara Bulb Ampoule	Ref. Ref. Réf.	Página Page Page
1 x E40 400 W	64120	247



Detalles Overview Détails

Disipador de calor

El disipador de calor de aluminio inyectado permite mantener una temperatura de funcionamiento óptima garantizando la máxima vida útil de la lámpara. Además, el cuerpo aloja el transformador magnético incluido en su interior.

Heat dissipator

The die cast aluminium dissipator allows to keep an optimum working temperature guaranteeing thus the maximum use life of the lamp. Furthermore, the body houses the magnetic transformer included inside.

Dissipateur de chaleur

Le dissipateur de chaleur en aluminium injecté permet de maintenir une température de fonctionnement optimale garantissant la durée de vie maximum de l'ampoule. De plus, le corps loge le transformateur magnétique inclus à l'intérieur.



Difusor

El cristal difusor de seguridad queda sujeto al cuerpo de la luminaria mediante una cadena metálica para facilitar la reposición de las lámparas.

Diffusser

The safety diffuser glass is fastened to the the body of the luminaire by means of a metallic chain to facilitate the substitution of the lamps.

Diffuseur

Le verre diffuseur de sécurité reste fixé au corps du luminaire au moyen d'une chaîne métallique pour faciliter le remplacement des ampoules.





TIMBAL lámpara de suspensión E40

Luminaria de suspensión para lámpara de descarga de alta intensidad E40 de 400 W fabricada íntegramente en aluminio acabada en gris plata.

TIMBAL suspended lamp for E40

Suspension luminaire for E40 high intensity discharge lamp of 400 W dame completely in aluminium and a grey silver finish.

TIMBAL suspension E40

Suspension pour ampoule à décharge haute intensité E40 de 400 W intégralement fabriqué en aluminium fini en gris argent.

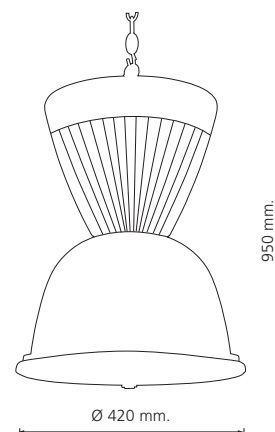
Información técnica | Technical information | Information technique



 **E40 ***

Ref.		W	Lm		
64120		400	44000	**	122

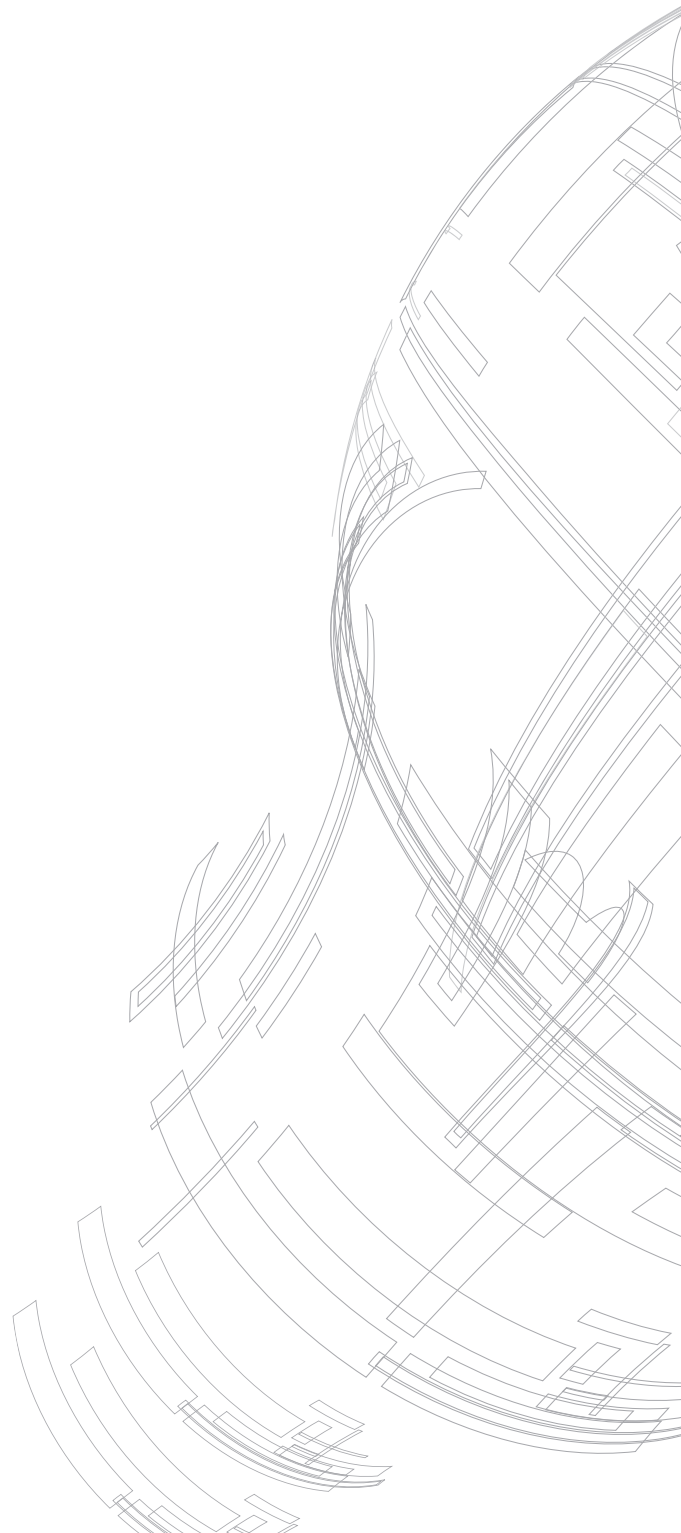
Peso | Weight | Poids: 13,00 Kg.

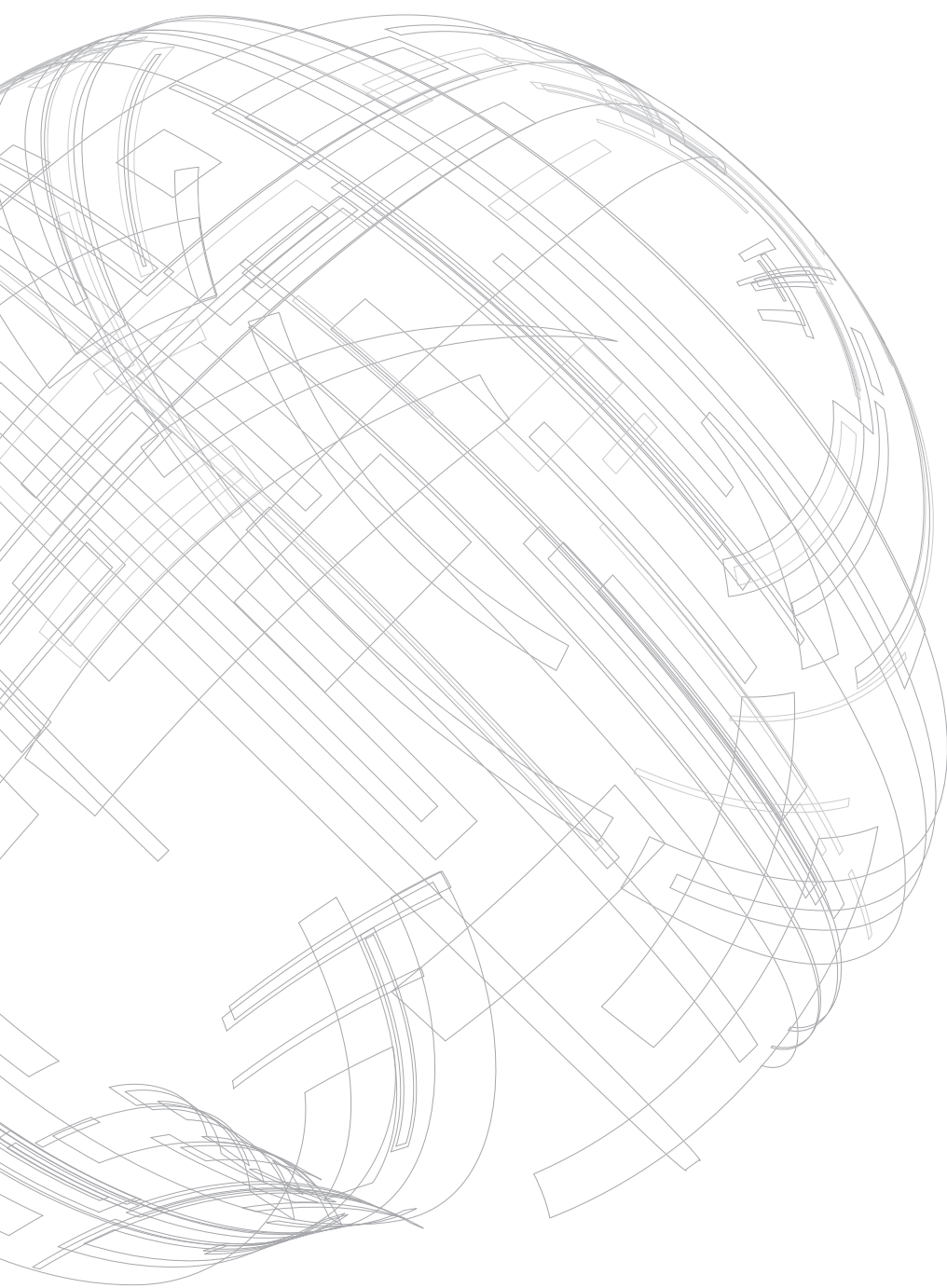


* Lámpara no incluida (Ver pág. 249) Bulb not included (See page 249) Ampoule non inclus (Voir page 249)

** Equipo incluido Gear included Transfo inclus

4

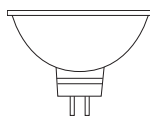






lámparas **bulbs** **ampolules**

Lámparas 250
Bulbs
Ampoules

Halógenas Halogen Halogènes





Lámpara halógena con reflector dicróico QR-CB51 Philips
Halogen lamp with QR-CB51 dichroic reflector - Philips
Lampe halogène avec réflecteur dicroïque QR-CB51 Philips

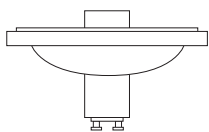
Ref.	Modelo/Model/Modèle		V	W	$\triangle x^\circ$	Lm	K	CRI	H	
97100020	MASTERLine ES QR-CB51	GU5.3	12	20	36	340	3000	100	5000	123
97100030	MASTERLine ES QR-CB51	GU5.3	12	30	8	565	3000	100	5000	124
97101030	MASTERLine ES QR-CB51	GU5.3	12	30	36	610	3000	100	5000	125
97102030	MASTERLine ES QR-CB51	GU5.3	12	30	60	630	3000	100	5000	126
97100045	MASTERLine ES QR-CB51	GU5.3	12	45	8	1030	3000	100	5000	127
97101045	MASTERLine ES QR-CB51	GU5.3	12	45	36	1060	3000	100	5000	128
97102045	MASTERLine ES QR-CB51	GU5.3	12	45	60	1080	3000	100	5000	129
97101020	ACCENTLine QR-CB51	GU5.3	12	20	36	288	3000	100	3000	--
97100035	ACCENTLine QR-CB51	GU5.3	12	35	36	417	3000	100	3000	--
97100050	ACCENTLine QR-CB51	GU5.3	12	50	10	545	3000	100	3000	--
97101050	ACCENTLine QR-CB51	GU5.3	12	50	36	586	3000	100	3000	--
97102050	ACCENTLine QR-CB51	GU5.3	12	50	60	555	3000	100	3000	--




Lámpara halógena con reflector metálico QR-111 Philips
Halogen lamp with QR-111 metallic reflector - Philips
Ampoule halogène avec réflecteur métallique QR-111 Philips

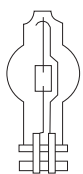
Ref.	Modelo/Model/Modèle		V	W	$\triangle x^\circ$	Lm	K	CRI	H	
97110030	MASTERLine 111 QR-111	G53	12	30	8	510	3000	100	4000	138
97111030	MASTERLine 111 QR-111	G53	12	30	24	540	3000	100	4000	139
97110045	MASTERLine 111 QR-111	G53	12	45	8	850	3000	100	4000	140
97111045	MASTERLine 111 QR-111	G53	12	45	24	840	3000	100	4000	141
97112045	MASTERLine 111 QR-111	G53	12	45	45	840	3000	100	4000	142
97110060	MASTERLine 111 QR-111	G53	12	60	8	1400	3000	100	4000	143
97111060	MASTERLine 111 QR-111	G53	12	60	24	1420	3000	100	3000	144
97112060	MASTERLine 111 QR-111	G53	12	60	45	1190	3000	100	3000	145
97110050	ALULine QR-111	G53	12	50	8	510	3000	100	4000	130
97111050	ALULine QR-111	G53	12	50	24	540	3000	100	4000	131
97110075	ALULine QR-111	G53	12	75	8	850	3000	100	3000	132
97111075	ALULine QR-111	G53	12	75	24	840	3000	100	3000	133
97112075	ALULine QR-111	G53	12	75	45	840	3000	100	3000	134
97110100	ALULine QR-111	G53	12	100	8	1400	3000	100	3000	135
97111100	ALULine QR-111	G53	12	100	24	1420	3000	100	3000	136
97112100	ALULine QR-111	G53	12	100	45	1190	3000	100	3000	137

Descarga Discharge Décharge



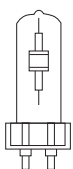
Halogenuro metálico con reflector de aluminio CDM-R111 Philips
Metal halide with aluminum reflector CDM-R111 Philips
Iodure métallique avec réflecteur en aluminium CDM-R111 Philips

Ref.	Modelo/Model/Modèle	≡	W	△x°	Lm	K	CRI	H	
97311020	MASTERC CDM-R111	GX8.5	20	10	750	3000	>80	9000	146
97312020	MASTERC CDM-R111	GX8.5	20	24	500	3000	>80	9000	147
NEW 97311035	MASTERC CDM-R111	GX8.5	35	10	1100	3000	>80	9000	--
97312035	MASTERC CDM-R111	GX8.5	35	24	1350	3000	>80	11000	148
97313035	MASTERC CDM-R111	GX8.5	35	40	1350	3000	>80	11000	149
NEW 97315035	MASTERC CDM-R111	GX8,5	35	10	1100	4200	>90	11000	153
NEW 97316035	MASTERC CDM-R111	GX8,5	35	24	1350	4200	>90	11000	153
NEW 97317035	MASTERC CDM-R111	GX8,5	35	40	1350	4200	>90	11000	154
NEW 97314070	MASTERC CDM-R111	GX8,5	70	10	2500	3000	>80	9000	152
97312070	MASTERC CDM-R111	GX8.5	70	24	2500	3000	>80	9000	150
97313070	MASTERC CDM-R111	GX8.5	70	40	2850	3000	>80	9000	151
NEW 97318070	MASTERC CDM-R111	GX8.5	70	10	2500	4200	>90	9000	155
NEW 97319070	MASTERC CDM-R111	GX8.5	70	24	2850	4200	>90	9000	156
NEW 97320070	MASTERC CDM-R111	GX8.5	70	40	2850	4200	>90	9000	157



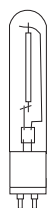
Halogenuro metálicos de un terminal CDM-Tm Philips
Metallic halide single ended CDM-Tm Philips
Iodure métallique d'un terminal CDM-Tm Philips

Ref.	Modelo/Model/Modèle	≡	W	Lm	K	CRI	H
97301020	MASTERC CDM-T MINI	PGJ5	20	1650	3000	>80	12000
97301035	MASTERC CDM-T MINI	PGJ5	35	3000	3000	>80	9000



Halogenuro metálicos de un terminal HIT-T Philips
Metallic halide single ended HIT-T Philips
Iodure métallique d'un terminal HIT-T Philips

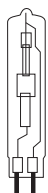
Ref.	Modelo/Model/Modèle	≡	W	Lm	K	CRI	H
97331035	MASTERC CDM-T	G12	35	3300	4200	>90	6000
97331070	MASTERC CDM-T	G12	70	6600	4200	>90	12000
NEW 97332100	MASTERC CDM-T ELITE	G12	100	11000	3000	>90	15000
NEW 97332150	MASTER CDM-T	G12	150	14000	3000	>80	12000
97331150	MASTERC CDM-T	G12	150	12700	4200	>90	12000
NEW 97332035	MASTERC CDM-T	G12	35	3300	3000	>80	12000
NEW 97332070	MASTERC CDM-T	G12	70	6600	3000	>80	12000



Lámpara de vapor de sodio MINISODIO BLANCO Philips
MINISODIO BLANCO Philips sodium vapor lamp
Lampe à vapeur de sodium MINISODIO BLANCO Philips

Ref.	Modelo/Model/Modèle	≡	W	Lm	K	CRI	H
NEW 97341050	MASTER SDW-TG 50W	GX12-1	50	2400	2550	>80	15000
NEW 97341100	MASTER SDW-TG 100W	GX12-1	100	4900	2550	>80	15000


Descarga Discharge Décharge

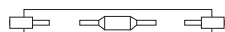


Halogenuro metálicos de un terminal HIT-TC Philips

Metallic halide single ended HIT-TC Philips

Iodure métallique d'un terminal HIT-TC Philips


Ref.	Modelo/Model/Modèle		W	Lm	K	CRI	H
NEW 97331135	MASTERC CDM-TC	G8.5	35	3500	3000	>80	9000
97321035	MASTERC CDM-TC	G8.5	35	3300	4200	>90	6000
NEW 97331170	MASTERC CDM-TC	G8.5	70	3500	3000	>80	12000
97321070	MASTERC CDM-TC	G8.5	70	5900	4200	>90	6000



Halogenuro metálicos de dos terminales HIT-DE Philips

Metallic halide double ended HIT-DE Philips

Iodure métallique de deux terminals HIT-DE Philips


Ref.	Modelo/Model/Modèle		W	Lm	K	CRI	H
NEW 97342070	MHN-TD HIT-DE	Rx7s	70	6200	3000	>80	9000
97341070	MHN-TD HIT-DE	Rx7s	70	5700	4200	>80	10500
NEW 97342150	MHN-TD HIT-DE	Rx7s	150	13800	3000	>80	10500
97341150	MHN-TD HIT-DE	Rx7s	150	12900	4200	>80	10500



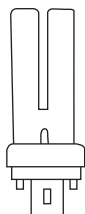
Halogenuro metálico E40 Philips

Metallic halide E40 Philips

Iodure métallique E40 Philips

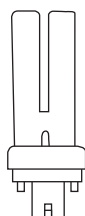
Ref.	Modelo/Model/Modèle		W	Lm	K	CRI	H
NEW 97342400	MASTERSON HDI PLUS	E40	400	37500	4000	70	20000

Fluorescencia Fluorescent Fluorescence



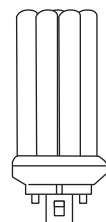
Lámpara fluorescente compacta TC-D Philips
Compact fluorescent lamp TC-D Philips
Lampe fluo compacte TC-D Philips

Ref.	Modelo/Model/Modèle	☰	W	Lm	K	CRI	H
97201018	MASTER PL-C TC-D	G24d-2	18	1200	3000	>80	10000
97202018	MASTER PL-C TC-D	G24d-2	18	1200	4000	>80	10000
97201026	MASTER PL-C TC-D	G24d-3	26	1800	3000	>80	10000
97202026	MASTER PL-C TC-D	G24d-3	26	1800	4000	>80	10000



Lámpara fluorescente compacta TC-DEL Philips
Compact fluorescent lamp TC-DEL Philips
Lampe fluo compacte TC-DEL Philips

Ref.	Modelo/Model/Modèle	☰	W	Lm	K	CRI	H
97211013	MASTER PL-C TC-DEL	G24q-1	13	900	3000	>80	13000
97212013	MASTER PL-C TC-DEL	G24q-1	13	900	4000	>80	13000
97211018	MASTER PL-C TC-DEL	G24q-2	18	1200	3000	>80	13000
97212018	MASTER PL-C TC-DEL	G24q-2	18	1200	4000	>80	13000
97211026	MASTER PL-C TC-DEL	G24q-3	26	1800	3000	>80	13000
97212026	MASTER PL-C TC-DEL	G24q-3	26	1800	4000	>80	13000



Lámpara fluorescente compacta TC-TEL Philips
Compact fluorescent lamp TC-TEL Philips
Lampe fluo compacte TC-TEL Philips

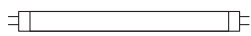
Ref.	Modelo/Model/Modèle	☰	W	Lm	K	CRI	H
97221026	MASTER PL-T TC-TEL	GX24q-3	26	1800	3000	>80	13000
97222026	MASTER PL-T TC-TEL	GX24q-3	26	1800	4000	>80	13000
97221032	MASTER PL-T TC-TEL	GX24q-3	32	2400	3000	>80	13000
97222032	MASTER PL-T TC-TEL	GX24q-3	32	2400	4000	>80	13000
97221042	MASTER PL-T TC-TEL	GX24q-4	42	3200	3000	>80	13000
97222042	MASTER PL-T TC-TEL	GX24q-4	42	3200	4000	>80	13000



Lámpara fluorescente alto rendimiento T5 Philips
High efficiency fluorescent lamp T5 Philips
Lampe fluo haut rendement T5 Philips

Ref.	Modelo/Model/Modèle	☰	W	Lm	K	CRI	H
97400054	FLUORESCENTE TL5 HO	G5	54	4450	3000	>80	24000
97401054	FLUORESCENTE TL5 HO	G5	54	4450	4000	>80	24000

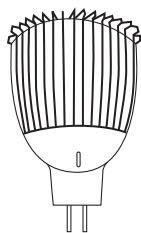
Fluorescencia Fluorescent Fluorescence



Lámpara fluorescente de alta eficiencia T8
High efficiency fluorescent lamp T8
Lampe fluo haut rendement T8

Ref.	Modelo/Model/Modèle	≡	W	Lm	K	CRI	H
NEW 97400016	MASTER TL-D ECO	G13	16	1175	3000	>85	15000
NEW 97401016	MASTER TL-D ECO	G13	16	1175	4000	>85	15000
NEW 97402016	MASTER TL-D ECO	G13	16	1125	6500	>85	15000
NEW 97400032	MASTER TL-D ECO	G13	32	2650	3000	>85	15000
NEW 97401032	MASTER TL-D ECO	G13	32	2550	4000	>85	15000
NEW 97402032	MASTER TL-D ECO	G13	32	4550	6500	>85	15000
NEW 97400051	MASTER TL-D ECO	G13	51	2650	3000	>85	15000
NEW 97401051	MASTER TL-D ECO	G13	51	4550	4000	>85	15000
NEW 97402051	MASTER TL-D ECO	G13	51	4300	6500	>85	15000

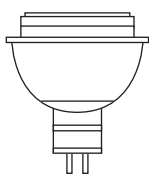
LED LED LED



Lámpara LED Faro QR-CB51 12V
Faro LED bulb QR-CB51 12V
Lampe LED Faro QR-CB51 12V

Ref.	Modelo/Model/Modèle	≡	W	△x°	Lm	K	CRI	☀
14170	QR-CB51 LED	GU5.3	6	30	293,6	5000-6000	>80	--
14171	QR-CB51 LED	GU5.3	6	30	235,3	3000-6000	>80	--

Funciona con reactancia magnética y electrónica
Works with magnetic and electronic gears
Fonctionne avec magnétique et électronique ballast



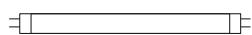
Lámpara LED Philips QR-CB51 12V
Philips LED bulb QR-CB51 12V
Lampe LED Philips QR-CB51 12V

Ref.	Modelo/Model/Modèle	≡	W	△x°	Cd	Lm	K	CRI	H	☑	☀
NEW 97541000	MASTER LED Spot	GU5.3	10	15	4100		2700	>80	25000	✓	167
NEW 97541010	MASTER LED Spot	GU5.3	10	15	4200		3000	>80	25000	✓	168
NEW 97551000	MASTER LED Spot	GU5.3	10	24	1760		2700	>80	25000	✓	169
NEW 97551010	MASTER LED Spot	GU5.3	10	24	1700		3000	>80	25000	✓	170
NEW 97551020	MASTER LED Spot	GU5.3	10	24		440	4000	>80	30000	✓	171
NEW 97561000	MASTER LED Spot	GU5.3	10	36	990		2700	>80	25000	✓	172
NEW 97561010	MASTER LED Spot	GU5.3	10	36		1030	3000	>80	25000	✓	173
NEW 97561020	MASTER LED Spot	GU5.3	10	36	440		4000	>80	30000	✓	174

Funciona con reactancia magnética y electrónica
Works with magnetic and electronic gears
Fonctionne avec magnétique et électronique ballast

✓ Lámpara regulable Dimmable Gradable
✗ Lámpara NO regulable NOT dimmable NON gradable

LED LED LED



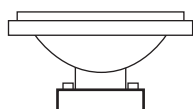
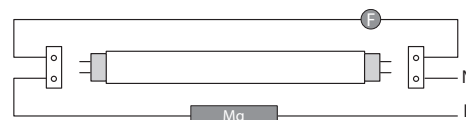
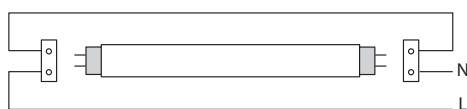
Tubo LED T8 Philips
T8 Philips LED tube
Tube de LED T8 Philips

Ref.	Modelo/Model/Modèle	•—•	≡	W	△x°	Lm	K	CRI	H	☀
NEW 97502011	MASTER LED TUBE	600	G13	11	120	750	4000	>80	40000	179
NEW 97503011	MASTER LED TUBE	600	G13	11	120	750	6500	>80	40000	180
NEW 97502022	MASTER LED TUBE	1200	G13	22	120	1500	4000	>80	40000	181
NEW 97503022	MASTER LED TUBE	1200	G13	22	120	1500	6500	>80	40000	182
NEW 97502025	MASTER LED TUBE	1500	G13	25	120	1900	4000	>80	40000	183
NEW 97503025	MASTER LED TUBE	1500	G13	25	120	1900	6500	>80	40000	184

Funciona directo a corriente o con reactancia magnética (Con reactancia es necesario starter ref. 98500000)

Works direct current or with magnetic gear (With magnetic gear is needed the starter ref. 98500000)

Fonctionne directement sur le courant ou avec magnétique ballast (Avec ballast il est nécessaire starter ref. 98500000)



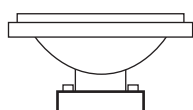
Lámpara LED Faro QR-111 12V
Faro LED bulb QR-111 12V
Ampoule LED Faro QR-111 12V

Ref.	Modelo/Model/Modèle	≡	W	△x°	Lm	K	CRI	☀
NEW 14176	QR-111 LED	G53	12	25	665	2800-3200	>80	--
NEW 14177	QR-111 LED	G53	12	25	700	3800-4200	>80	--
NEW 14178	QR-111 LED	G53	12	60	640	2800-3200	>80	--
NEW 14179	QR-111 LED	G53	12	60	670	3800-4200	>80	--

Funciona con reactancia magnética

Works with magnetic gears

Fonctionne avec magnétique ballast



Lámpara LED Philips QR-111 12V
Philips LED bulb QR-111 12V
Ampoule LED Philips QR-111 12V

Ref.	Modelo/Model/Modèle	≡	W	△x°	Lm	K	CRI	H	☾	☀
NEW 97551100	MASTER LED Spot	G53	10	24	600	2700	>80	45000	✗	175
NEW 97551110	MASTER LED Spot	G53	10	24	620	3000	>80	45000	✗	176
NEW 97651100	MASTER LED Spot	G53	10	24	600	2700	>80	45000	✓	175
NEW 97651110	MASTER LED Spot	G53	10	24	620	3000	>80	45000	✓	176
NEW 97571100	MASTER LED Spot	G53	10	40	600	2700	>80	45000	✗	177
NEW 97571110	MASTER LED Spot	G53	10	40	620	3000	>80	45000	✗	178
NEW 97671100	MASTER LED Spot	G53	10	40	600	2700	>80	45000	✓	177
NEW 97671110	MASTER LED Spot	G53	10	40	620	3000	>80	45000	✓	178
NEW 97551115	MASTER LED Spot	G53	15	24	830	2700	>80	45000	✗	--
NEW 97551215	MASTER LED Spot	G53	15	24	830	3000	>80	45000	✗	--
NEW 97651115	MASTER LED Spot	G53	15	24	830	2700	>80	45000	✓	--
NEW 97651215	MASTER LED Spot	G53	15	24	830	3000	>80	45000	✓	--
NEW 97571115	MASTER LED Spot	G53	15	40	830	2700	>80	45000	✗	--
NEW 97571215	MASTER LED Spot	G53	15	40	830	3000	>80	45000	✗	--
NEW 97671115	MASTER LED Spot	G53	15	40	830	2700	>80	45000	✓	--
NEW 97671215	MASTER LED Spot	G53	15	40	830	3000	>80	45000	✓	--

Funciona con reactancia magnética y electrónica

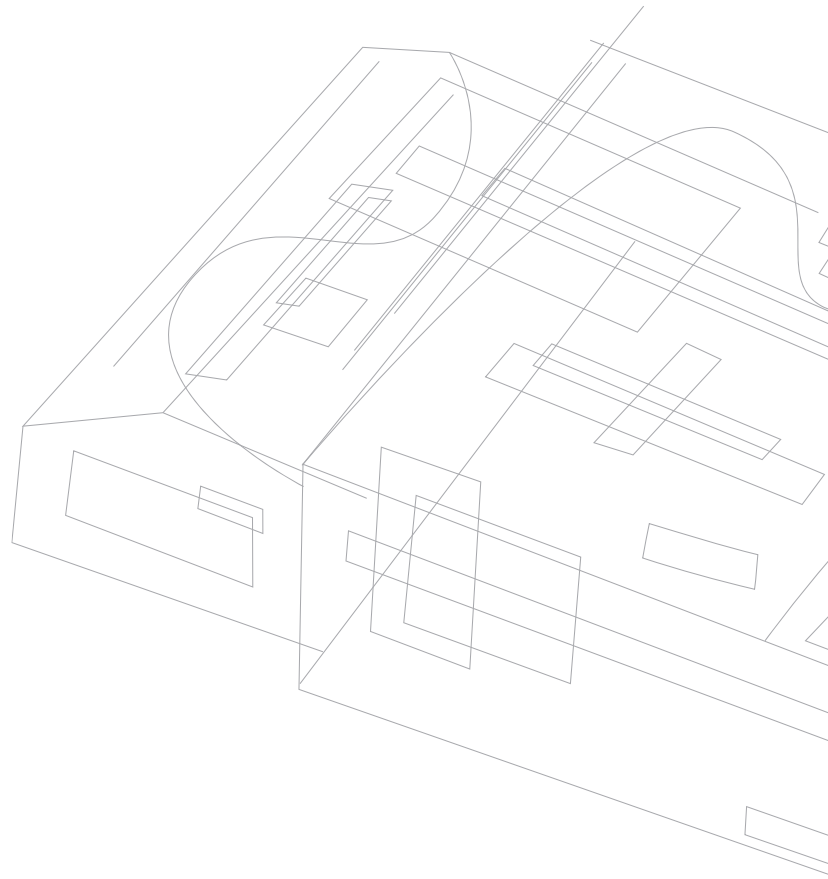
Works with magnetic and electronic gears

Fonctionne avec magnétique et électronique ballast

✓ Lámpara regulable Dimmable Gradable

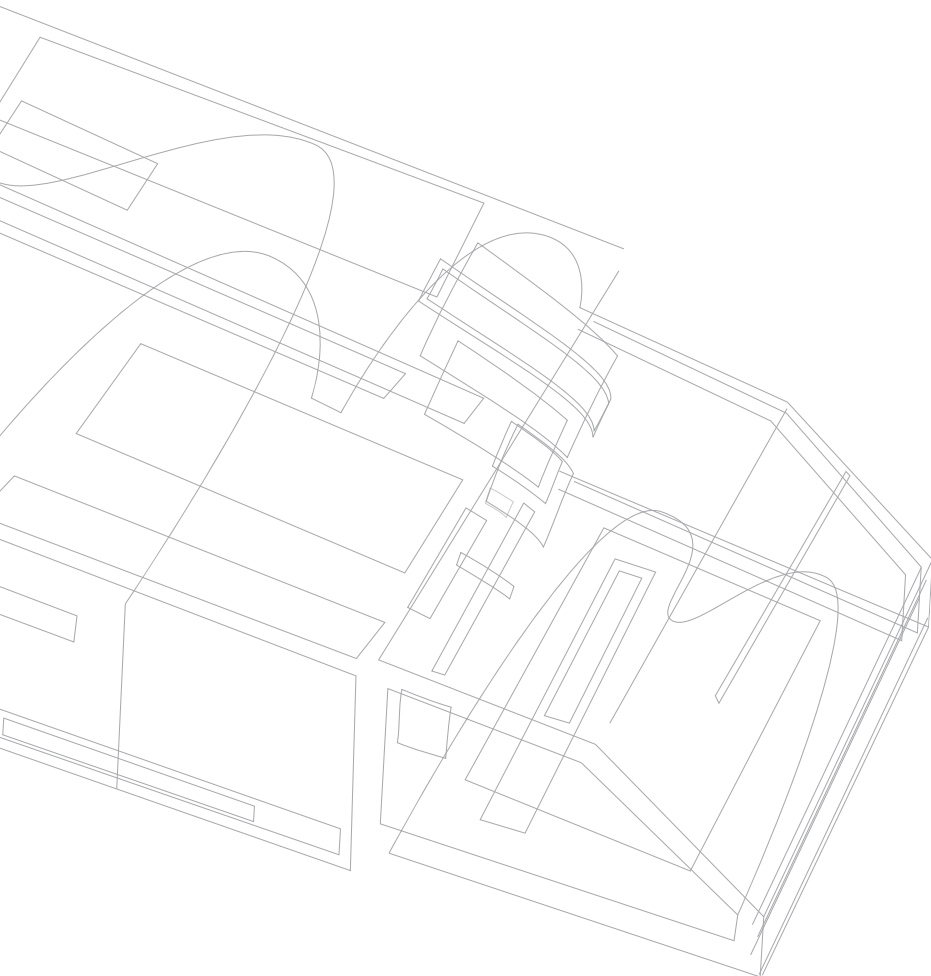
✗ Lámpara NO regulable NOT dimmable NON gradable

5



**equipos
y drivers**
gears
& drivers
equipements
et drivers

Equipos	258
Gears	
Ballasts	



Magnéticos Magnetic Magnétiques



98101050

Transformadores magnéticos Magnetic gears Transformateurs magnétiques

Referencia Reference Référence	Marca Brand Marque	Clase Class Classe	Volt Volt Volt	Potencia Power Puissance	Lámparas Bulbs Ampoules	Dimen. (mm) Sizes (mm) Dimen. (mm)
98101050	ELT	I	12	50 W	2x20 W, 1x35 W, 1x50 W	143 x 43 x 35



98201018



98201026

Reactancias magnéticas Magnetic gears Ballasts magnétiques

Referencia Reference Référence	Marca Brand Marque	Clase Class Classe	Volt Volt Volt	Potencia Power Puissance	Lámparas Bulbs Ampoules	Power factor Power factor Power factor	Dimen. (mm) Sizes (mm) Dimen. (mm)
98201018	ELT	I	0,22	18 W	G24d-2	0,50	110 x 41 x 28,2
98201026	ELT	I	0,325	26 W	G24d-3	0,41	110 x 41 x 28,2



98401070



98401150

Equipos descarga magnéticos Discharge magnetic gears Ballasts décharge magnétiques

Referencia Reference Référence	Marca Brand Marque	Clase Class Classe	Volt Volt Volt	Potencia Power Puissance	Lámparas Bulbs Ampoules	Power factor Power factor Power factor	Dimen. (mm) Sizes (mm) Dimen. (mm)
98401070	ELT	II	0,98	70 W	70W	0,90	158 x 81 x 62
98401150	ELT	II	1,80	150 W	150 W	0,90	205 x 121 x 57

Electrónicos Electronic Electroniques



98111050



98111070



98111105

Transformadores electrónicos Magnetic gears Transformateurs électroniques

Referencia Reference Référence	Marca Brand Marque	Clase Class Classe	Volt Volt Volt	Potencia Power Puissance	Lámparas Bulbs Ampoules	Dimen. (mm) Sizes (mm) Dimen. (mm)
98111050	ELT	II	12	50 W	2x20 W, 1x35 W, 1x50 W	38 x 29 x 131
98111070	ELT	II	12	70 W	3x20 W, 2x35 W 1x50 W, 1x60 W	38 x 29 x 131
98111105	ELT	II	12	105 W	5x20 W, 3x35 W 2x50 W, 1x100 W	38 x 29 x 131



98212013



98212018



98212026



98212042



98211042



98111152



98111252

Reactancias electrónicas Electronic gears Ballasts électroniques

Referencia Reference Référence	Marca Brand Marque	Clase Class Classe	Potencia Power Puissance	Lámparas Bulbs Ampoules	Dimen. (mm) Sizes (mm) Dimen. (mm)
98212013	ELT	II	26 W	2x13 W TC-DEL	67 x 21 x 103 x 94
98212018	ELT	II	36 W	2x18 W TC-DEL	67 x 21 x 103 x 94
98212026	ELT	II	52 W	2x26 W TC-DEL	67 x 21 x 103 x 94
98212042	ELT	II	52 W	2x26 W TC-DEL	69 x 21 x 123 x 111
98211042	ELT	II	26 W	1x26 W TC-DEL	79 x 21 x 123 x 112
		II	42 W	1x32,42 W TC-TEL	

Referencia Reference Référence	Marca Brand Marque	Regulación Controller Regulateur	Clase Class Classe	Potencia Power Puissance	Lámparas Bulbs Ampoules	Dimen. (mm) Sizes (mm) Dimen. (mm)
98111152	VOSSLOH	DALI	II	52 W	2X26 W TC-DEL	123 x 79 x 33
98111252	VOSSLOH	1-10V	II	52 W	2X26 W TC-DEL	123 x 79 x 33

NEW
NEW

Electrónicos Electronic Electroniques



98411020



98411035



98411070



98411150



98401050



98401100



98401101

Equipos descarga electrónicos Discharge electronic gears Ballasts décharge électronique

Referencia Reference Référence	Marca Brand Marque	Clase Class Classe	Potencia Power Puissance	Lámparas Bulbs Ampoules	Dimen. (mm) Sizes (mm) Dimen. (mm)
98411020	PHILIPS	II	20 W	HID de 20 W	190 x 43 x 30
NEW 98401050	PHILIPS	II	50 W	SDW-TG 50 W	38 x 90 x 150
NEW 98401100	PHILIPS	II	100 W	SDW-TG 100 W	38 x 90 x 150
NEW 98401101	PHILIPS	II	100 W	HID de 100 W	32 x 75 x 135
98411035	ELT	II	35 W	HID de 35 W	75 x 145 x 29,5
98411070	ELT	II	70 W	HID de 70 W	75 x 145 x 29,5
98411150	ELT	II	150 W	HID de 150 W	88 x 190 x 36

Driver LED Driver LED Driver LED



Drivers LED LED Drivers Drivers LED

Referencia Reference Référence	Marca Brand Marca	Clase Class Classe	Corriente* Current* Courant*	Potencia Power Puissance	Volt Volt Volt	P. factor P. factor P. factor	Tensión nom. Rated voltage Tension nom.	Rango temp. Temp. range Echelle temp.	Tc Tc Tc	Dimen. (mm) Sizes (mm) Dimen. (mm)
98310103	HEP	II	350 mA	1~3 W	DC 3~9 V	0,55	100~240 V AC	-20°C~+50°C	70°C	49 x 39 x 20
98310108	HEP	II	350 mA	1~8 W	DC 3~24 V	0,55	100 ~ 240 V AC	-20~+50°C	70°C	85 x 40,4 x 22
98310118	HEP	I	350 mA	1~18 W	DC 3~54 V	0,95	100~240 V AC	-20~+50°C	70°C	103 x 67 x 30,5
98310203	HEP	I	700 mA	3 W	DC 4~5 V	0,55	100~240 V AC	-20~+50°C	70°C	49 x 39 x 20
98310212	HEP	II	700 mA	3~12 W	DC 4~18 V	0,95	100~240 V AC	-20~+50°C	70°C	167 x 38,4 x 29,3

Referencia Reference Référence	Marca Brand Marca	Clase Class Classe	Corriente* Current* Courant*	Potencia Power Puissance	Volt Volt Volt	P. factor P. factor P. factor	Tensión nom. Rated voltage Tension nom.	Rango temp. Temp. range Echelle temp.	Tc Tc Tc	Dimen. (mm) Sizes (mm) Dimen. (mm)	Regul. Regul. Régl.	
98310240	VOSSLOH	II	700 mA	36 W	20-57	0,97	176-240 V	-20~+50	75°C	70 x 87 x 32	✘	NEW
98310340	VOSSLOH	II	700 mA	40 W	20-57	0,97	176-240 V	-20~+50°C	75°C	159 x 79 x 33	✓	NEW
98310312	VOSSLOH	II	max 1A	12 W	12 VDC	0,57	220-240 V	-20~+50°C	75°C	85 x 36 x 22	✘	NEW

✓ Driver regulable DALI Dimmable driver DALI Driver gradable DALI

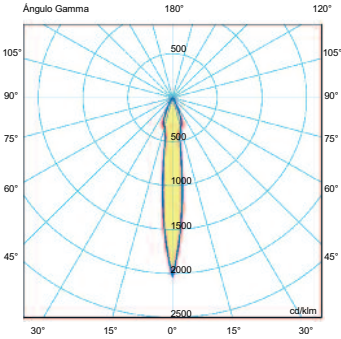
✘ Driver NO regulable NOT dimmable driver Driver NON gradable

fotométricas
photometrics
photométriques

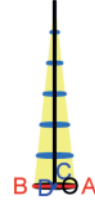
FOKUS

CDM-Tm 1 x 20Wm 15° $\eta=27,89\%$

001

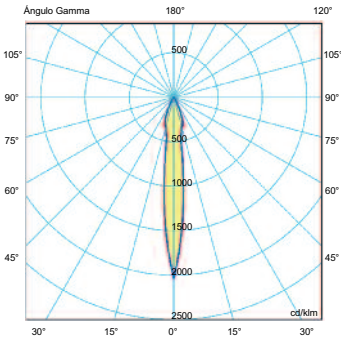


H (m)	D (m)	Max Lux	Med Lux
1.00	0.22	3291	1883
2.00	0.44	823	471
3.00	0.67	366	209
4.00	0.89	206	118
5.00	1.11	132	75

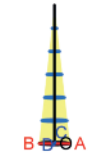


CDM-Tm 1 x 35Wm 15° $\eta=27,89\%$

002

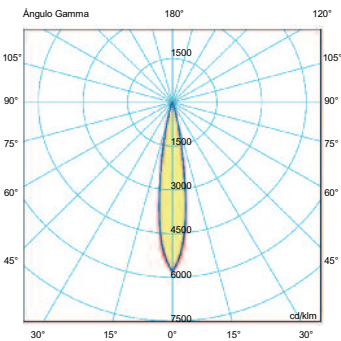


H (m)	D (m)	Max Lux	Med Lux
1.00	0.22	6114	3498
2.00	0.44	1528	875
3.00	0.67	679	389
4.00	0.89	382	219
5.00	1.11	245	140

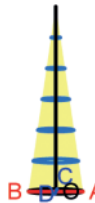


HIT-T 1 x 35W 20° $\eta=60,02\%$

003

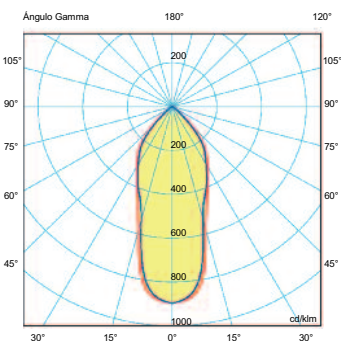


H (m)	D (m)	Max Lux	Med Lux
1.00	0.29	19195	11185
2.00	0.59	4799	2796
3.00	0.88	2133	1243
4.00	1.17	1200	699
5.00	1.47	768	447

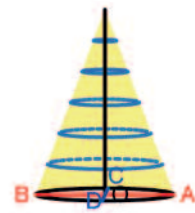


HIT-T 1 x 35W 50° $\eta=68,28\%$

004



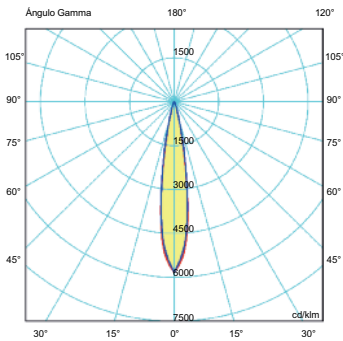
H (m)	D (m)	Max Lux	Med Lux
1.00	0.75	2961	1714
2.00	1.50	740	429
3.00	2.24	329	190
4.00	2.99	185	107
5.00	3.74	118	69



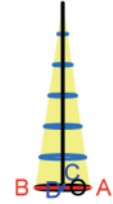
FOKUS

HIT-T 1 x 70W 20° $\eta=60,02\%$

005

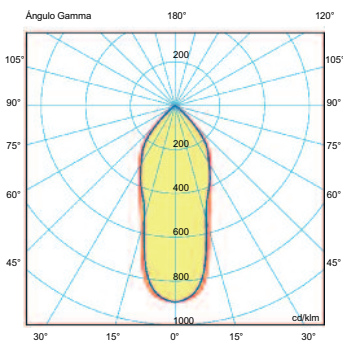


H (m)	D (m)	Max Lux	Med Lux
1.00	0.29	38391	22370
2.00	0.59	9598	5592
3.00	0.88	4266	2486
4.00	1.17	2399	1398
5.00	1.47	1536	895

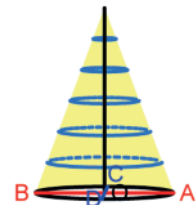


HIT-T 1 x 70W 50° $\eta=68,28\%$

006

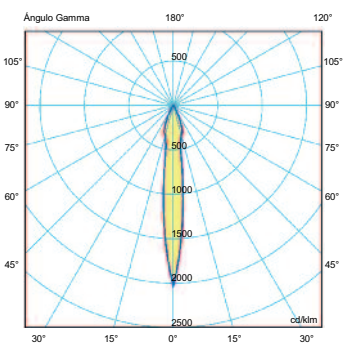


H (m)	D (m)	Max Lux	Med Lux
1.00	0.75	5921	3428
2.00	1.50	1480	857
3.00	2.24	658	381
4.00	2.99	370	214
5.00	3.74	237	137

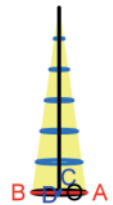


HIT-T 1 x 100W 20° $\eta=60,02\%$

007

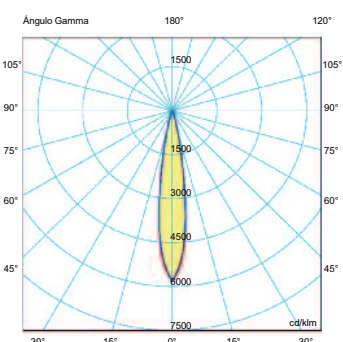


H (m)	D (m)	Max Lux	Med Lux
1.00	0.22	6114	3498
2.00	0.44	1528	875
3.00	0.67	679	389
4.00	0.89	382	219
5.00	1.11	245	140

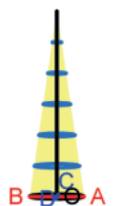


HIT-T 1 x 100W 50° $\eta=68,28\%$

008

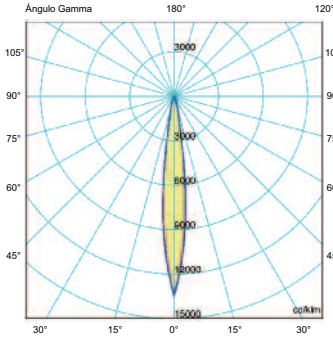


H (m)	D (m)	Max Lux	Med Lux
1.00	0.29	55259	32199
2.00	0.59	13815	8050
3.00	0.88	6140	3578
4.00	1.17	3454	2012
5.00	1.47	2210	1288



MAGNO

CDM- Tm 20W 12° $\eta=75,17\%$

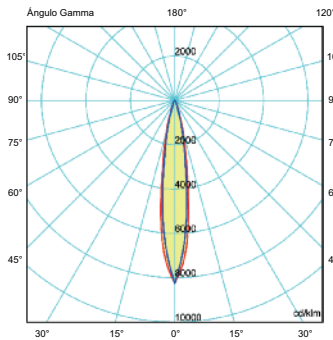


009

H (m)	D (m)	Max Lux	Med Lux
1.00	0.22	13454	8337
2.00	0.43	3363	2084
3.00	0.65	1495	926
4.00	0.86	841	521
5.00	1.08	538	333



CDM- Tm 20W 24° $\eta=70,80\%$

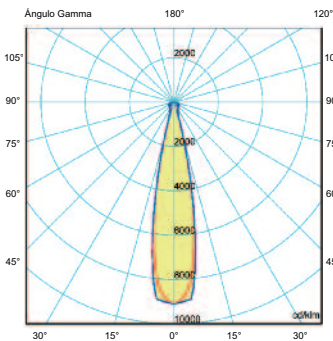


010

H (m)	D (m)	Max Lux	Med Lux
1.00	0.30	8251	5167
2.00	0.60	2063	1292
3.00	0.90	917	574
4.00	1.20	516	323
5.00	1.50	330	207

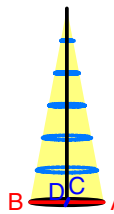


HIT-T 35W 12° $\eta=68,09\%$

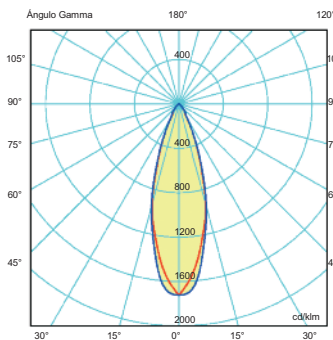


011

H (m)	D (m)	Max Lux	Med Lux
1.00	0.38	9499	5788
2.00	0.76	2375	1447
3.00	1.14	1055	643
4.00	1.52	594	362
5.00	1.90	380	232

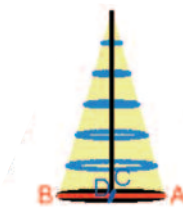


HIT-T 35W 38° $\eta=63,03\%$



012

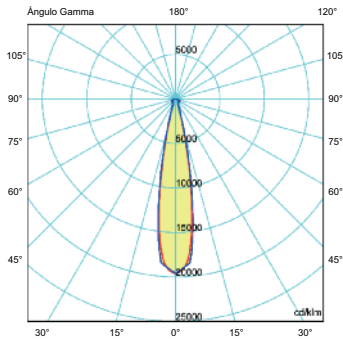
H (m)	D (m)	Max Lux	Med Lux
1.00	0.57	5681	3217
2.00	1.15	1420	804
3.00	1.72	631	357
4.00	2.30	355	201
5.00	2.87	227	129



MAGNO

HIT-T 70W 12° $\eta=69,06\%$

013

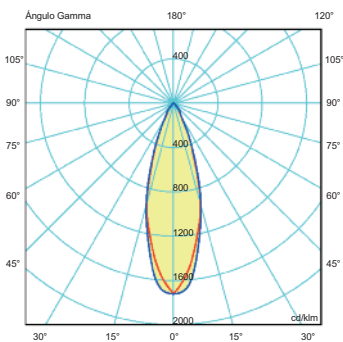


H (m)	D (m)	Max Lux	Med Lux
1.00	0.35	19608	12522
2.00	0.71	4902	3130
3.00	1.06	2179	1391
4.00	1.41	1225	783
5.00	1.77	784	501



HIT-T 70W 38° $\eta=63,03\%$

014

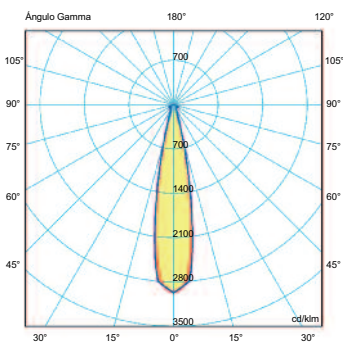


H (m)	D (m)	Max Lux	Med Lux
1.00	0.57	11361	6435
2.00	1.15	2840	1609
3.00	1.72	1262	715
4.00	2.30	710	402
5.00	2.87	454	257

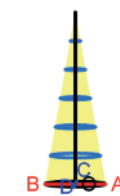


HIT-T 1 x 100W 12°

015

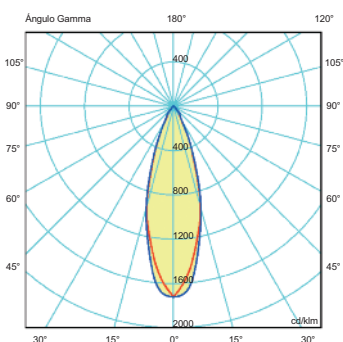


H (m)	D (m)	Max Lux	Med Lux
1.00	0.35	28223	18023
2.00	0.71	7056	4506
3.00	1.06	3136	2003
4.00	1.41	1764	1126
5.00	1.77	1129	721

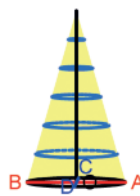


HIT-T 1 x 100W 38°

016



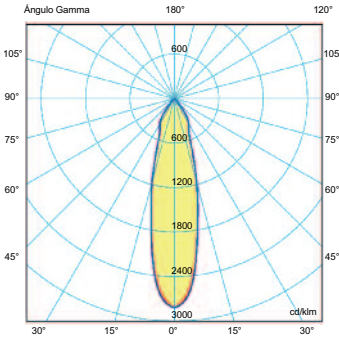
H (m)	D (m)	Max Lux	Med Lux
1.00	0.57	16354	9262
2.00	1.15	4088	2316
3.00	1.72	1817	1029
4.00	2.30	1022	579
5.00	2.87	654	370



SOLID

BRIDGELUX LED 1 x 26W 3000K 30° GOLD $\eta=100\%$

017

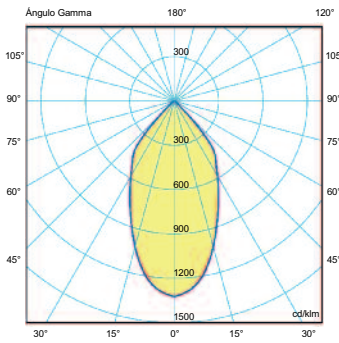


H (m)	D (m)	Max Lux	Med Lux
1.00	0.46	5235	3289
2.00	0.92	1309	822
3.00	1.37	582	365
4.00	1.83	327	206
5.00	2.29	209	132

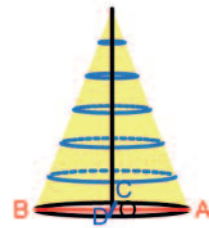


BRIDGELUX LED 1 x 26W 3000K 65° GOLD $\eta=100\%$

018

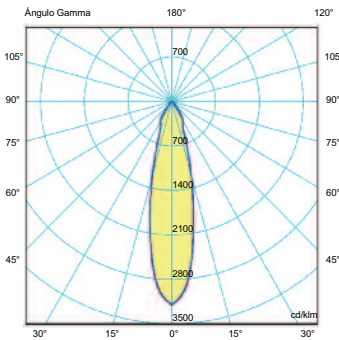


H (m)	D (m)	Max Lux	Med Lux
1.00	0.76	2652	1507
2.00	1.53	663	377
3.00	2.29	295	167
4.00	3.06	166	94
5.00	3.82	106	60



BRIDGELUX LED 1 x 26W 3000K 30° $\eta=100\%$

019

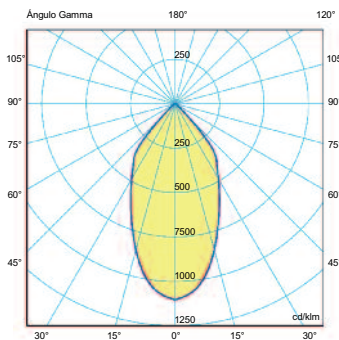


H (m)	D (m)	Max Lux	Med Lux
1.00	0.44	5241	3318
2.00	0.88	1310	829
3.00	1.32	582	369
4.00	1.76	328	207
5.00	2.20	210	133

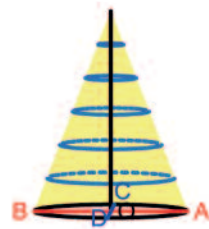


BRIDGELUX LED 1 x 26W 3000K 65° $\eta=100\%$

020



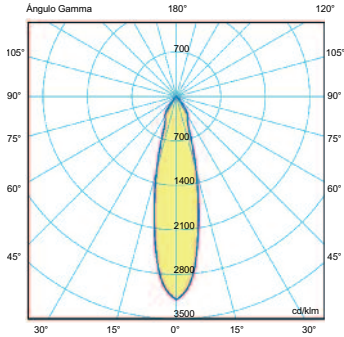
H (m)	D (m)	Max Lux	Med Lux
1.00	1.01	1646	862
2.00	2.01	412	216
3.00	3.02	183	96
4.00	4.02	103	54
5.00	5.03	66	34



SOLID

BRIDGELUX LED 1 x 26W 4000K 30°

021

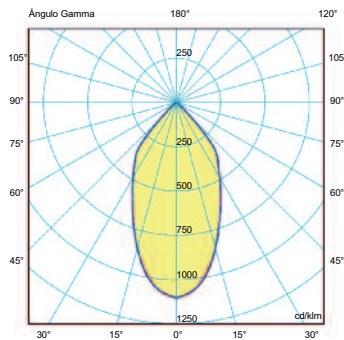


H (m)	D (m)	Max Lux	Med Lux
1.00	0.44	5957	3771
2.00	0.88	1489	943
3.00	1.32	662	419
4.00	1.76	372	236
5.00	2.20	238	151

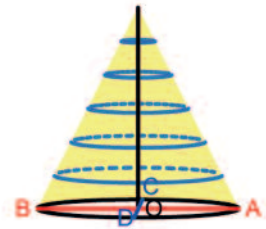


BRIDGELUX LED 1 x 26W 4000K 65°

022

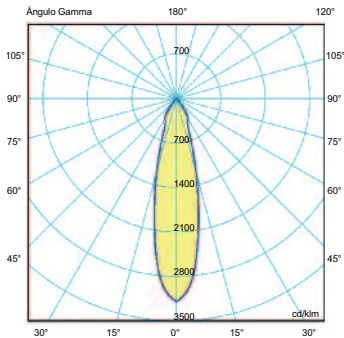


H (m)	D (m)	Max Lux	Med Lux
1.00	1.01	1871	980
2.00	2.01	468	245
3.00	3.02	208	109
4.00	4.02	117	61
5.00	5.03	75	39



BRIDGELUX LED 1 x 26W 5000K 30° $\eta=100\%$

023

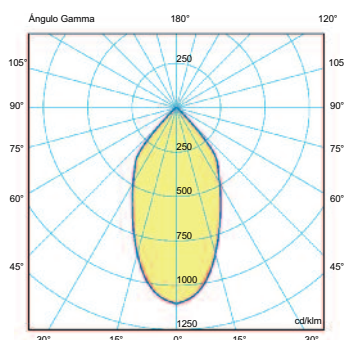


H (m)	D (m)	Max Lux	Med Lux
1.00	0.44	6769	4285
2.00	0.88	1692	1071
3.00	1.32	752	476
4.00	1.76	423	268
5.00	2.20	271	171

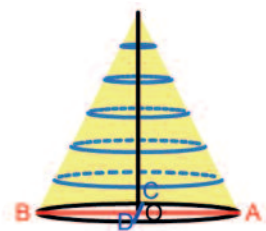


BRIDGELUX LED 1 x 26W 5000K 65° $\eta=100\%$

024



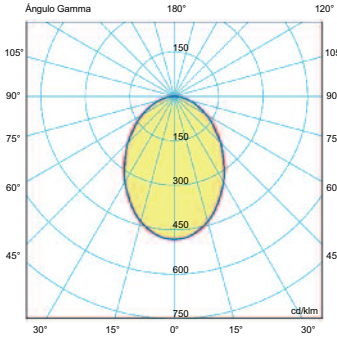
H (m)	D (m)	Max Lux	Med Lux
1.00	1.01	2126	1113
2.00	2.01	531	278
3.00	3.02	236	124
4.00	4.02	133	70
5.00	5.03	85	45



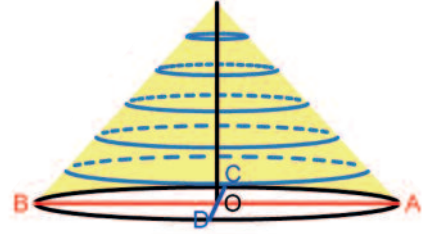
SOLID

BRIDGELUX LED 1 x 26W 3000K 65° Difusor opal $\eta=100\%$

025

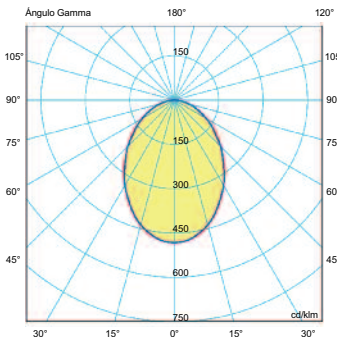


H (m)	D (m)	Max Lux	Med Lux
1.00	1.81	641	247
2.00	3.63	160	62
3.00	5.44	71	27
4.00	7.26	40	15
5.00	9.07	26	10

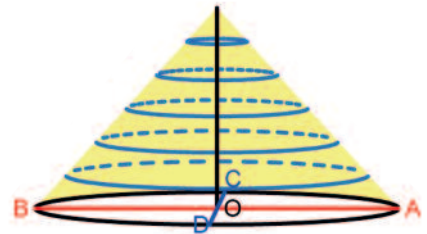


BRIDGELUX LED 1 x 26W 4000K 65° Difusor opal $\eta=100\%$

026

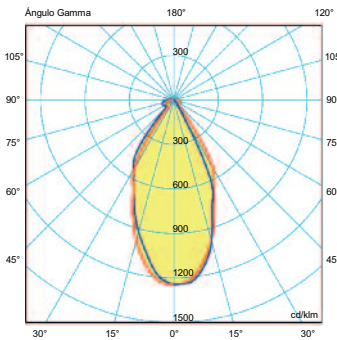


H (m)	D (m)	Max Lux	Med Lux
1.00	1.81	728	281
2.00	3.63	182	70
3.00	5.44	81	31
4.00	7.26	46	18
5.00	9.07	29	11



BRIDGELUX LED 1 x 26W 3000K Bañador de pared $\eta=100\%$

027

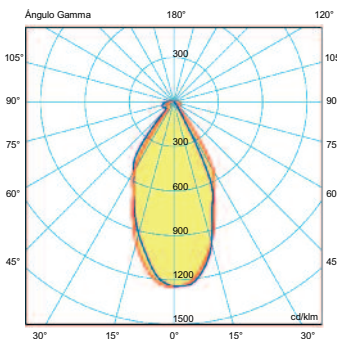


H (m)	D (m)	Max Lux	Med Lux
1.00	0.99	1773	904
2.00	1.98	443	226
3.00	2.97	197	100
4.00	3.96	111	57
5.00	4.95	71	36

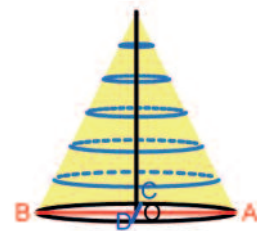


BRIDGELUX LED 1 x 26W 4000K Bañador de pared $\eta=100\%$

028

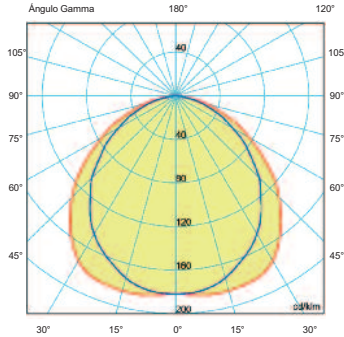


H (m)	D (m)	Max Lux	Med Lux
1.00	0.99	2015	1028
2.00	1.98	504	257
3.00	2.97	224	114
4.00	3.96	126	64
5.00	4.95	81	41

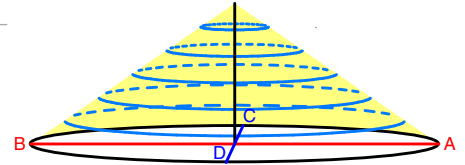


LUX

TC-D 2 x 18W $\eta=48,48\%$

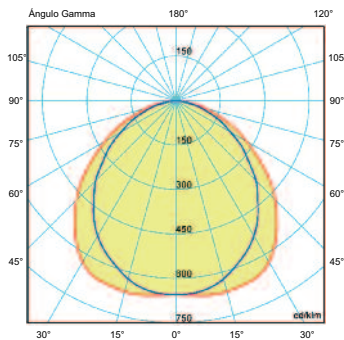


H (m)	D (m)	Max Lux	Med Lux
1.00	2.91	437	130
2.00	5.81	109	33
3.00	8.72	49	14
4.00	11.63	27	8
5.00	14.54	17	5

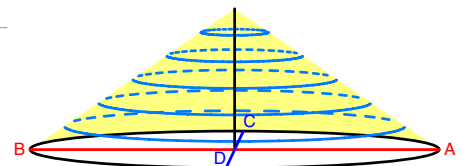


029

TC-D 2 x 26W $\eta=48,48\%$

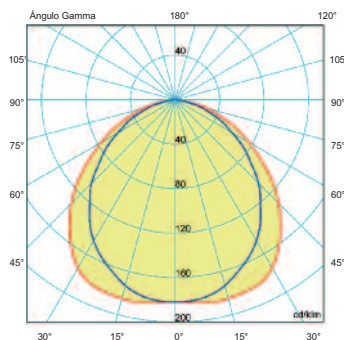


H (m)	D (m)	Max Lux	Med Lux
1.00	2.91	655	195
2.00	5.81	164	49
3.00	8.72	73	22
4.00	11.63	41	12
5.00	14.54	26	8

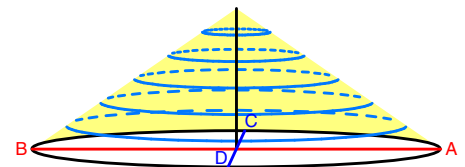


030

TC-DEL 2 x 18W $\eta=48,48\%$

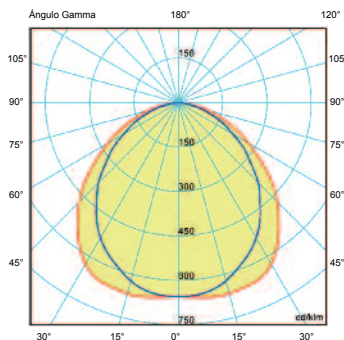


H (m)	D (m)	Max Lux	Med Lux
1.00	2.91	437	130
2.00	5.81	109	33
3.00	8.72	49	14
4.00	11.63	27	8
5.00	14.54	17	5

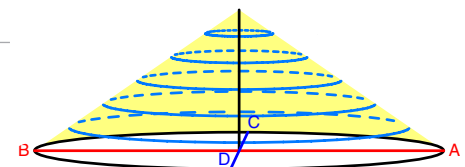


031

TC-DEL 2 x 26W $\eta=48,48\%$



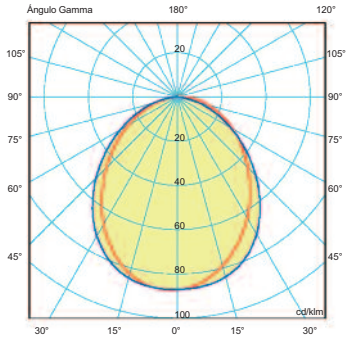
H (m)	D (m)	Max Lux	Med Lux
1.00	2.91	655	195
2.00	5.81	164	49
3.00	8.72	73	22
4.00	11.63	41	12
5.00	14.54	26	8



032

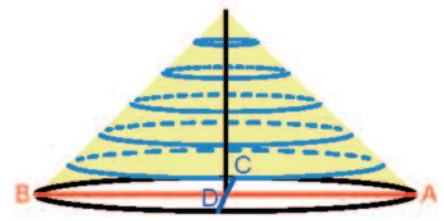
HORMA

TC-DEL 2 x 26W $\eta=21,41\%$

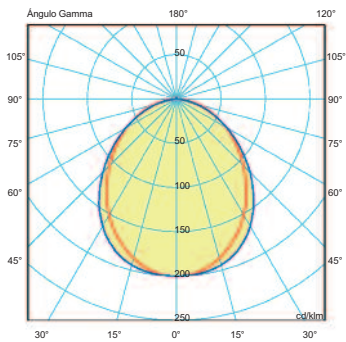


033

H (m)	D (m)	Max Lux	Med Lux
1.00	2.07	157	53
2.00	4.14	39	13
3.00	6.21	17	6
4.00	8.28	10	3
5.00	10.36	6	2

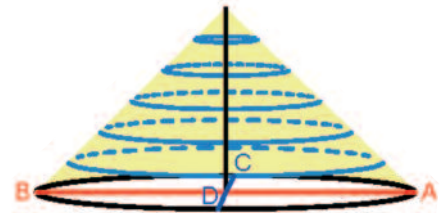


TC-DEL 2 x 13W $\eta=28\%$

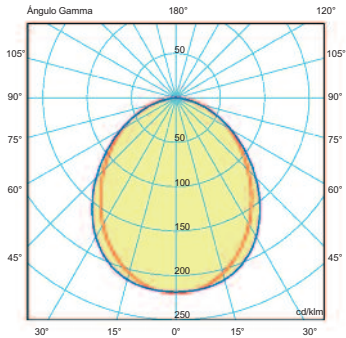


034

H (m)	D (m)	Max Lux	Med Lux
1.00	2.16	200	68
2.00	4.31	50	7
3.00	6.47	22	8
4.00	8.63	13	4
5.00	10.78	8	3

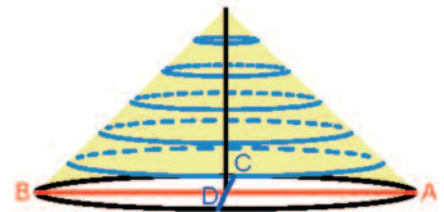


TC-DEL 2 x 18W $\eta=22,48\%$



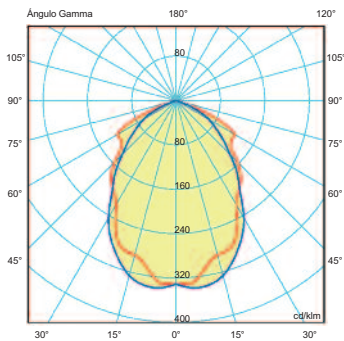
035

H (m)	D (m)	Max Lux	Med Lux
1.00	2.11	220	74
2.00	4.21	55	18
3.00	6.32	24	8
4.00	8.43	14	5
5.00	10.53	9	3



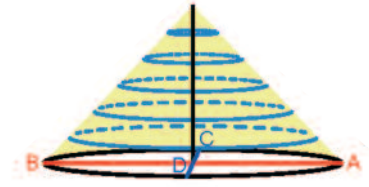
ATOM

TC-D 1 x 26W $\eta=63,77\%$

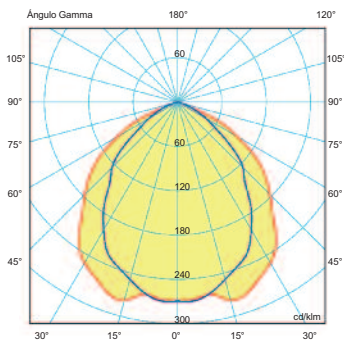


036

H (m)	D (m)	Max Lux	Med Lux
1.00	1.90	604	229
2.00	3.80	151	57
3.00	5.70	67	25
4.00	7.60	38	14
5.00	9.50	24	9

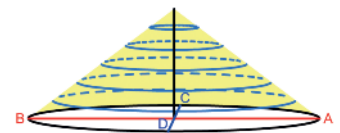


TC-D 2 x 18W $\eta=40,54\%$

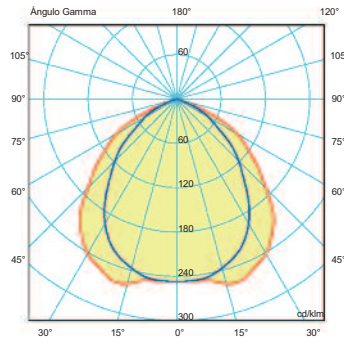


037

H (m)	D (m)	Max Lux	Med Lux
1.00	2.66	648	230
2.00	5.31	162	57
3.00	7.97	72	26
4.00	10.62	40	14
5.00	13.28	26	9

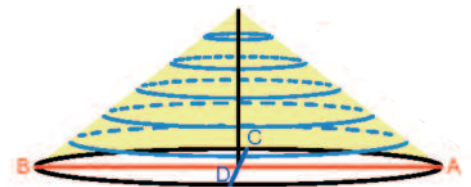


TC-D 2 x 26W $\eta=56,27\%$

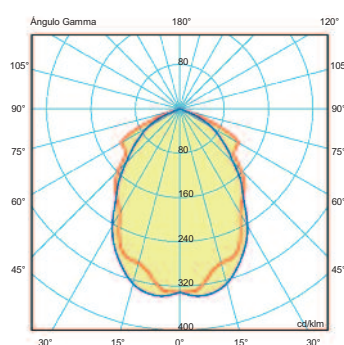


038

H (m)	D (m)	Max Lux	Med Lux
1.00	2.59	889	329
2.00	5.19	222	82
3.00	7.78	99	37
4.00	10.37	56	21
5.00	12.97	36	13

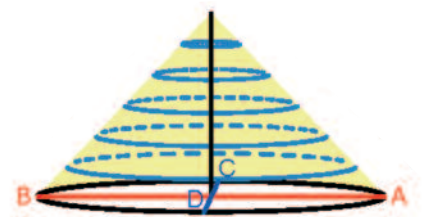


TC-DEL 1 x 26W $\eta=63,77\%$



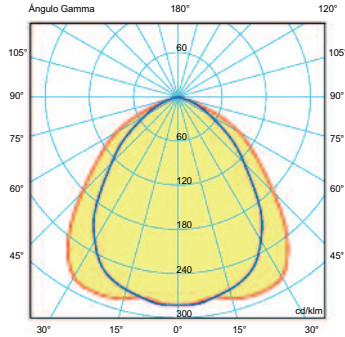
039

H (m)	D (m)	Max Lux	Med Lux
1.00	1.90	604	229
2.00	3.80	151	57
3.00	5.70	67	25
4.00	7.60	38	14
5.00	9.50	24	9



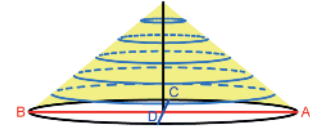
ATOM

TC-DEL 2 x 18W $\eta=40,54\%$

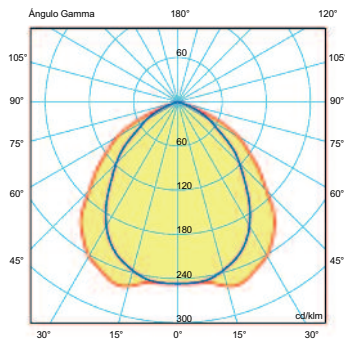


040

H (m)	D (m)	Max Lux	Med Lux
1.00	2.45	679	258
2.00	4.89	170	64
3.00	7.34	75	29
4.00	9.79	42	16
5.00	12.24	27	10

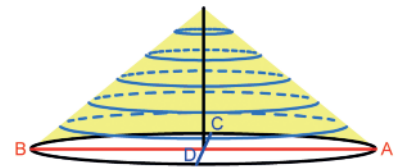


TC-DEL 2 x 26W $\eta=56,27\%$

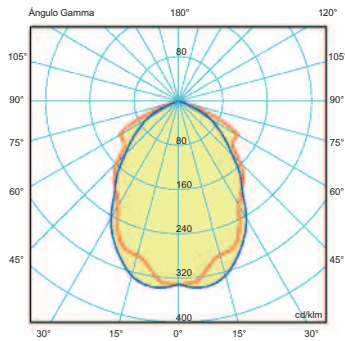


041

H (m)	D (m)	Max Lux	Med Lux
1.00	2.45	1019	387
2.00	4.89	255	97
3.00	7.34	113	43
4.00	9.79	64	24
5.00	12.24	41	15

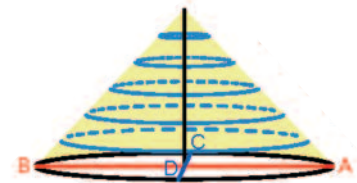


TC-TEL 1 x 32W $\eta=63,77\%$

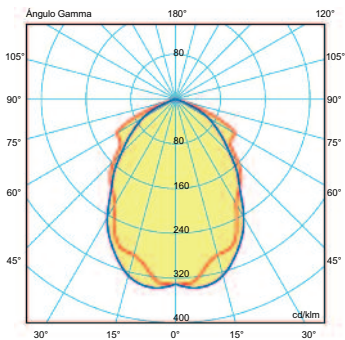


042

H (m)	D (m)	Max Lux	Med Lux
1.00	1.90	805	306
2.00	3.80	201	76
3.00	5.70	89	34
4.00	7.60	50	19
5.00	9.50	32	12

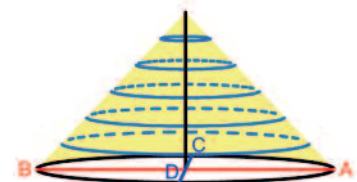


TC-TEL 1 x 42W $\eta=63,77\%$



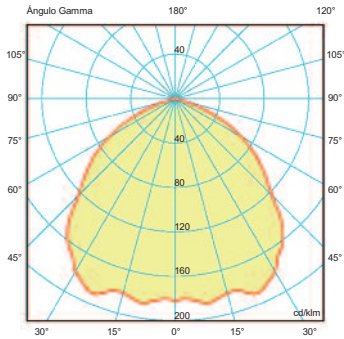
043

H (m)	D (m)	Max Lux	Med Lux
1.00	1.90	1074	407
2.00	3.80	268	102
3.00	5.70	119	45
4.00	7.60	67	25
5.00	9.50	43	16



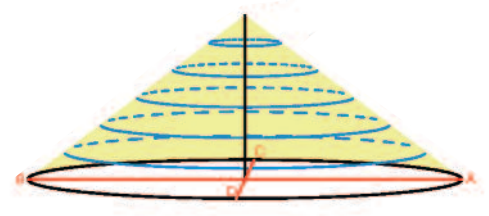
ATOM

TC-TEL 2 x 32W $\eta=49,10\%$

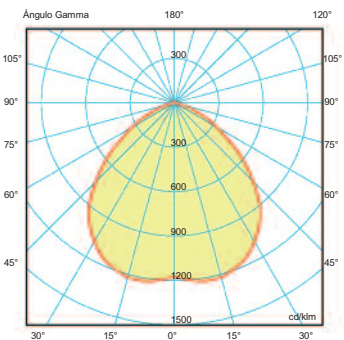


H (m)	D (m)	Max Lux	Med Lux
1.00	2.64	875	273
2.00	5.28	219	68
3.00	7.93	97	30
4.00	10.57	55	17
5.00	13.21	35	11

044

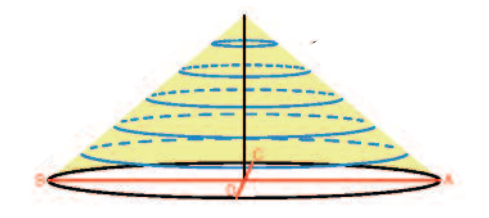


TC-TEL 2 x 42W $\eta=45,05\%$

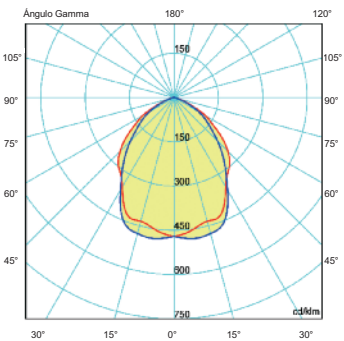


H (m)	D (m)	Max Lux	Med Lux
1.00	2.39	1188	404
2.00	4.77	297	101
3.00	7.16	132	45
4.00	9.54	74	25
5.00	11.93	48	16

045

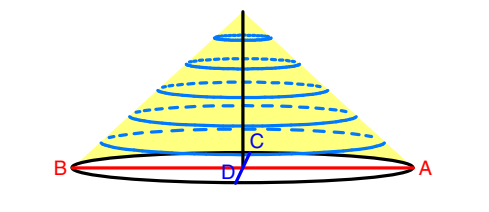


TC-D 1 x 26W $\eta=50,94\%$

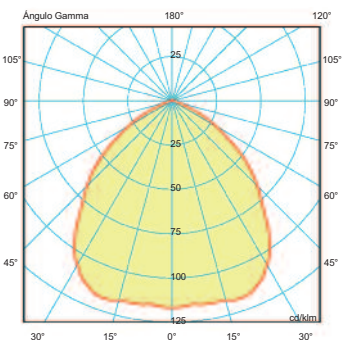


H (m)	D (m)	Max Lux	Med Lux
1.00	2.18	480	170
2.00	4.37	120	42
3.00	6.55	53	19
4.00	8.74	30	11
5.00	10.92	19	7

046

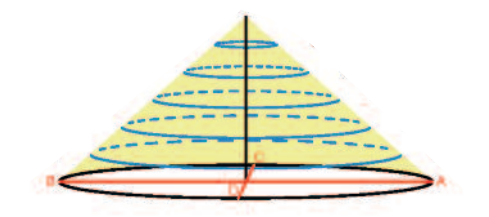


TC-D 2 x 18W $\eta=26,78\%$



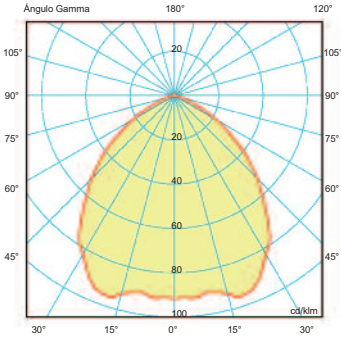
H (m)	D (m)	Max Lux	Med Lux
1.00	2.27	280	99
2.00	4.55	70	25
3.00	6.82	31	11
4.00	9.09	17	6
5.00	11.36	11	4

047



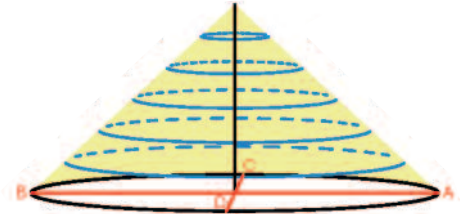
ATOM

TC-D 2 x 26W $\eta=20,86\%$

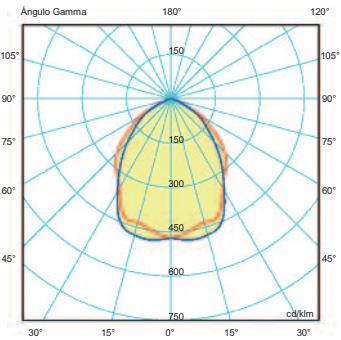


H (m)	D (m)	Max Lux	Med Lux
1.00	2.17	329	124
2.00	4.35	82	31
3.00	6.52	37	14
4.00	8.70	21	8
5.00	10.87	13	5

048

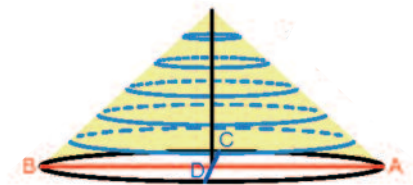


TC-DEL 1 x 26W $\eta=50,94\%$

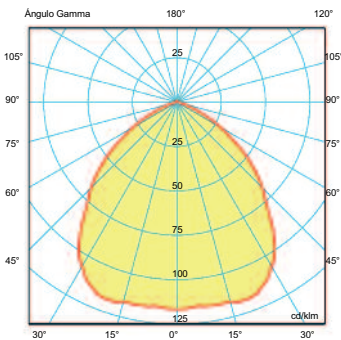


H (m)	D (m)	Max Lux	Med Lux
1.00	2.18	480	170
2.00	4.37	120	42
3.00	6.55	53	19
4.00	8.74	30	11
5.00	10.92	19	7

049

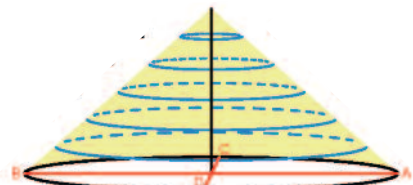


TC-DEL 2 x 18W $\eta=26,78\%$

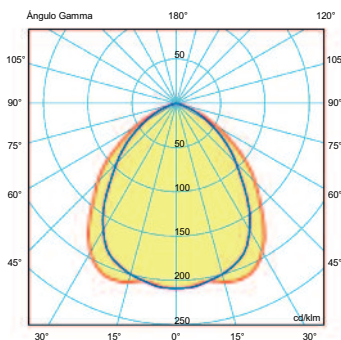


H (m)	D (m)	Max Lux	Med Lux
1.00	2.27	280	41
2.00	4.54	70	10
3.00	6.81	31	5
4.00	9.07	17	3
5.00	11.34	11	2

050

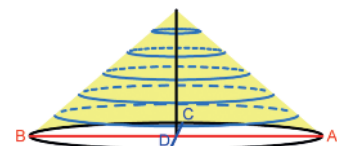


TC-DEL 2 x 26W $\eta=20,86\%$



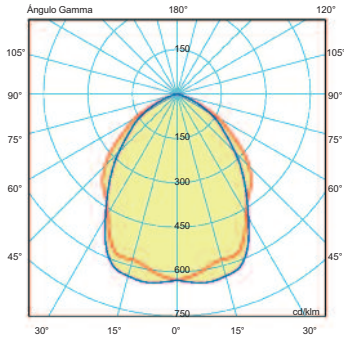
H (m)	D (m)	Max Lux	Med Lux
1.00	2.34	752	282
2.00	4.67	188	71
3.00	7.01	84	31
4.00	9.34	47	18
5.00	11.68	30	11

051



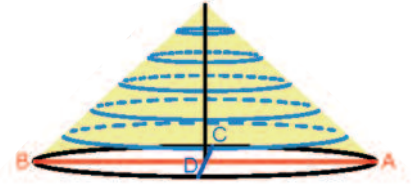
ATOM

TC-TEL 1 x 32W $\eta=50,94\%$

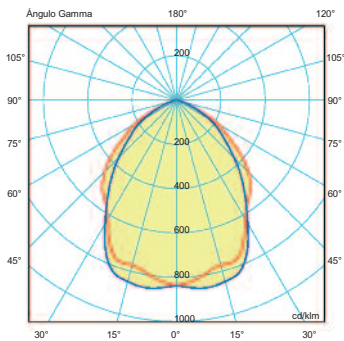


H (m)	D (m)	Max Lux	Med Lux
1.00	2.18	640	227
2.00	4.37	160	57
3.00	6.55	71	25
4.00	8.74	40	14
5.00	10.92	26	9

052

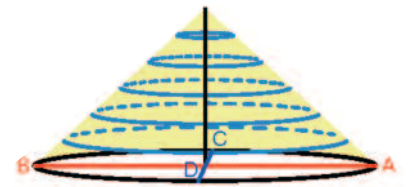


TC-TEL 1 x 42W $\eta=50,94\%$

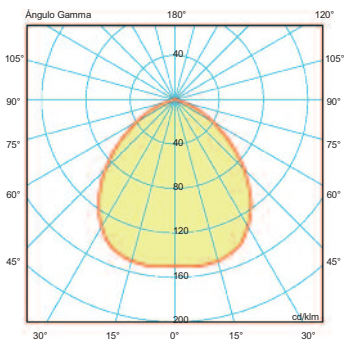


H (m)	D (m)	Max Lux	Med Lux
1.00	2.18	853	302
2.00	4.37	213	76
3.00	6.55	95	34
4.00	8.74	53	19
5.00	10.92	34	12

053

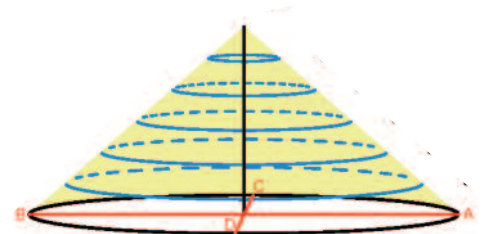


TC-TEL 2 x 32W $\eta=34,86\%$

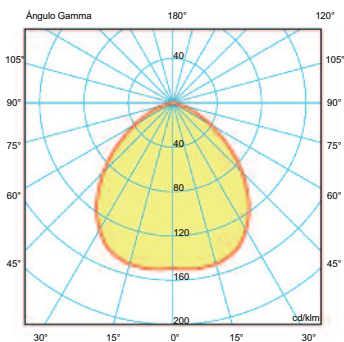


H (m)	D (m)	Max Lux	Med Lux
1.00	2.28	719	249
2.00	4.56	180	62
3.00	6.85	80	28
4.00	9.13	45	16
5.00	11.41	29	10

054

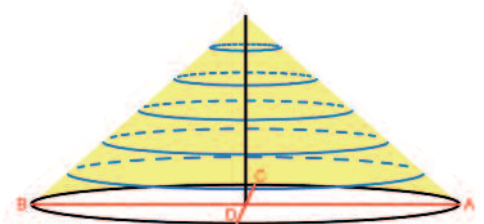


TC-TEL 2 x 42W $\eta=34,86\%$



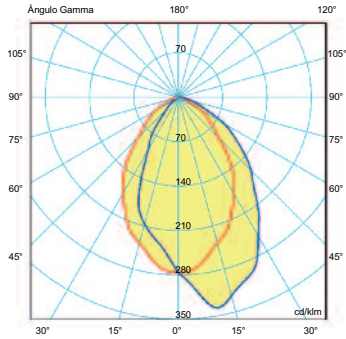
H (m)	D (m)	Max Lux	Med Lux
1.00	2.28	958	332
2.00	4.56	240	83
3.00	6.85	106	37
4.00	9.13	60	21
5.00	11.41	38	13

055



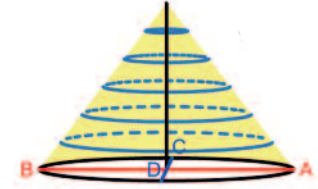
ATOM

TC-DEL 1 x 26W $\eta=42,07\%$

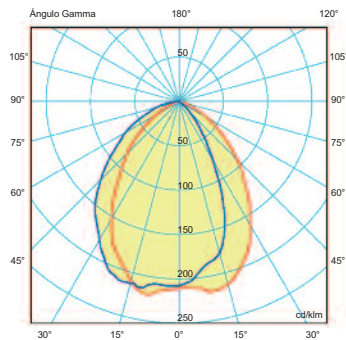


056

H (m)	D (m)	Max Lux	Med Lux
1.00	1.53	578	207
2.00	3.06	145	52
3.00	4.59	64	23
4.00	6.13	36	13
5.00	7.66	23	8

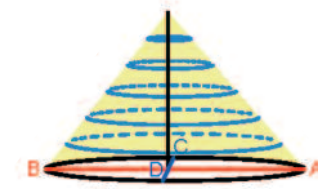


TC-DEL 2 x 26W $\eta=36,73\%$

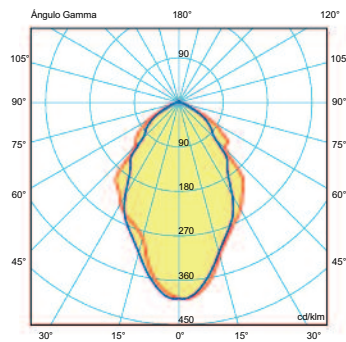


057

H (m)	D (m)	Max Lux	Med Lux
1.00	1.65	768	327
2.00	3.30	192	82
3.00	4.95	85	36
4.00	6.61	48	20
5.00	8.26	31	13

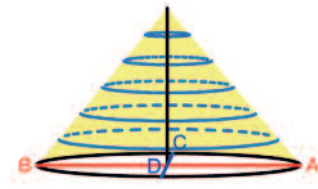


HIT-DE 1 x 70W $\eta=60,02\%$

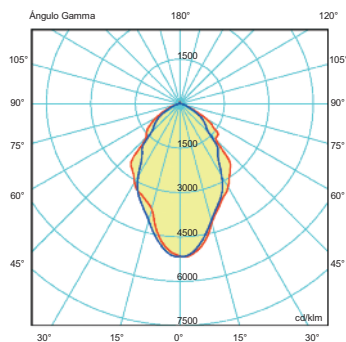


058

H (m)	D (m)	Max Lux	Med Lux
1.00	1.68	2190	911
2.00	3.36	548	228
3.00	5.04	243	101
4.00	6.73	137	57
5.00	8.41	88	36

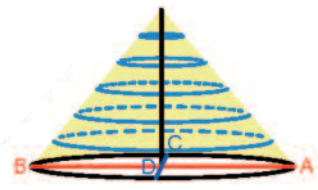


HIT-DE 150W $\eta=60,02\%$



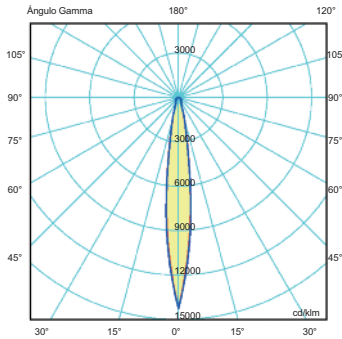
059

H (m)	D (m)	Max Lux	Med Lux
1.00	1.68	2190	911
2.00	3.36	548	228
3.00	5.04	243	101
4.00	6.73	137	57
5.00	8.41	88	36



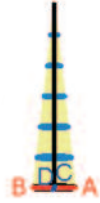
MORRIS

HIT-T 35W 12° $\eta=63,83\%$

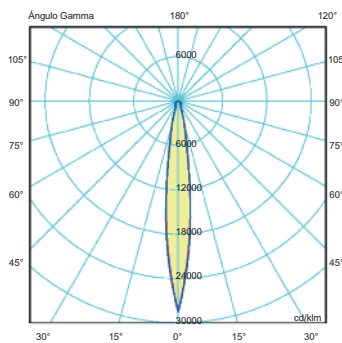


060

H (m)	D (m)	Max Lux	Med Lux
1.00	0.23	14239	8510
2.00	0.46	3560	2127
3.00	0.69	1582	946
4.00	0.92	890	532
5.00	1.15	570	340



HIT-T 70W 12° $\eta=63,83\%$

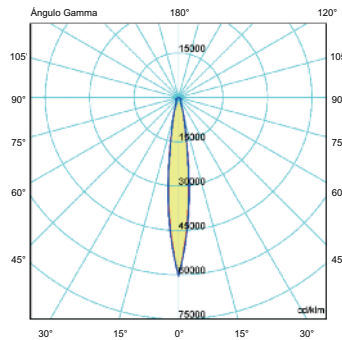


061

H (m)	D (m)	Max Lux	Med Lux
1.00	0.23	28478	17019
2.00	0.46	7119	4255
3.00	0.69	3164	1891
4.00	0.92	1780	1064
5.00	1.15	1139	681

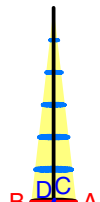


HIT-T 150W 12° $\eta=63,83\%$

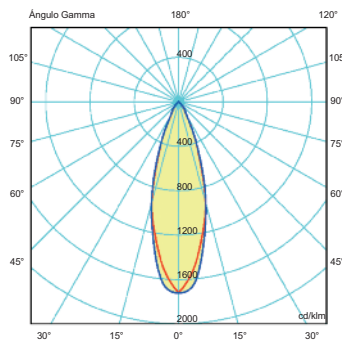


062

H (m)	D (m)	Max Lux	Med Lux
1.00	0.23	60407	36101
2.00	0.46	15102	9025
3.00	0.69	6712	4011
4.00	0.92	3775	2256
5.00	1.15	2416	1444

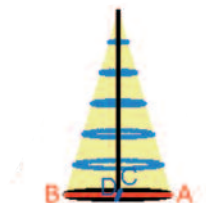


HIT-T 35W 38° $\eta=63,03\%$



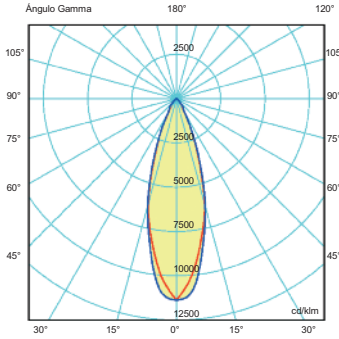
063

H (m)	D (m)	Max Lux	Med Lux
1.00	0.57	5681	3217
2.00	1.15	1420	804
3.00	1.72	631	357
4.00	2.30	355	201
5.00	2.87	227	129



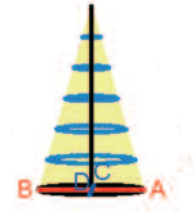
MORRIS

HIT-T 70W 38° $\eta=63,03\%$

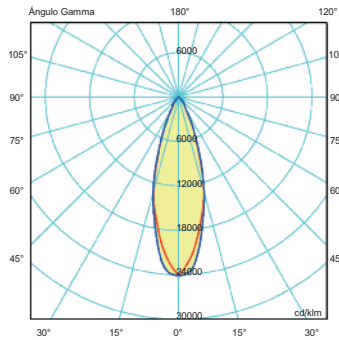


064

H (m)	D (m)	Max Lux	Med Lux
1.00	0.57	11361	6435
2.00	1.15	2840	1609
3.00	1.72	1262	715
4.00	2.30	710	402
5.00	2.87	454	257

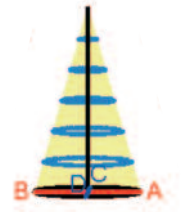


HIT-T 150W 38° $\eta=63,03\%$



065

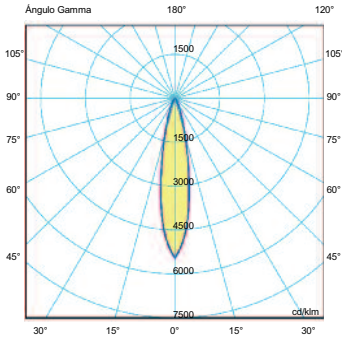
H (m)	D (m)	Max Lux	Med Lux
1.00	0.57	24100	13649
2.00	1.15	6025	3412
3.00	1.72	2678	1517
4.00	2.30	1506	853
5.00	2.87	964	546



LYNX

EPISTAR 3 x 1W 2700K 15° $\eta=100,00\%$

066

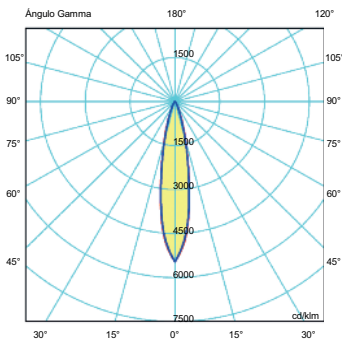


H (m)	D (m)	Max Lux	Med Lux
1.00	0.35	1095	683
2.00	0.70	274	171
3.00	1.05	122	76
4.00	1.40	68	43
5.00	1.75	44	27



EPISTAR 3 x 1W 4000K 15° $\eta=100,00\%$

067

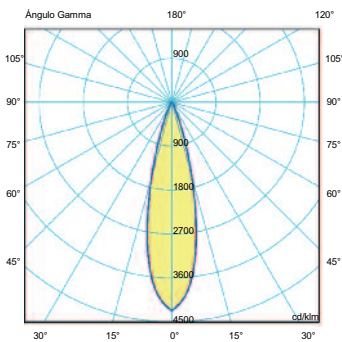


H (m)	D (m)	Max Lux	Med Lux
1.00	0.35	1201	578
2.00	0.70	300	144
3.00	1.05	133	64
4.00	1.40	75	36
5.00	1.75	48	23

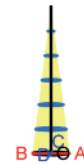


EPISTAR 6 x 1W 2700K 45° $\eta=100,00\%$

068

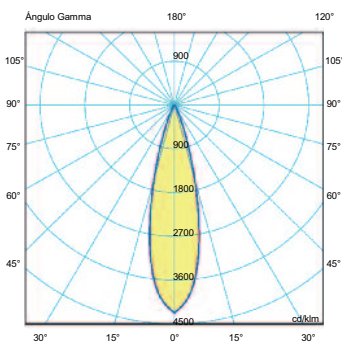


H (m)	D (m)	Max Lux	Med Lux
1.00	0.45	1717	800
2.00	0.91	429	200
3.00	1.36	191	89
4.00	1.82	107	50
5.00	2.27	69	32

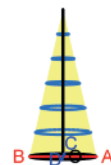


EPISTAR 6 x 1W 4000K 45° $\eta=100,00\%$

069

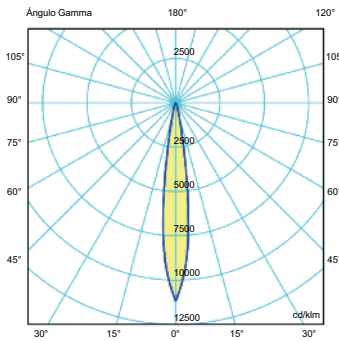


H (m)	D (m)	Max Lux	Med Lux
1.00	0.45	1595	997
2.00	0.91	399	249
3.00	1.36	177	111
4.00	1.82	100	62
5.00	2.27	64	40



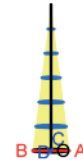
LYNX

EPSTAR 15 x 1W 2700K 45°

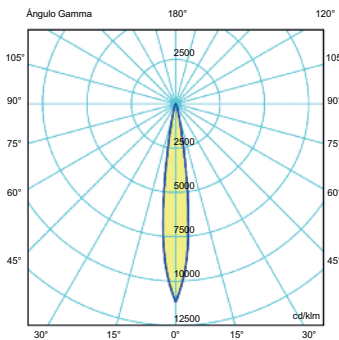


070

H (m)	D (m)	Max Lux	Med Lux
1.00	0.25	11873	7637
2.00	0.50	2968	1909
3.00	0.75	1319	849
4.00	1.00	742	477
5.00	1.25	475	305

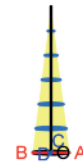


EPSTAR 15 x 1W 4000K 45°



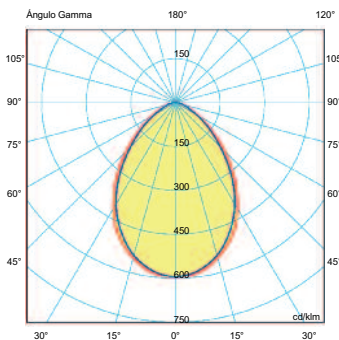
071

H (m)	D (m)	Max Lux	Med Lux
1.00	0.25	11873	7637
2.00	0.50	2968	1909
3.00	0.75	1319	849
4.00	1.00	742	477
5.00	1.25	475	305



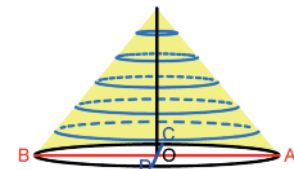
JUNO

EPSTAR 15 x 1W 4000K 60° η=100,00%



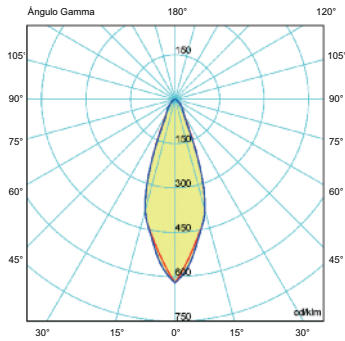
072

H (m)	D (m)	Max Lux	Med Lux
1.00	1.67	526	221
2.00	3.34	132	55
3.00	5.02	58	25
4.00	6.69	33	14
5.00	8.36	21	9



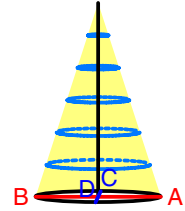
KANT

LED $\eta=100\%$

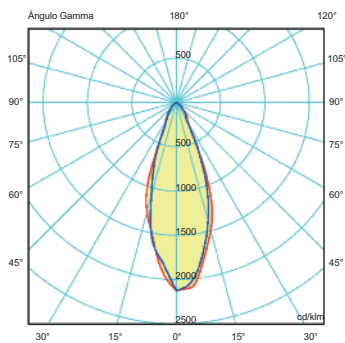


073

H (m)	D (m)	Max Lux	Med Lux
1.00	0.65	621	354
2.00	1.29	155	89
3.00	1.94	69	39
4.00	2.58	39	22
5.00	3.23	25	14

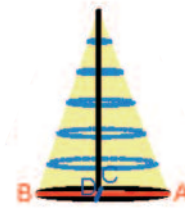


LED $\eta=99,62\%$



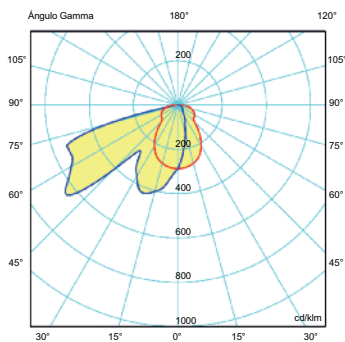
074

H (m)	D (m)	Max Lux	Med Lux
1.00	0.71	717	398
2.00	1.42	179	99
3.00	2.13	80	44
4.00	2.85	45	25
5.00	3.56	29	16



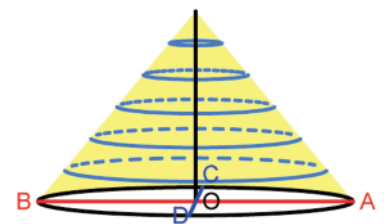
DOLE

OSRAM LED 1.2W 2800-3250K $\eta=100,00\%$



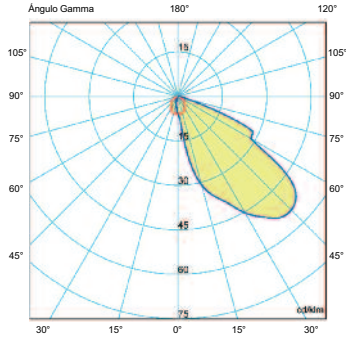
075

H (m)	D (m)	Max Lux	Med Lux
1.00	1.66	14	3
2.00	3.31	3	1
3.00	4.97	2	0
4.00	6.63	1	0
5.00	8.29	1	0



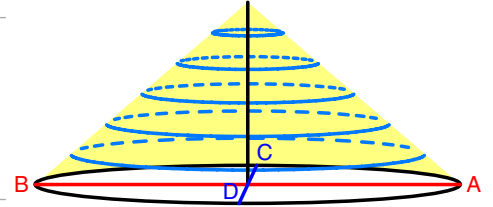
KOPEK

EDISON LED 1 x 3W 6500K 38°

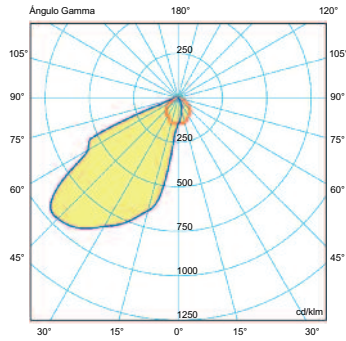


076

H (m)	D (m)	Max Lux	Med Lux
1.00	2.33	30	4
2.00	4.67	7	1
3.00	7.00	3	0
4.00	9.34	2	0
5.00	11.67	1	0

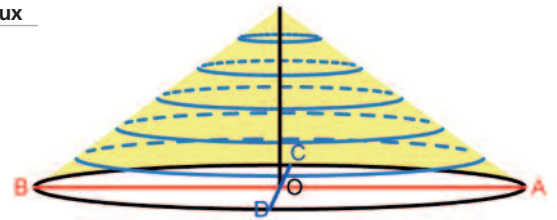


EDISON LED 1 x 3W 3000K 38°



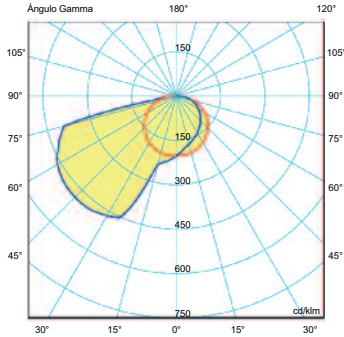
077

H (m)	D (m)	Max Lux	Med Lux
1.00	2.75	33	5
2.00	5.49	8	1
3.00	8.24	4	1
4.00	10.99	2	0
5.00	13.74	1	0

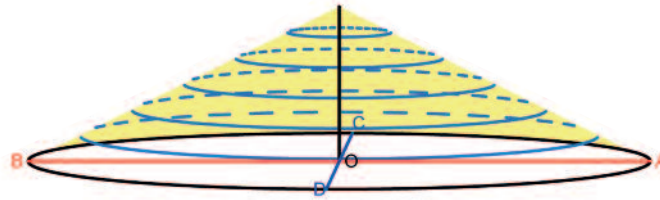


PLAS

PLAS-1 LED CREE 1W 3000K

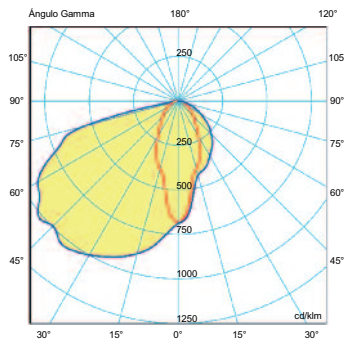


078



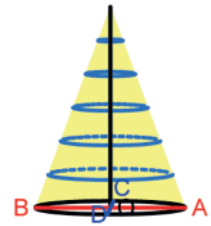
H (m)	D (m)	Max Lux	Med Lux
1.00	4.04	21	2
2.00	8.08	5	0
3.00	12.12	2	0
4.00	16.16	1	0
5.00	20.20	1	0

PLAS-2 LED CREE 1W 3000K

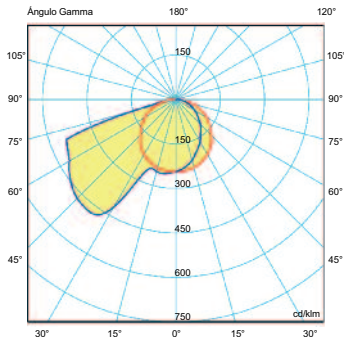


079

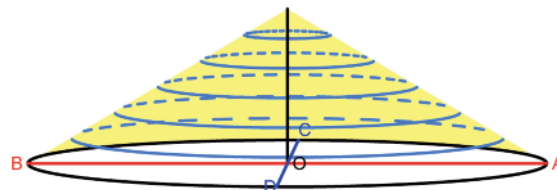
H (m)	D (m)	Max Lux	Med Lux
1.00	0.75	18	3
2.00	1.50	5	1
3.00	2.25	2	0
4.00	2.99	1	0
5.00	3.74	1	0



PLAS-3 LED CREE 1W 3000K



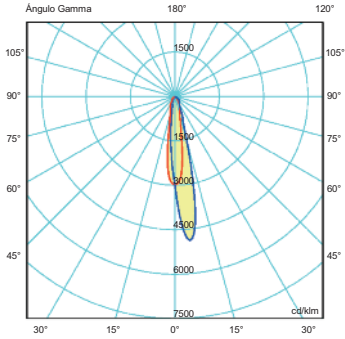
080



H (m)	D (m)	Max Lux	Med Lux
1.00	3.37	18	3
2.00	6.74	4	1
3.00	10.11	2	0
4.00	13.48	1	0
5.00	16.85	1	0

PASCAL

CDM-Tm 20W 12° $\eta=53,19\%$

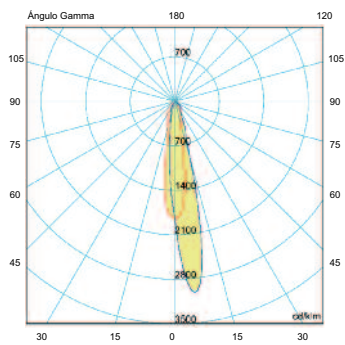


081

H (m)	D (m)	Max Lux	Med Lux
1.00	0.32	4800	2484
2.00	0.63	1200	621
3.00	0.95	533	276
4.00	1.26	300	155
5.00	1.58	192	99

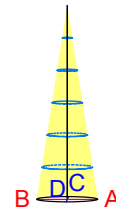


CDM-Tm 35W 12° $\eta=53,19\%$

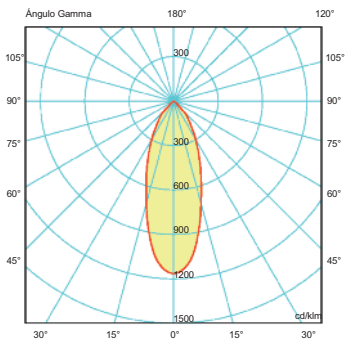


082

H (m)	D (m)	Max Lux	Med Lux
1.00	0.32	8917	4615
2.00	0.63	2229	1154
3.00	0.95	991	513
4.00	1.26	557	288
5.00	1.58	357	185

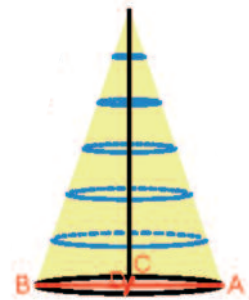


CDM-Tm 20W 38° $\eta=71,21\%$

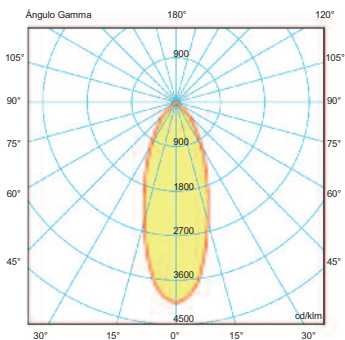


083

H (m)	D (m)	Max Lux	Med Lux
1.00	0.68	1941	1135
2.00	1.35	485	284
3.00	2.03	216	126
4.00	2.70	121	71
5.00	3.38	78	45

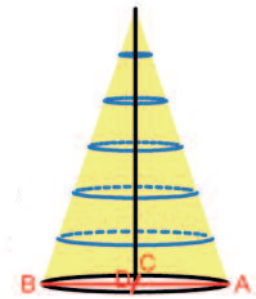


CDM-Tm 35W 38° $\eta=71,21\%$



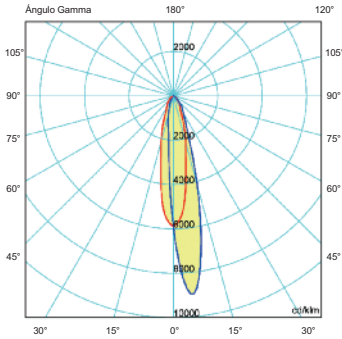
084

H (m)	D (m)	Max Lux	Med Lux
1.00	0.68	3605	2108
2.00	1.35	901	527
3.00	2.03	401	234
4.00	2.70	225	132
5.00	3.38	144	84



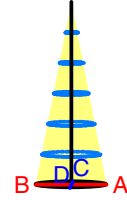
PASCAL

HIT-TC 35W 12° $\eta=62,95\%$

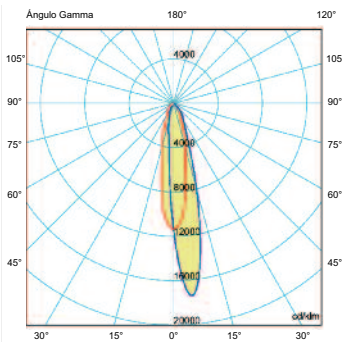


085

H (m)	D (m)	Max Lux	Med Lux
1.00	0.39	8864	4494
2.00	0.78	2216	1123
3.00	1.17	985	499
4.00	1.55	554	281
5.00	1.94	355	180

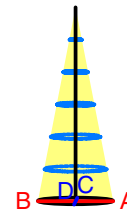


HIT-TC 70W 12° $\eta=62,95\%$

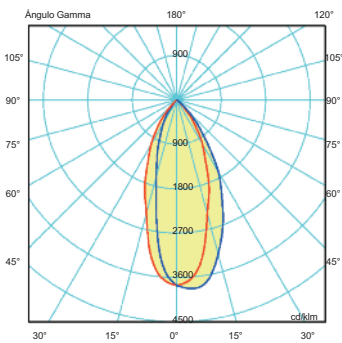


086

H (m)	D (m)	Max Lux	Med Lux
1.00	0.39	17190	8715
2.00	0.78	4297	2179
3.00	1.17	1910	968
4.00	1.55	1074	545
5.00	1.94	688	349



HIT-TC 35W 38° $\eta=68,12\%$

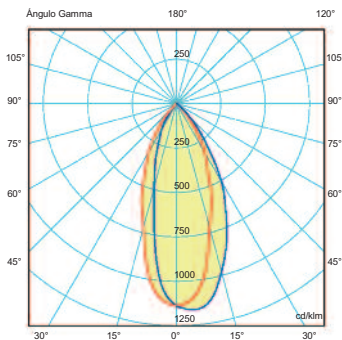


087

H (m)	D (m)	Max Lux	Med Lux
1.00	0.74	3806	2146
2.00	1.48	952	537
3.00	2.22	423	238
4.00	2.96	238	134
5.00	3.69	152	86



HIT-TC 70W 38° $\eta=68,12\%$



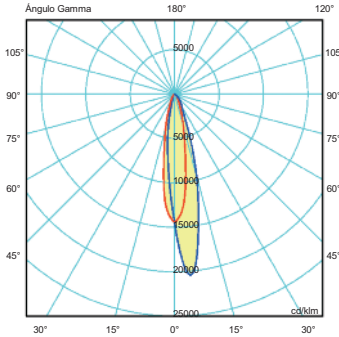
088

H (m)	D (m)	Max Lux	Med Lux
1.00	0.74	7382	4163
2.00	1.48	1846	1041
3.00	2.22	820	463
4.00	2.96	461	260
5.00	3.69	295	167



PASCAL

HIT-T 70W 12° $\eta=57,90\%$

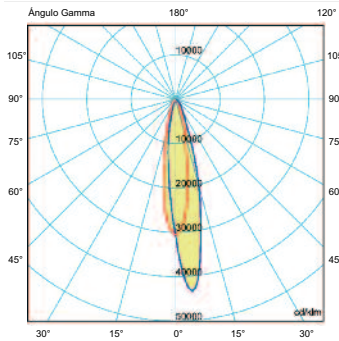


089

H (m)	D (m)	Max Lux	Med Lux
1.00	0.34	20210	10463
2.00	0.68	5053	2616
3.00	1.02	2246	1163
4.00	1.37	1263	654
5.00	1.71	808	419

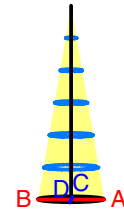


HIT-T 150W 12° $\eta=57,90\%$

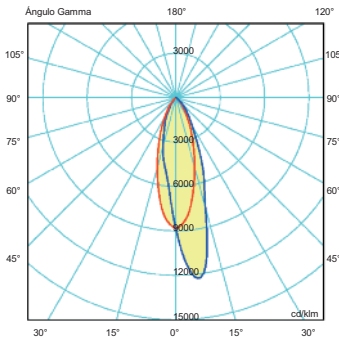


090

H (m)	D (m)	Max Lux	Med Lux
1.00	0.34	42870	22194
2.00	0.68	10717	5549
3.00	1.02	4763	2466
4.00	1.37	2679	1387
5.00	1.71	1715	888

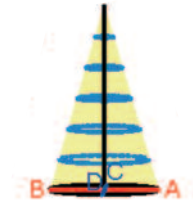


HIT-T 70w 38° $\eta=66,28\%$

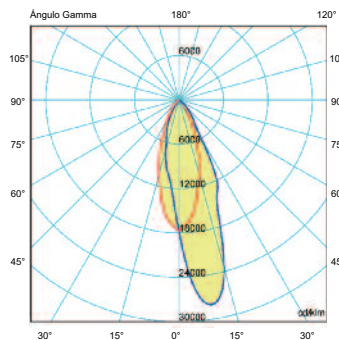


091

H (m)	D (m)	Max Lux	Med Lux
1.00	0.59	12009	5804
2.00	1.18	3002	1451
3.00	1.77	1334	645
4.00	2.36	751	363
5.00	2.95	480	232

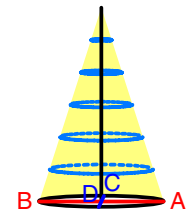


HIT-T 150W 38° $\eta= 68,92\%$



092

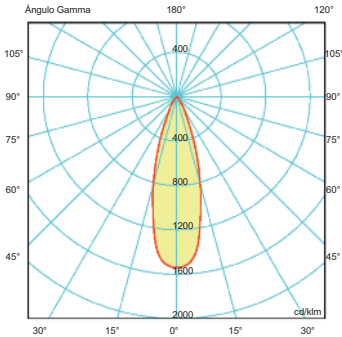
H (m)	D (m)	Max Lux	Med Lux
1.00	0.64	27101	11404
2.00	1.29	6775	2851
3.00	1.93	3011	1267
4.00	2.57	1694	713
5.00	3.22	1084	456



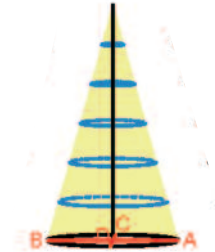
OLIMPO

CDM-Tm 20W 38° $\eta=53,51\%$

093

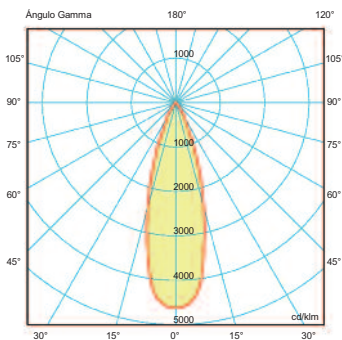


H (m)	D (m)	Max Lux	Med Lux
1.00	0.56	2488	1550
2.00	1.11	622	388
3.00	1.67	276	172
4.00	2.23	155	97
5.00	2.78	100	62

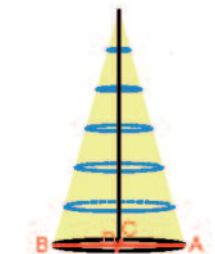


CDM-Tm 35W 38° $\eta=53,51\%$

094

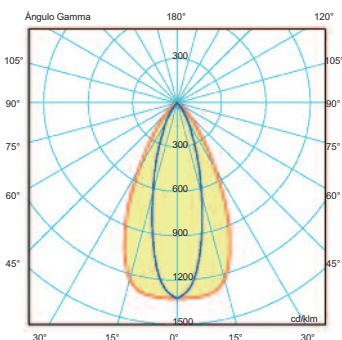


H (m)	D (m)	Max Lux	Med Lux
1.00	0.56	4621	2880
2.00	1.11	1155	720
3.00	1.67	513	320
4.00	2.23	289	180
5.00	2.78	185	115

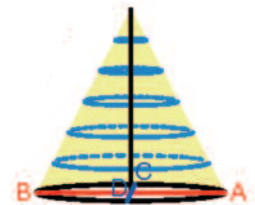


CDM-Tm 20w Oval $\eta=47,94\%$

095

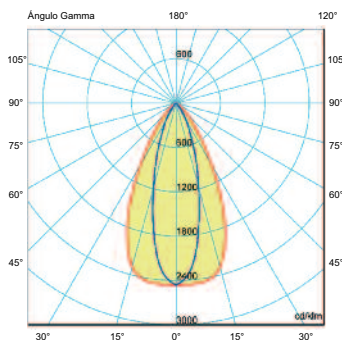


H (m)	D (m)	Max Lux	Med Lux
1.00	1.03	1325	802
2.00	2.06	331	201
3.00	3.08	147	89
4.00	4.11	83	50
5.00	5.14	53	32

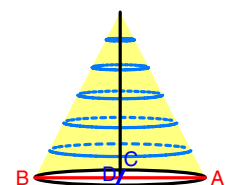


CDM-Tm 35w Oval $\eta=47,94\%$

096

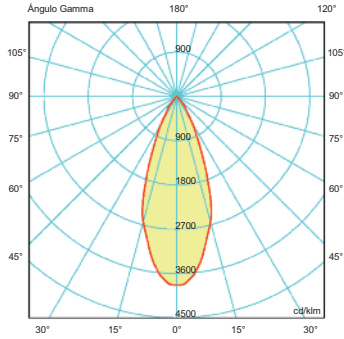


H (m)	D (m)	Max Lux	Med Lux
1.00	1.03	2461	1490
2.00	2.06	615	373
3.00	3.08	273	166
4.00	4.11	154	93
5.00	5.14	98	60

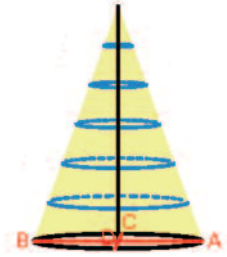


OLIMPO

HIT-T 35W 38° $\eta=56,59\%$

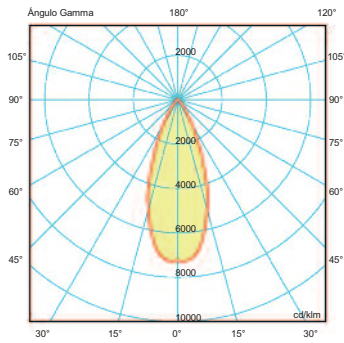


H (m)	D (m)	Max Lux	Med Lux
1.00	0.72	3835	2253
2.00	1.43	959	563
3.00	2.15	426	250
4.00	2.86	240	141
5.00	3.58	153	90

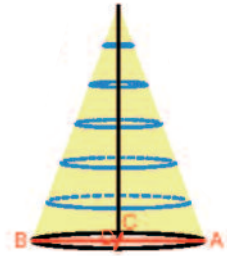


097

HIT-T 70W 38° $\eta=57,54\%$

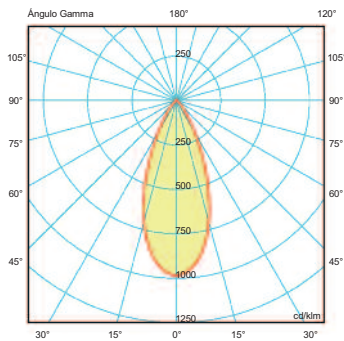


H (m)	D (m)	Max Lux	Med Lux
1.00	0.74	7272	4342
2.00	1.47	1818	1085
3.00	2.21	808	482
4.00	2.94	455	271
5.00	3.68	291	174



098

HIT-T 150W 38° $\eta=55,62\%$

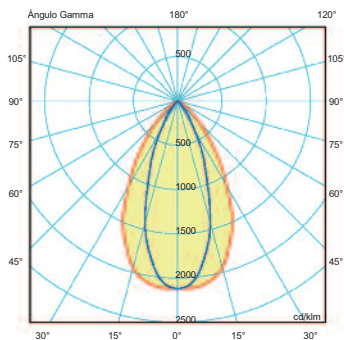


H (m)	D (m)	Max Lux	Med Lux
1.00	0.77	13803	8043
2.00	1.53	3451	2011
3.00	2.30	1534	894
4.00	3.06	863	503
5.00	3.83	552	322

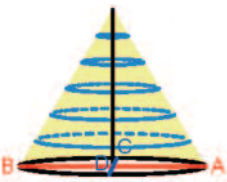


099

HIT-T 35W Oval $\eta=51,81\%$



H (m)	D (m)	Max Lux	Med Lux
1.00	1.19	2121	1237
2.00	2.38	530	309
3.00	3.57	236	137
4.00	4.75	133	77
5.00	5.94	85	49

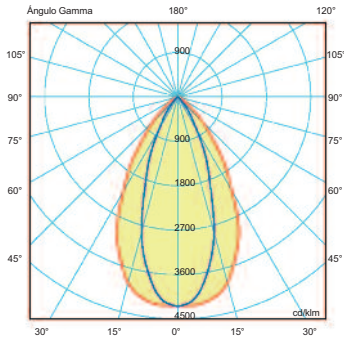


100

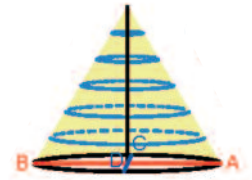
OLIMPO

HIT-T 70W Oval $\eta=51,81\%$

101

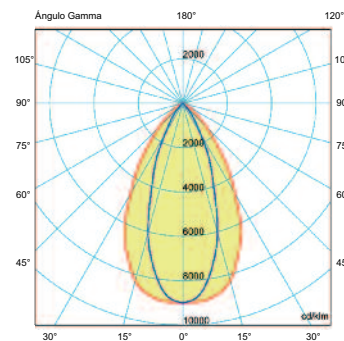


H (m)	D (m)	Max Lux	Med Lux
1.00	1.19	4242	2475
2.00	2.38	1060	619
3.00	3.57	471	275
4.00	4.75	265	155
5.00	5.94	170	99

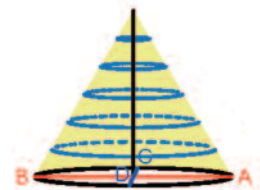


HIT-T 150W Oval $\eta=51,81\%$

102

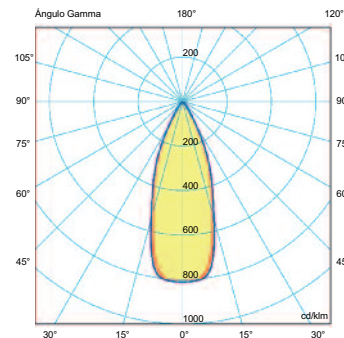


H (m)	D (m)	Max Lux	Med Lux
1.00	1.19	8997	5250
2.00	2.38	2249	1312
3.00	3.57	1000	583
4.00	4.75	562	328
5.00	5.94	360	210



SDW 50W

103

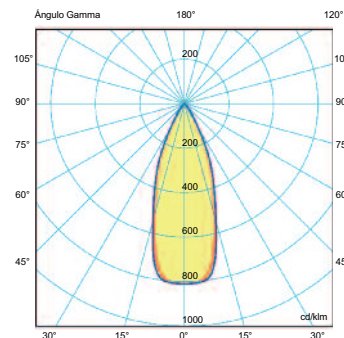


H (m)	D (m)	Max Lux	Med Lux
1.00	0.68	1952	1229
2.00	1.36	488	307
3.00	2.03	217	137
4.00	2.71	122	77
5.00	3.39	78	49

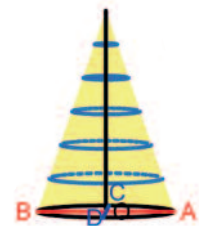


SDW 100W

104



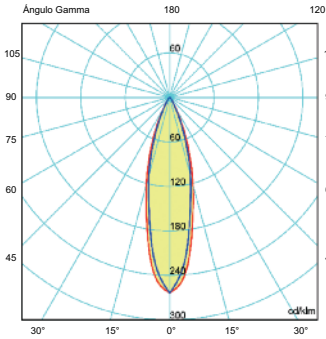
H (m)	D (m)	Max Lux	Med Lux
1.00	0.68	3985	2509
2.00	1.36	996	627
3.00	2.03	443	279
4.00	2.71	249	157
5.00	3.39	159	100



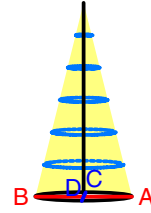
LEK

PowerLED 1 x 3W 45° $\eta=99,99\%$

105

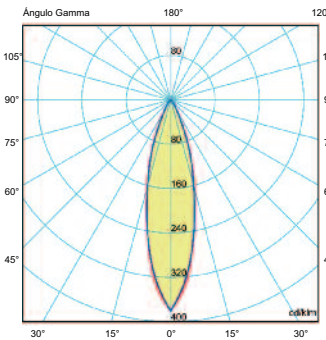


H (m)	D (m)	Max Lux	Med Lux
1.00	0.50	263	154
2.00	1.00	66	39
3.00	1.49	29	17
4.00	1.99	16	10
5.00	2.49	11	6

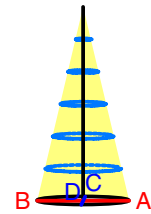


PowerLED 1 x 3W 45° $\eta=100\%$

106

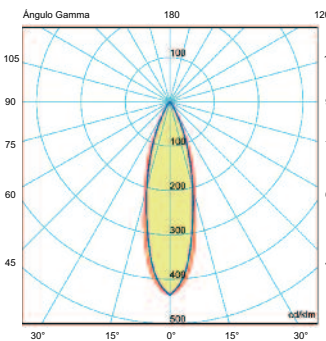


H (m)	D (m)	Max Lux	Med Lux
1.00	0.47	380	230
2.00	0.95	95	58
3.00	1.42	42	26
4.00	1.90	24	14
5.00	2.37	15	9

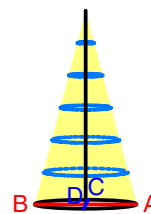


PowerLED 3 x 1W 45° $\eta=99,99\%$

107

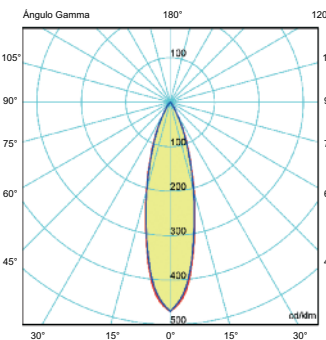


H (m)	D (m)	Max Lux	Med Lux
1.00	0.53	436	258
2.00	1.05	109	64
3.00	1.58	48	29
4.00	2.10	27	16
5.00	2.63	17	10

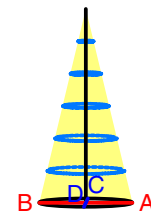


PowerLED 3 x 1W 45° $\eta=99,99\%$

108



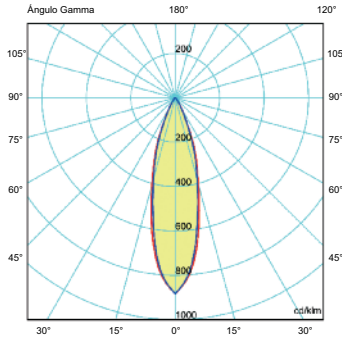
H (m)	D (m)	Max Lux	Med Lux
1.00	0.48	470	280
2.00	0.96	118	70
3.00	1.44	52	31
4.00	1.92	29	18
5.00	2.40	19	11



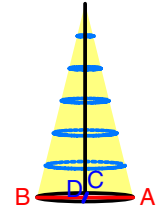
LEK

PowerLED 6 x 1W 45° $\eta=100\%$

109

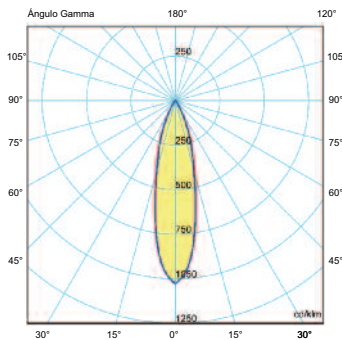


H (m)	D (m)	Max Lux	Med Lux
1.00	0.50	883	527
2.00	0.99	221	132
3.00	1.49	98	59
4.00	1.99	55	33
5.00	2.48	35	21

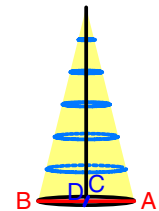


PowerLED 6 x 1W 45° $\eta=100\%$

110

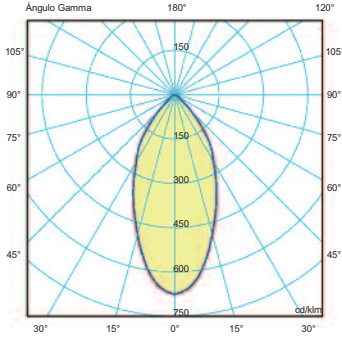


H (m)	D (m)	Max Lux	Med Lux
1.00	0.46	1029	627
2.00	0.93	257	157
3.00	1.39	114	70
4.00	1.86	64	39
5.00	2.32	41	25



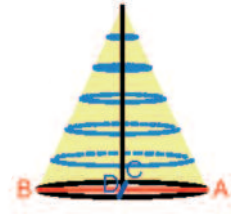
NECKAR

E27 1 x 60W $\eta=57,57\%$

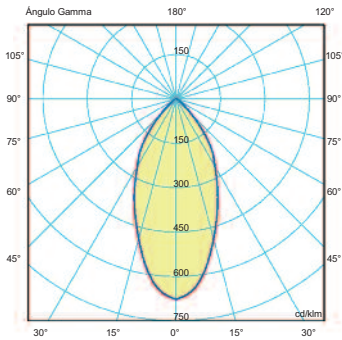


111

H (m)	D (m)	Max Lux	Med Lux
1.00	0.92	785	415
2.00	1.84	196	104
3.00	2.76	87	46
4.00	3.68	49	26
5.00	4.61	31	17

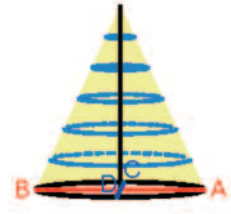


HIT-T 70W $\eta=57,57\%$

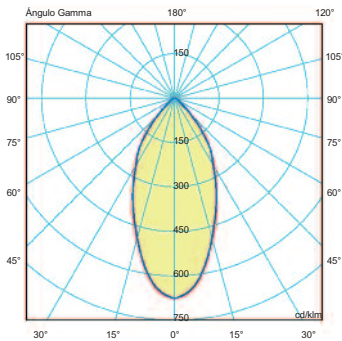


112

H (m)	D (m)	Max Lux	Med Lux
1.00	0.92	4465	2362
2.00	1.84	1116	591
3.00	2.76	496	262
4.00	3.68	279	148
5.00	4.61	179	94

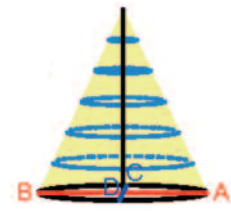


HIT-T 150W $\eta=57,57\%$



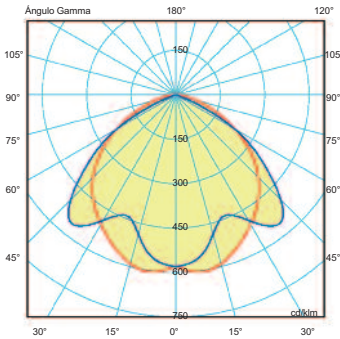
113

H (m)	D (m)	Max Lux	Med Lux
1.00	0.92	9471	5011
2.00	1.84	2368	1253
3.00	2.76	1052	557
4.00	3.68	592	313
5.00	4.61	379	200

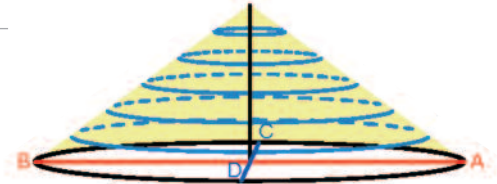


ORE

1 x T5 54W $\eta=33,99\%$

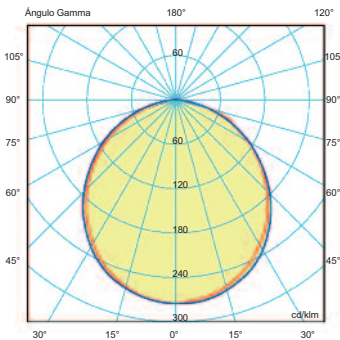


H (m)	D (m)	Max Lux	Med Lux
1.00	2.75	591	147
2.00	5.50	148	37
3.00	8.25	66	16
4.00	11.00	37	9
5.00	13.75	24	6

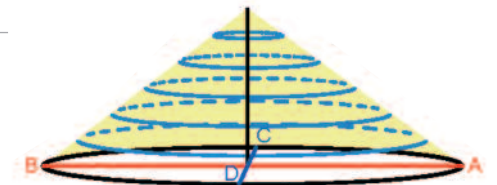


114

1 x T5 54W $\eta=72,13\%$

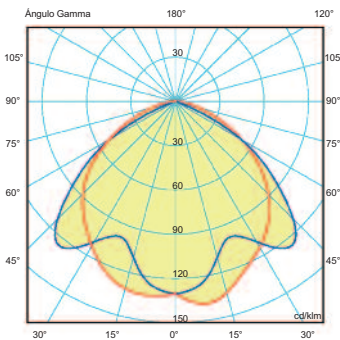


H (m)	D (m)	Max Lux	Med Lux
1.00	2.68	1223	322
2.00	5.36	306	80
3.00	8.04	136	36
4.00	10.72	76	20
5.00	13.40	49	13

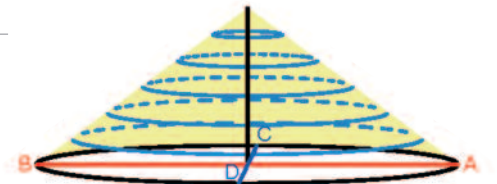


115

1 x T5 54W $\eta=33,99\%$

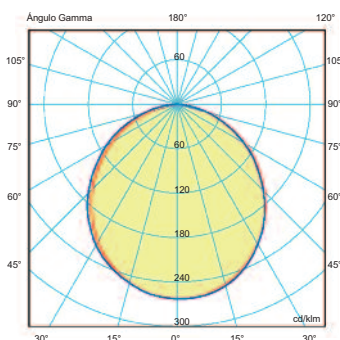


H (m)	D (m)	Max Lux	Med Lux
1.00	2.69	601	151
2.00	5.39	150	38
3.00	8.08	67	17
4.00	10.77	38	9
5.00	13.46	24	6

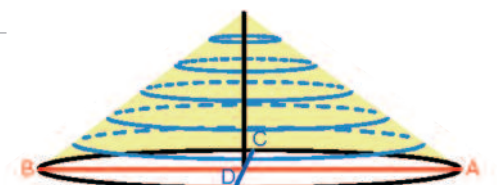


116

2 x T5 54W $\eta=68,60\%$



H (m)	D (m)	Max Lux	Med Lux
1.00	2.69	2337	616
2.00	5.39	584	154
3.00	8.08	260	68
4.00	10.77	146	38
5.00	13.46	93	25

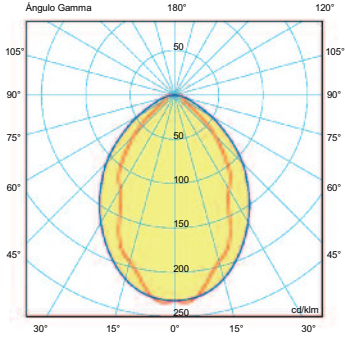


117

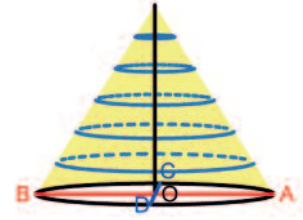
ORE

1 x T5 54W antideslumbrante

118



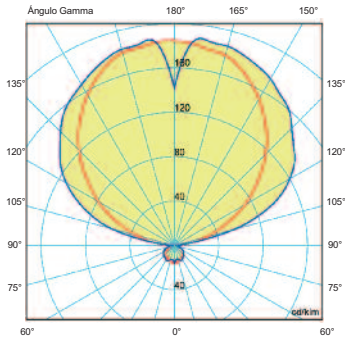
H (m)	D (m)	Max Lux	Med Lux
1.00	1.26	1039	423
2.00	2.52	260	106
3.00	3.77	115	47
4.00	5.03	65	26
5.00	6.29	42	17



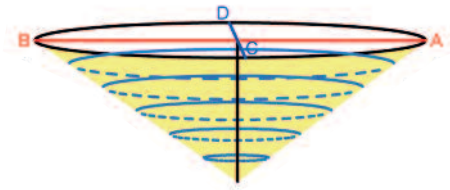
MOTIVE

2 x T5 54W suspensión $\eta=66,67\%$

119

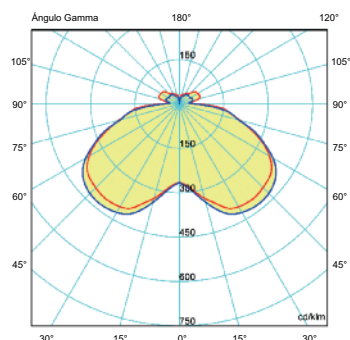


H (m)	D (m)	Max Lux	Med Lux
1.00	13.87	64	12
2.00	11.09	101	19
3.00	8.32	179	34
4.00	5.55	403	77
5.00	2.77	1611	308

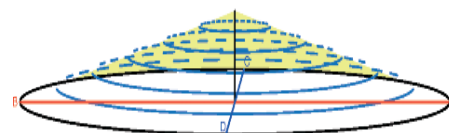


NITRO

E27 1 x 60W $\eta=55,42\%$

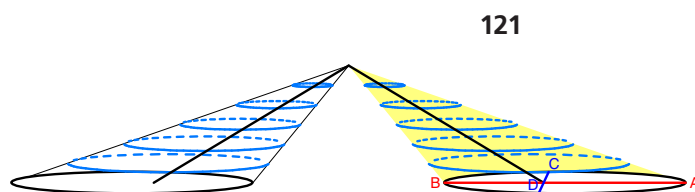
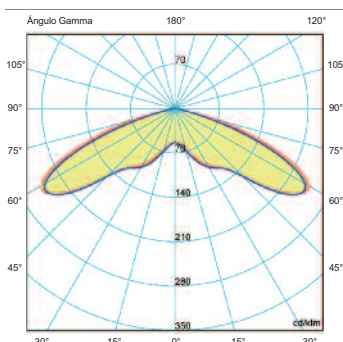


H (m)	D (m)	Max Lux	Med Lux
1.00	7.99	316	27
2.00	15.99	79	7
3.00	23.98	35	3
4.00	31.98	20	2
5.00	39.97	13	1



OLEO

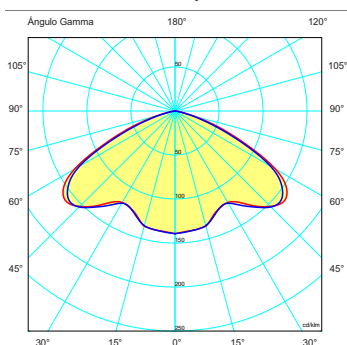
E27 1 x 60W $\eta=72,24\%$



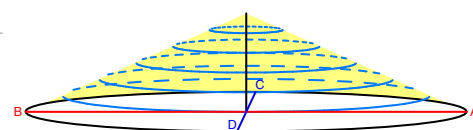
H (m)	D (m)	Max Lux	Med Lux
1.00	2.06	228	73
2.00	4.12	57	18
3.00	6.18	25	8
4.00	8.24	14	5
5.00	10.30	9	3

TIMBAL

E40 1 x 400W $\eta=54,70\%$

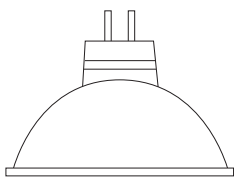


H (m)	D (m)	Max Lux	Med Lux
1.00	4.48	4736	878
2.00	8.97	1184	219
3.00	13.45	526	98
4.00	17.93	296	55
5.00	22.42	189	35



Halógenas Halogen Halogènes

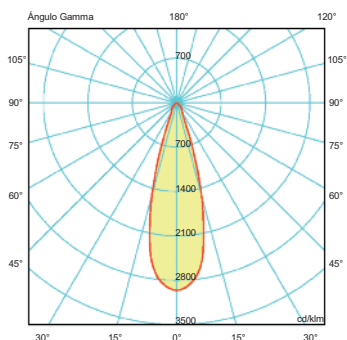
QR-CB51 MASTERLINE ES Philips



QR-CB51 20W 36° MASTERLine ES 3000K

Ref. 97100020

123



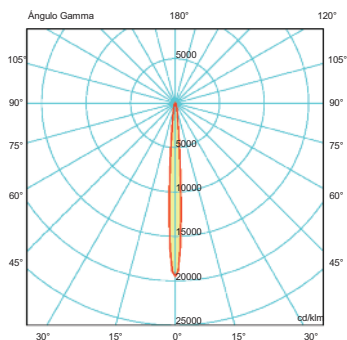
H (m)	D (m)	Max Lux	Med Lux
1.00	0.54	1006	638
2.00	1.08	252	160
3.00	1.63	112	71
4.00	2.17	63	40
5.00	2.71	40	26



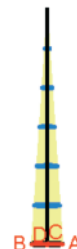
QR-CB51 30W 8° MASTERLine ES 3000K

Ref.97100030

124



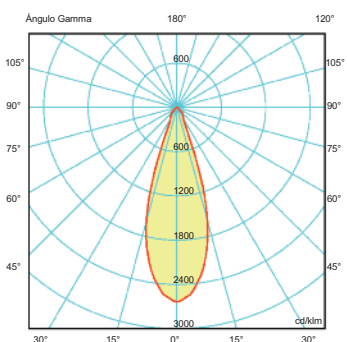
H (m)	D (m)	Max Lux	Med Lux
1.00	0.13	11001	7187
2.00	0.26	2750	1797
3.00	0.40	1222	799
4.00	0.53	688	449
5.00	0.66	440	287



QR-CB51 30W 36° MASTERLine ES 3000K

Ref.97101030

125



H (m)	D (m)	Max Lux	Med Lux
1.00	0.61	1608	976
2.00	1.22	402	244
3.00	1.83	179	108
4.00	2.43	100	61
5.00	3.04	64	39



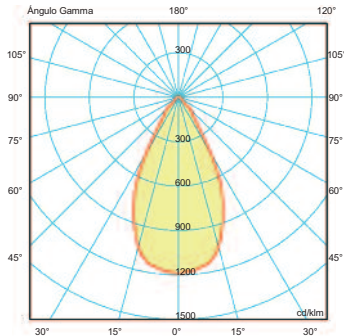
Halógenas Halogen Halogènes

QR-CB51 MASTERLINE ES Philips

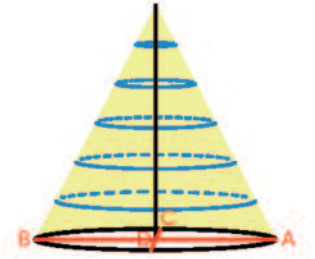
QR-CB51 30W 60° MASTERLine ES 3000K

Ref.97102030

126



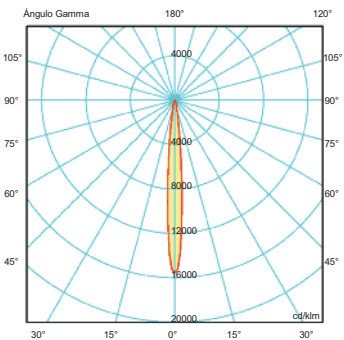
H (m)	D (m)	Max Lux	Med Lux
1.00	1.02	750	414
2.00	2.04	188	104
3.00	3.06	83	46
4.00	4.09	47	26
5.00	5.11	30	17



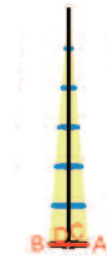
QR-CB51 45W 8° MASTERLine ES 3000K

Ref. 97100045

127



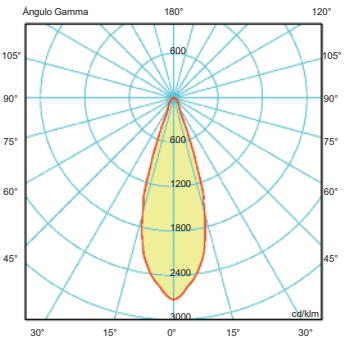
H (m)	D (m)	Max Lux	Med Lux
1.00	0.16	16007	10332
2.00	0.33	4002	2583
3.00	0.49	1779	1148
4.00	0.66	1000	646
5.00	0.82	640	413



QR-CB51 45W 36° MASTERLine ES 3000K

Ref. 97101045

128



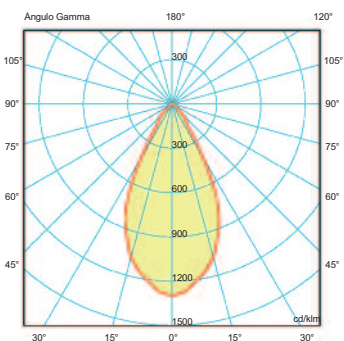
H (m)	D (m)	Max Lux	Med Lux
1.00	0.62	2892	1720
2.00	1.23	723	430
3.00	1.85	321	191
4.00	2.46	181	107
5.00	3.08	116	69



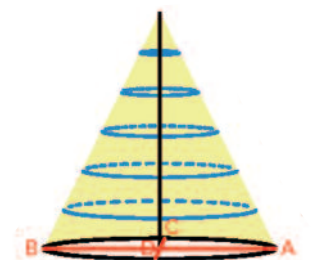
QR-CB51 45W 60° MASTERLine ES 3000K

Ref. 97102045

129

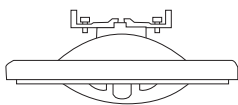


H (m)	D (m)	Max Lux	Med Lux
1.00	0.99	1400	764
2.00	1.98	350	191
3.00	2.96	156	85
4.00	3.95	88	48
5.00	4.94	56	31



Halógenas Halogen Halogènes

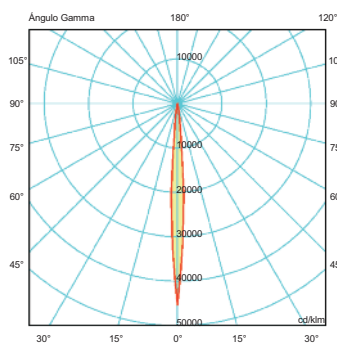
QR-111 ALULine PRO Philips



QR-111 50W 8° Aluline PRO 3000K

Ref.97110050

130



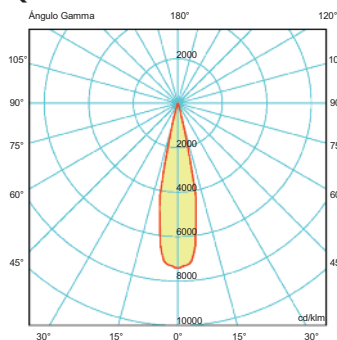
H (m)	D (m)	Max Lux	Med Lux
1.00	0.12	23091	13934
2.00	0.25	5773	3483
3.00	0.37	2566	1548
4.00	0.50	1443	871
5.00	0.62	924	557



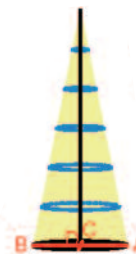
QR-111 50W 24° Aluline PRO 3000K

Ref. 97111050

131



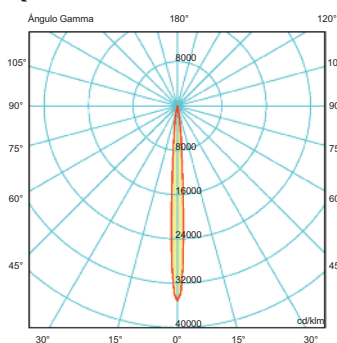
H (m)	D (m)	Max Lux	Med Lux
1.00	0.40	4007	2606
2.00	0.80	1002	651
3.00	1.21	445	290
4.00	1.61	250	163
5.00	2.01	160	104



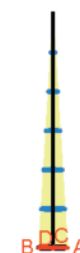
QR-111 75W 8° Aluline PRO 3000K

Ref. 97110075

132



H (m)	D (m)	Max Lux	Med Lux
1.00	0.12	29894	19611
2.00	0.25	7474	4903
3.00	0.37	3322	2179
4.00	0.49	1868	1226
5.00	0.62	1196	784



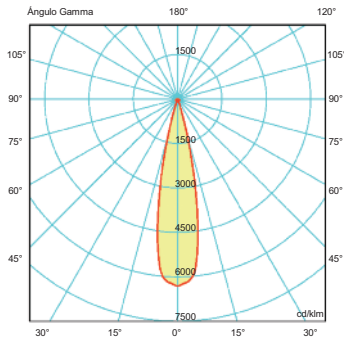
Halógenas Halogen Halogènes

QR-111 ALULine PRO Philips

QR-111 75W 24° Aluline PRO 3000K

Ref. 97111075

133



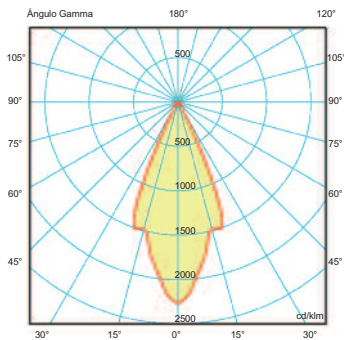
H (m)	D (m)	Max Lux	Med Lux
1.00	0.39	5306	3507
2.00	0.79	1327	877
3.00	1.18	590	390
4.00	1.57	332	219
5.00	1.97	212	140



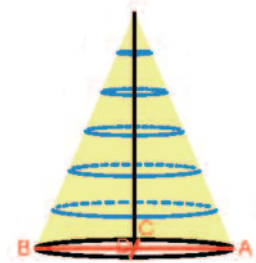
QR-111 75W 45° Aluline PRO 3000K

Ref. 97112075

134



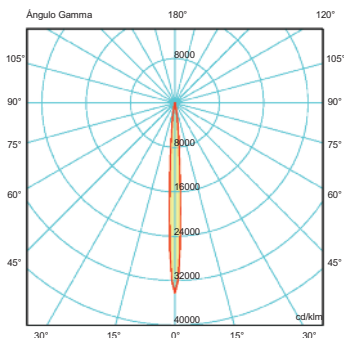
H (m)	D (m)	Max Lux	Med Lux
1.00	0.84	1903	993
2.00	1.68	476	248
3.00	2.51	211	110
4.00	3.35	119	62
5.00	4.19	76	40



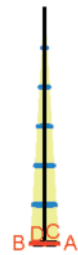
QR-111 100W 8° Aluline PRO 3000K

Ref. 97110100

135



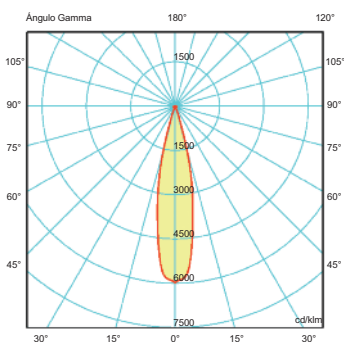
H (m)	D (m)	Max Lux	Med Lux
1.00	0.12	47829	30695
2.00	0.24	11957	7674
3.00	0.36	5314	3411
4.00	0.48	2989	1918
5.00	0.59	1913	1228



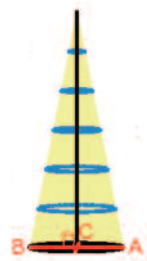
QR-111 100W 24° Aluline PRO 3000K

Ref.97111100

136



H (m)	D (m)	Max Lux	Med Lux
1.00	0.40	8482	5404
2.00	0.80	2120	1351
3.00	1.20	942	600
4.00	1.59	530	338
5.00	1.99	339	216



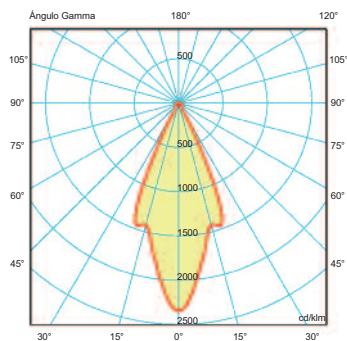
Halógenas Halogen Halogènes

QR-111 ALULine PRO Philips

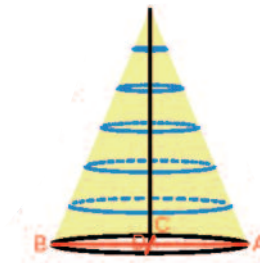
QR-111 100W 45° Aluline PRO 3000K

Ref.97112100

137

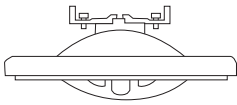


H (m)	D (m)	Max Lux	Med Lux
1.00	0.83	2793	1403
2.00	1.66	698	351
3.00	2.49	310	156
4.00	3.32	175	88
5.00	4.15	112	56



Halógenas Halogen Halogènes

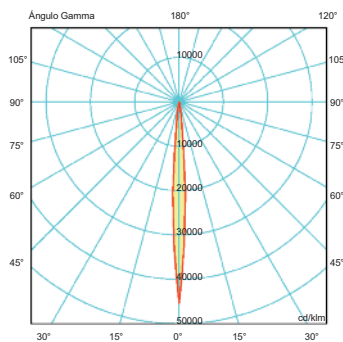
QR-111 MASTERLine Philips



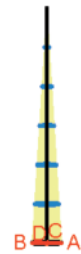
QR-111 30W 8° Masterline 3000K

Ref. 97110030

138



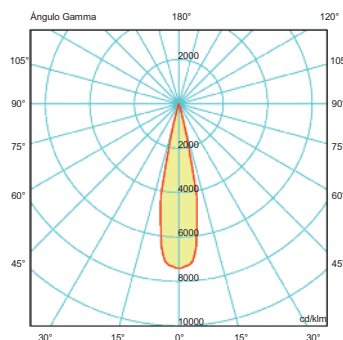
H (m)	D (m)	Max Lux	Med Lux
1.00	0.12	23091	13934
2.00	0.25	5773	3483
3.00	0.37	2566	1548
4.00	0.50	1443	871
5.00	0.62	924	557



QR-111 30W 24° Masterline 3000K

Ref. 97111030

139



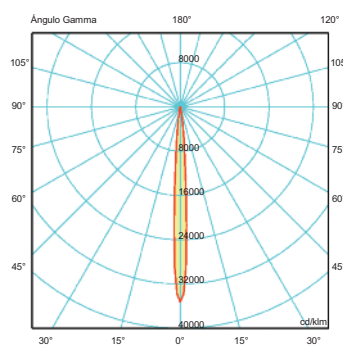
H (m)	D (m)	Max Lux	Med Lux
1.00	0.40	4007	2606
2.00	0.80	1002	651
3.00	1.21	445	290
4.00	1.61	250	163
5.00	2.01	160	104



QR-111 45W 8° Masterline 3000K

Ref. 97110045

140



H (m)	D (m)	Max Lux	Med Lux
1.00	0.12	29894	19611
2.00	0.25	7474	4903
3.00	0.37	3322	2179
4.00	0.49	1868	1226
5.00	0.62	1196	784



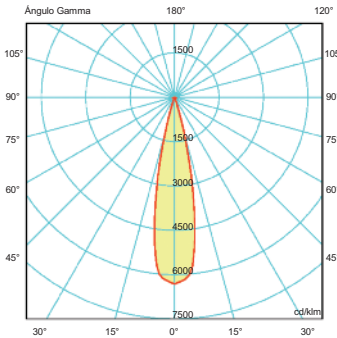
Halógenas Halogen Halogènes

QR-111 MASTERLine Philips

QR-111 45W 24° Masterline 3000K

Ref. 97111045

141



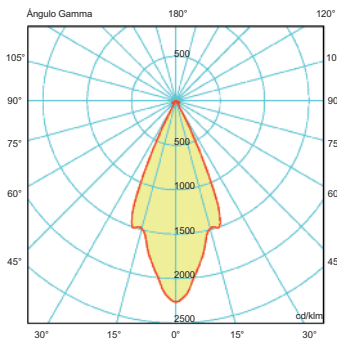
H (m)	D (m)	Max Lux	Med Lux
1.00	0.39	5306	3507
2.00	0.79	1327	877
3.00	1.18	590	390
4.00	1.57	332	219
5.00	1.97	212	140



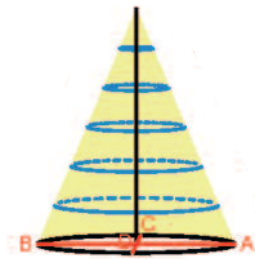
QR-111 45W 45° Masterline 3000K

Ref. 97112045

142



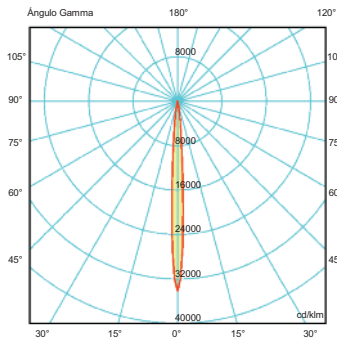
H (m)	D (m)	Max Lux	Med Lux
1.00	0.84	1903	993
2.00	1.68	476	248
3.00	2.51	211	110
4.00	3.35	119	62
5.00	4.19	76	40



QR-111 60W 8° Masterline 3000K

Ref. 97110060

143



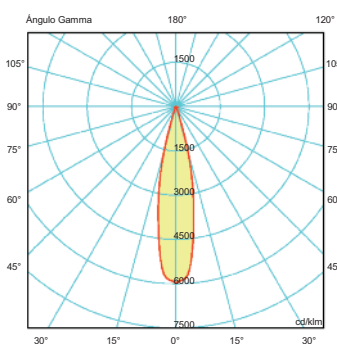
H (m)	D (m)	Max Lux	Med Lux
1.00	0.12	47829	30695
2.00	0.24	11957	7674
3.00	0.36	5314	3411
4.00	0.48	2989	1918
5.00	0.59	1913	1228



QR-111 60W 24° Masterline 3000K

Ref. 97111060

144



H (m)	D (m)	Max Lux	Med Lux
1.00	0.40	8482	5404
2.00	0.80	2120	1351
3.00	1.20	942	600
4.00	1.59	530	338
5.00	1.99	339	216



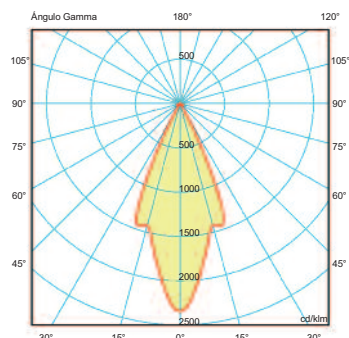
Halógenas Halogen Halogènes

QR-111 MASTERLine Philips

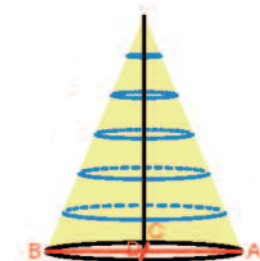
QR-111 60W 45° Masterline 3000K

Ref. 97112060

145

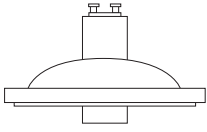


H (m)	D (m)	Max Lux	Med Lux
1.00	0.83	2793	1403
2.00	1.66	698	351
3.00	2.49	310	156
4.00	3.32	175	88
5.00	4.15	112	56



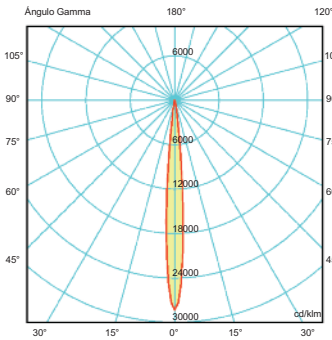
Descarga Discharge Décharge

CDM-R111 MASTERC Philips



CDM-R111 20W 10° MASTERC 3000K Ref. 97311020

146

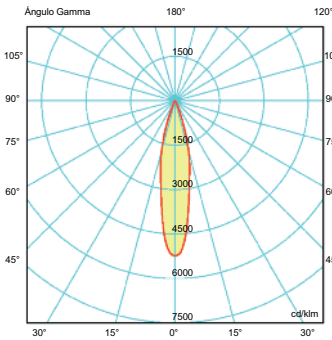


H (m)	D (m)	Max Lux	Med Lux
1.00	0.16	21218	13692
2.00	0.31	5304	3423
3.00	0.47	2358	1521
4.00	0.63	1326	856
5.00	0.78	849	548



CDM-R111 20W 24° MASTERC 3000K Ref. 97312020

147

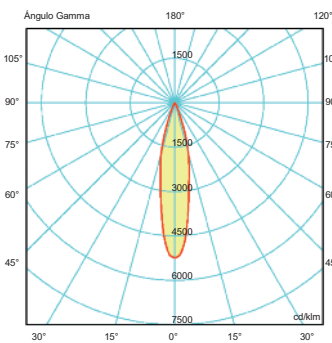


H (m)	D (m)	Max Lux	Med Lux
1.00	0.38	2620	1630
2.00	0.75	655	408
3.00	1.13	291	181
4.00	1.51	164	102
5.00	1.88	105	65



CDM-R111 35W 24° MASTERC 3000K Ref. 97312035

148



H (m)	D (m)	Max Lux	Med Lux
1.00	0.38	7075	4401
2.00	0.75	1769	1100
3.00	1.13	786	489
4.00	1.51	442	275
5.00	1.88	283	176



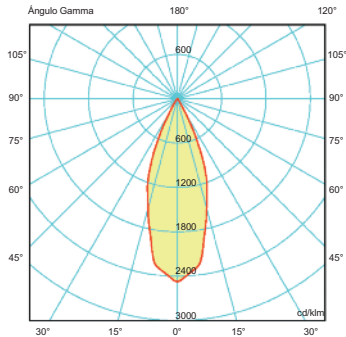
Descarga Discharge Décharge

CDM-R111 MASTERC Philips

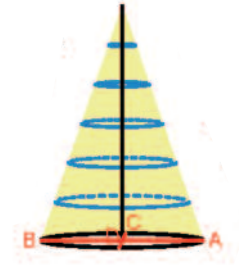
CDM-R111 35W 40° MASTERC 3000K

Ref. 97313035

149

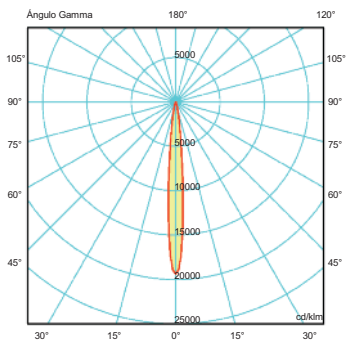


H (m)	D (m)	Max Lux	Med Lux
1.00	0.69	3338	1930
2.00	1.38	834	483
3.00	2.07	371	214
4.00	2.76	209	121
5.00	3.45	134	77

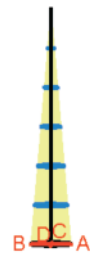


CDM-R111 70W 24° MASTERC 3000K Ref. 97312070

150



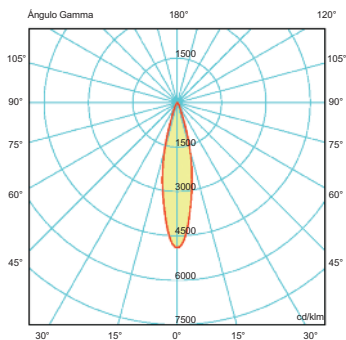
H (m)	D (m)	Max Lux	Med Lux
1.00	0.17	48419	31289
2.00	0.34	12105	7822
3.00	0.51	5380	3477
4.00	0.68	3026	1956
5.00	0.85	1937	1252



CDM-R111 70W 40° MASTERC 3000K

Ref. 97313070

151



H (m)	D (m)	Max Lux	Med Lux
1.00	0.42	13953	8497
2.00	0.83	3488	2124
3.00	1.25	1550	944
4.00	1.66	872	531
5.00	2.08	558	340



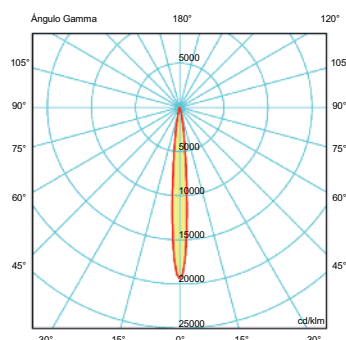
Descarga Discharge Décharge

CDM-R111 MASTERC Philips

CDM-R111 70W 10° MASTERC 4200K

Ref. 97318070

155

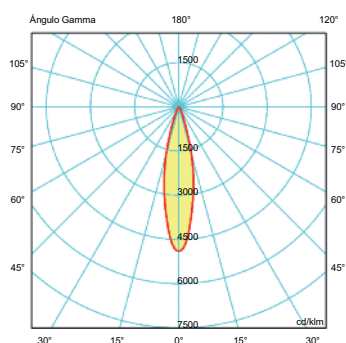


H (m)	D (m)	Max Lux	Med Lux
1.00	0.17	48418	24425
2.00	0.34	12105	6106
3.00	0.50	5380	2714
4.00	0.67	3026	1527
5.00	0.84	1937	977

CDM-R111 70W 24° MASTERC 4200K

Ref. 97319070

156

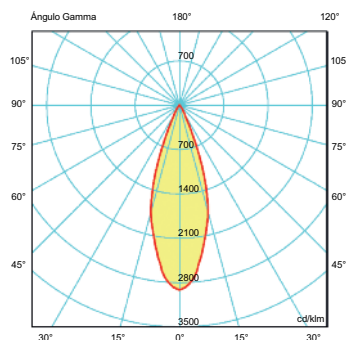


H (m)	D (m)	Max Lux	Med Lux
1.00	0.41	13947	6576
2.00	0.83	3487	1644
3.00	1.24	1550	731
4.00	1.66	872	411
5.00	2.07	558	263

CDM-R111 70W 40° MASTERC 4200K

Ref. 97320070

157



H (m)	D (m)	Max Lux	Med Lux
1.00	0.62	8300	3648
2.00	1.24	2075	912
3.00	1.86	922	405
4.00	2.48	519	228
5.00	3.10	332	146

Fluorescencia Fluorescent Fluorescence

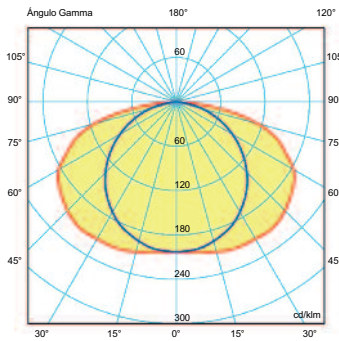
MASTER TL-D ECO T8 Philips



T8 16W 3000K MASTER TL-D

Ref. 97400016

158

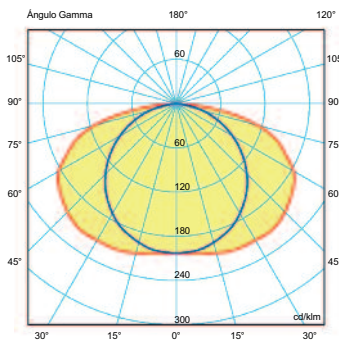


H (m)	D (m)	Max Lux	Med Lux
1.00	7.85	274	25
2.00	15.69	69	6
3.00	23.54	30	3
4.00	31.39	17	2
5.00	39.23	11	1

T8 16W 4000K MASTER TL-D

Ref. 97401016

159

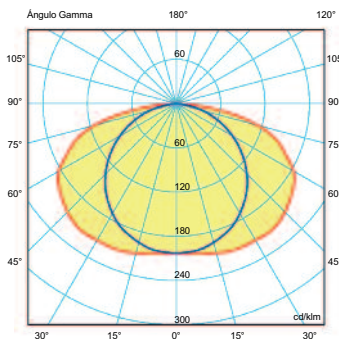


H (m)	D (m)	Max Lux	Med Lux
1.00	7.85	274	25
2.00	15.69	69	6
3.00	23.54	30	3
4.00	31.39	17	2
5.00	39.23	11	1

T8 16W 6500K MASTER TL-D

Ref. 97402016

160



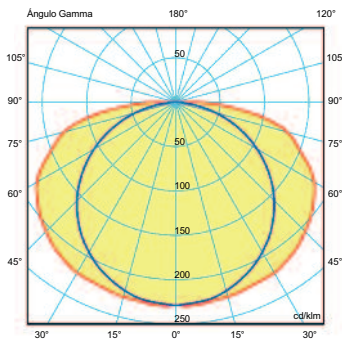
H (m)	D (m)	Max Lux	Med Lux
1.00	7.85	264	24
2.00	15.69	66	6
3.00	23.54	29	3
4.00	31.39	16	1
5.00	39.23	11	1

Fluorescencia Fluorescent Fluorescence MASTER TL-D ECO T8 Philips

T8 32W 3000K MASTER TL-D ECO

Ref. 97400032

161

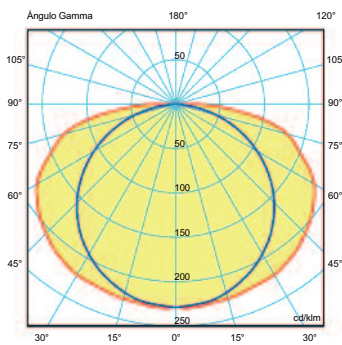


H (m)	D (m)	Max Lux	Med Lux
1.00	8.95	767	59
2.00	17.89	192	15
3.00	26.84	85	7
4.00	35.79	48	4
5.00	44.74	31	2

T8 32W 4000K MASTER TL-D ECO

Ref. 97401032

162

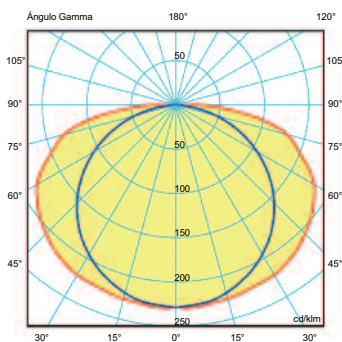


H (m)	D (m)	Max Lux	Med Lux
1.00	8.95	767	59
2.00	17.89	192	15
3.00	26.84	85	7
4.00	35.79	48	4
5.00	44.74	31	2

T8 32W 6500K MASTER TL-D ECO

Ref. 97402032

163



H (m)	D (m)	Max Lux	Med Lux
1.00	8.95	744	57
2.00	17.89	186	14
3.00	26.84	83	6
4.00	35.79	47	4
5.00	44.74	30	2

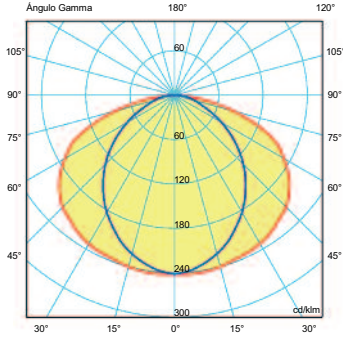
Fluorescencia Fluorescent Fluorescence

MASTER TL-D ECO T8 Philips

T8 51W 3000K MASTER TL-D ECO

Ref. 97400051

164

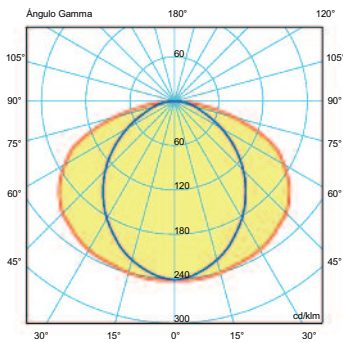


H (m)	D (m)	Max Lux	Med Lux
1.00	5.41	1258	191
2.00	10.81	315	48
3.00	16.22	140	21
4.00	21.63	79	12
5.00	27.03	50	8

T8 51W 4000K MASTER TL-D ECO

Ref. 97401051

165

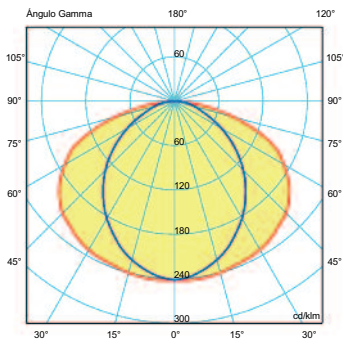


H (m)	D (m)	Max Lux	Med Lux
1.00	5.41	1258	191
2.00	10.81	315	48
3.00	16.22	140	21
4.00	21.63	79	12
5.00	27.03	50	8

T8 51W 6500K MASTER TL-D ECO

Ref. 97402051

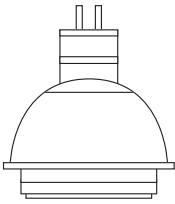
166



H (m)	D (m)	Max Lux	Med Lux
1.00	5.41	1210	184
2.00	10.81	303	46
3.00	16.22	134	20
4.00	21.63	76	11
5.00	27.03	48	7

LED LED LED

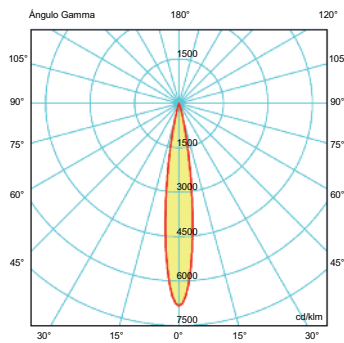
QR-CB511 LEDSPOT Philips



QR-CB51 10W 2700K 15° LEDSPOT

Ref. 97541000

167

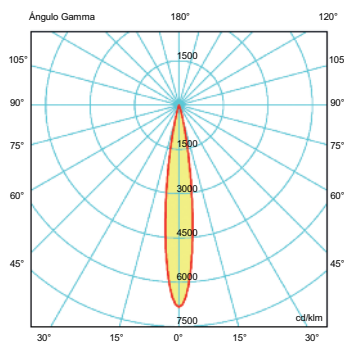


H (m)	D (m)	Max Lux	Med Lux
1.00	0.26	4100	2000
2.00	0.53	1025	500
3.00	0.79	456	222
4.00	1.05	256	125
5.00	1.32	164	80

QR-CB51 10W 3000K 15° LEDSPOT

Ref. 97541010

168

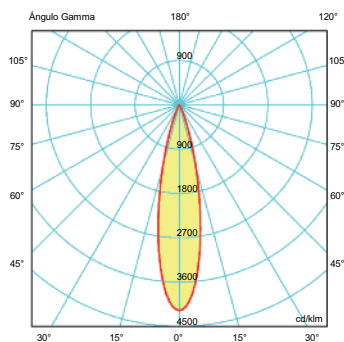


H (m)	D (m)	Max Lux	Med Lux
1.00	0.26	4200	2049
2.00	0.53	1050	512
3.00	0.79	467	228
4.00	1.05	263	128
5.00	1.32	168	82

QR-CB51 10W 2700K 24° LEDSPOT

Ref. 97551000

169



H (m)	D (m)	Max Lux	Med Lux
1.00	0.41	1880	885
2.00	0.81	470	221
3.00	1.22	209	98
4.00	1.63	118	55
5.00	2.03	75	35

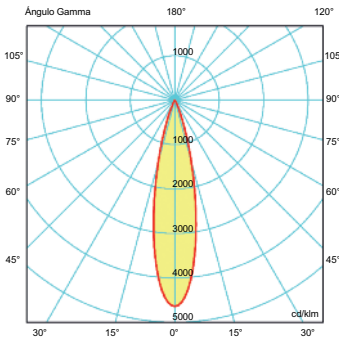
LED LED LED

QR-CB511 LEDSPOT Philips

QR-CB51 10W 3000K 24° LEDSPOT

Ref. 97551010

170

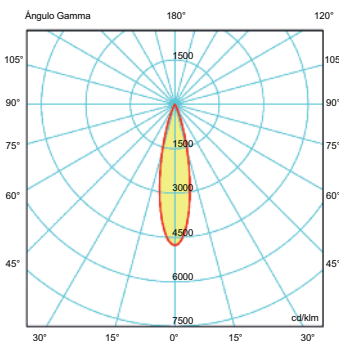


H (m)	D (m)	Max Lux	Med Lux
1.00	0.43	1760	824
2.00	0.85	440	206
3.00	1.28	196	92
4.00	1.70	110	51
5.00	2.13	70	33

QR-CB51 10W 4000K 24° LEDSPOT

Ref. 97551020

171

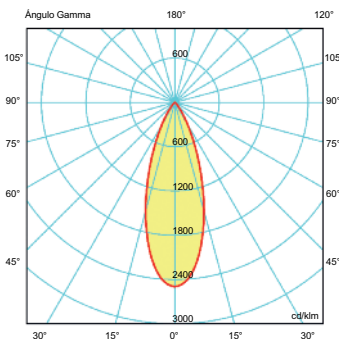


H (m)	D (m)	Max Lux	Med Lux
1.00	0.43	2000	936
2.00	0.85	500	234
3.00	1.28	222	104
4.00	1.70	125	58
5.00	2.13	80	37

QR-CB51 10W 2700K 36° LEDSPOT

Ref. 97561000

172

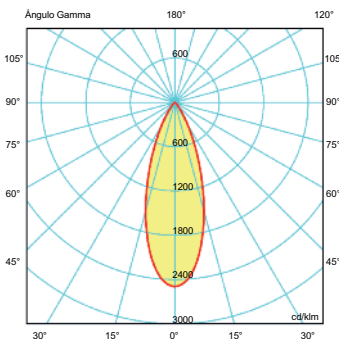


H (m)	D (m)	Max Lux	Med Lux
1.00	0.64	960	417
2.00	1.28	240	104
3.00	1.91	107	46
4.00	2.55	60	26
5.00	3.19	38	17

QR-CB51 10W 3000K 36° LEDSPOT

Ref. 97561010

173



H (m)	D (m)	Max Lux	Med Lux
1.00	0.64	1010	438
2.00	1.28	252	110
3.00	1.91	112	49
4.00	2.55	63	27
5.00	3.19	40	18

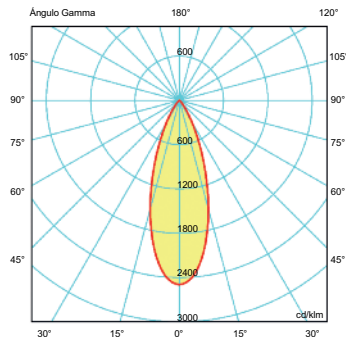
LED LED LED

QR-CB511 LEDSPOT Philips

QR-CB51 10W 4000K 36° LEDSPOT

Ref. 97561020

174

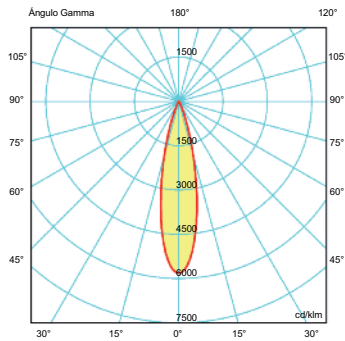


H (m)	D (m)	Max Lux	Med Lux
1.00	0.64	1020	443
2.00	1.28	255	111
3.00	1.91	113	49
4.00	2.55	64	28
5.00	3.19	41	18

LED LED LED

QR-111 MASTER LEDSPOT Philips

QR-111 10W 2700K 24° LEDSPOT



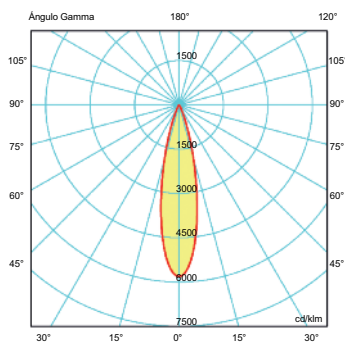
Ref. 97551100

175

Ref. 97651100

H (m)	D (m)	Max Lux	Med Lux
1.00	0.41	3200	1512
2.00	0.83	800	378
3.00	1.24	356	168
4.00	1.66	200	94
5.00	2.07	128	60

QR-111 10W 3000K 24° LEDSPOT



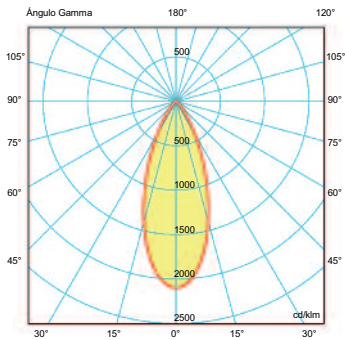
Ref. 97551110

176

Ref. 97651110

H (m)	D (m)	Max Lux	Med Lux
1.00	0.41	3370	1592
2.00	0.83	843	398
3.00	1.24	374	177
4.00	1.66	211	100
5.00	2.07	135	64

QR-111 10W 2700K 40° LEDSPOT



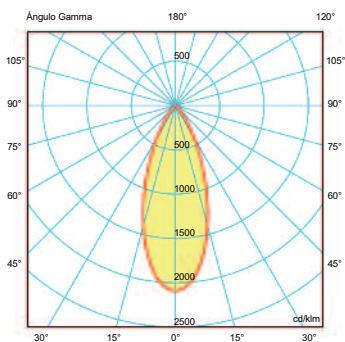
Ref. 97571100

177

Ref. 97671100

H (m)	D (m)	Max Lux	Med Lux
1.00	0.72	1090	456
2.00	1.43	273	114
3.00	2.15	121	51
4.00	2.86	68	29
5.00	3.58	44	18

QR-111 10W 3000K 40° LEDSPOT



Ref. 97571110

178

Ref. 97671110

H (m)	D (m)	Max Lux	Med Lux
1.00	0.72	1150	482
2.00	1.43	288	120
3.00	2.15	128	54
4.00	2.86	72	30
5.00	3.58	46	19

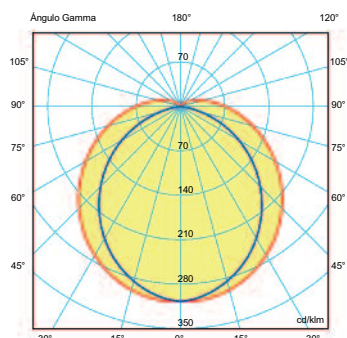
LED LED LED

T8 MASTER LED TUBE Philips

T8 11W 4000K MASTER LED TUBE

Ref. 97502011

179

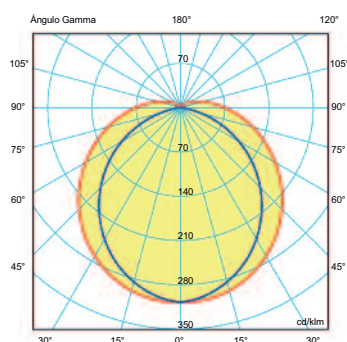


H (m)	D (m)	Max Lux	Med Lux
1.00	4.33	254	33
2.00	4.66	63	8
3.00	12.99	28	4
4.00	17.31	16	2
5.00	21.64	10	1

T8 11W 6500K MASTER LED TUBE

Ref. 97503011

180

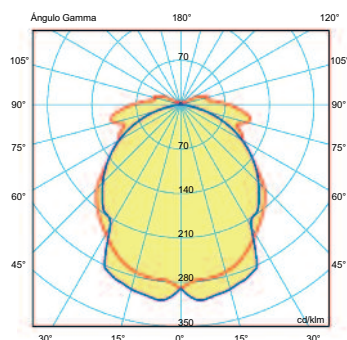


H (m)	D (m)	Max Lux	Med Lux
1.00	3.83	263	34
2.00	7.65	66	8
3.00	11.48	29	4
4.00	15.30	16	2
5.00	19.13	11	1

T8 22W 4000K MASTER LED TUBE

Ref. 97502022

181

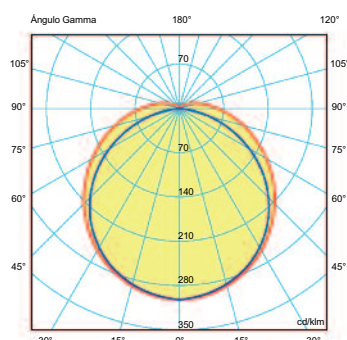


H (m)	D (m)	Max Lux	Med Lux
1.00	3.76	490	42
2.00	7.52	120	10
3.00	11.28	51	4
4.00	15.05	29	3
5.00	18.81	20	2

T8 22W 6500K MASTER LED TUBE

Ref. 97503022

182



H (m)	D (m)	Max Lux	Med Lux
1.00	3.76	499	47
2.00	7.52	125	12
3.00	11.28	55	5
4.00	15.05	31	3
5.00	18.81	20	2

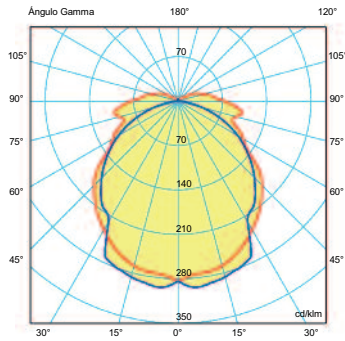
LED LED LED

T8 MASTER LED TUBE Philips

T8 25W 4000K MASTER LED TUBE

Ref. 97502025

183

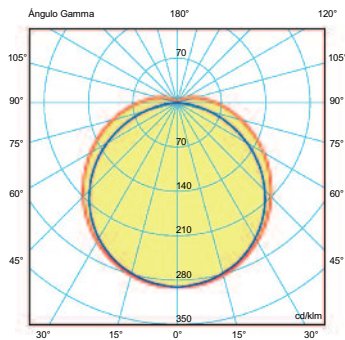


H (m)	D (m)	Max Lux	Med Lux
1.00	3.96	550	45
2.00	7.92	132	10
3.00	11.88	60	4
4.00	15.84	34	3
5.00	19.80	21	2

T8 25W 6500K MASTER LED TUBE

Ref. 97503025

184



H (m)	D (m)	Max Lux	Med Lux
1.00	3.96	554	48
2.00	7.92	138	12
3.00	11.88	62	5
4.00	15.84	35	3
5.00	19.80	22	2



HOME | HOGAR | INTERIEUR

Essential lighting

Amplio abanico de luminarias que ofrecen soluciones funcionales y adaptables a cualquier estilo decorativo (clásico, actual, rústico, elegante) y a cualquier aplicación (iluminación para dormitorios, salones, cocinas, baños y zonas de paso).

Wide range of light fixtures that offer functional solutions, adaptable to any decorative style (classical, contemporary, rustic, elegant) and any application (lighting for bedrooms, living rooms, kitchens, bathrooms and hallways).

Une vaste gamme de luminaires qui offrent des solutions fonctionnelles et adaptables à tous les styles de décoration (classique, moderne, rustique, élégante) et à toutes les applications (éclairage pour chambres, salons, cuisines, salles de bain et couloirs).



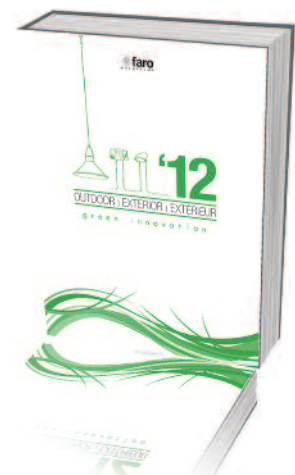
FAN | VENTILACIÓN | VENTILATEUR

Designing the air

Nuestra gama de ventiladores es un referente a nivel europeo no sólo por sus diseños, sino también por la calidad de sus materiales. Modelos diseñados para respetar el silencio y el medio ambiente.

Our range of fans is a European benchmark not only in terms of design, but also the quality of materials. Model designed to respect noise levels and the environment.

Notre gamme de ventilateur est une référence au niveau européen, grâce au design des modèles mais également à la qualité de leurs matériaux. Nos modèles sont conçus pour respecter le silence et l'environnement.



OUTDOOR | EXTERIOR | EXTERIEUR

Green innovation

Luminarias producidas con materiales y mediante procesos que le confieren una alta resistencia ante condiciones ambientales adversas y que contribuyen con el ahorro energético.

Nuestros modelos abarcan diferentes funcionalidades: apliques, proyectores, balizas, sobremuros, farolas.

Luminaires and fixtures are produced by processes and materials that give them high resistance to adverse environmental conditions and contribute to energy saving. Our models cover different functionalities: sconces, spotlights, beacons, wallpost lights, lampposts.

Luminaires fabriqués avec des matériaux et des procédés qui leur confèrent une haute résistance aux conditions environnementales adverses et qui contribuent à réaliser des économies d'énergie.

Nos modèles sont très variés: appliques, projecteurs, balises, bornes, lampadaires.



DECO

Distinctive lighting

Nuestras luminarias DECO combinan a la perfección texturas, materiales, formas y acabados, siguiendo las últimas tendencias. Creaciones con personalidad propia. Descubrir DECO es enamorarse del estilo, disfrutar de la elegancia, sentir la luz, vivirla.

Our lights perfectly combine DECO textures, materials, shapes and finishes, following the latest trends. Creations with their own personality. To discover DECO is to fall in love with style, enjoy elegance and feel light intensely.

Nos luminaires associent à la perfection les textures, matériels, formes et finitions, en suivant les dernières tendances. Des créations qui ont leur propre personnalité. Découvrir DECO c'est tomber amoureux de son style, apprécier son élégance, sentir et vivre la lumière.



PRO

Professional lighting

Nuestros productos han sido seleccionados minuciosamente para ofrecer soluciones estéticas, eficientes, de fácil instalación y mantenimiento y comprometidos con el medio ambiente. Soluciones para espacios comerciales, hoteles, restaurantes.

Our products have been carefully selected to provide aesthetic and efficient solutions which are easy to install and maintenance, and environmentally friendly. Solutions for retail, hotel and restaurant areas.

Nos produits ont été minutieusement sélectionnés pour vous offrir des solutions esthétiques, efficaces, faciles à installer et à entretenir et respectueuses de l'environnement. Solutions pour les espaces commerciaux, les hôtels et les restaurants.



BULBS | BOMBILLAS | AMPOULES

Better light. Better world

Disponemos de una amplia gama de lámparas que presentan altos niveles de rendimiento y calidad en diferentes formatos: lámparas de bajo consumo, halógenas, led, etc.

We have a wide range of high-performance and top-quality lamps in different formats: energy-saving bulbs, halogen, LED, etc.

Nous disposons d'une vaste gamme d'ampoules qui offrent des performances et une qualité exceptionnelles dans divers formats: ampoules basse consommation, halogènes, LED, etc.

Clase de aislamiento

Indica el grado de protección eléctrica que ofrecen las luminarias.



Clase I: Aislamiento normal y toma de tierra.



Clase II: Doble aislamiento sin toma de tierra.



Clase III: Luminarias para conectar a circuitos de muy baja tensión, sin otros circuitos internos o externos que operen a otras tensiones distintas a la mencionada.

Grados de protección

Las luminarias se clasifican según el grado de protección contra el polvo y los líquidos. En estas clasificaciones, según las normas nacionales (UNE 20324) e internacionales, las luminarias se designan por las letras IP seguidas de dos dígitos.



x: Protección contra el polvo y cuerpos sólidos (de 0 a 6).

y: Protección contra penetración de líquidos (de 0 a 8).

Índice X de protección

- 0 No protegido
- 1 Protegido contra la penetración de cuerpos sólidos ≥ 50 mm.
- 2 Protegido contra la penetración de cuerpos sólidos ≥ 12 mm.
- 3 Protegido contra la penetración de cuerpos sólidos $\geq 2,5$ mm.
- 4 Protegido contra la penetración de cuerpos sólidos ≥ 1 mm.
- 5 Protegido contra el polvo.
- 6 Totalmente protegido contra el polvo.

Índice Y de protección

- 0 No protegido
- 1 Protegido contra la caída vertical de gotas de agua.
- 2 Protegido contra la lluvia con un ángulo máx. de 15° sobre la vertical.
- 3 Protegido contra la lluvia con un ángulo máx. de 60° sobre la vertical.
- 4 Protegido contra salpicaduras y protección del agua.
- 5 Protegido contra chorros de agua.
- 6 Protegido contra potentes chorros de agua.
- 7 Protegido contra inundaciones temporales.
- 8 Protegido contra inmersiones prolongadas.

Materiales

MET

Metal.

AL

Aluminio.

PC

Policarbonato.

CRIS
TEMP

Cristal templado.

Sistema de instalación del artículo

EMPOTRABLE



Empotrable de pared.



Empotrable de techo.

SUSPENDIDO O SUPERFICIE



Suspensión de luz directa.



Suspensión de luz indirecta.



Superficie.

PROYECTORES



Proyectores de carril.

APLIQUE



Aplique de pared.

Símbolos particulares



Tamaño de taladro circular.



Tamaño de taladro cuadrado o rectangular.



Orientabilidad sobre el eje horizontal.



Orientabilidad sobre el eje vertical.



Orientabilidad sobre el eje que forma el plano horizontal.



Cumple normativa hilo incandescente.



Altura máx. soporte para adaptar el anclaje de la luminaria.



Código fotométrica.



Equipo electrónico.



Driver.



Equipo magnético.

GEAR

Equipo.



Dimmer.

Lámparas

HALÓGENAS



QR111



QRCB-51

DESCARGA



CDM-R111



CDM-Tm



HIT-TC



HIT-T



HIT-DE



E40



SDW

FLUORESCENTES



TC-D



TC-DEL



TC-TEL



T

LED



LED de 1 diodo



LED de 3 diodos



LED de 6 diodos



LED de 15 diodos



LED Philips QR-CB51



LED Philips QR-111

INCANDESCENTES



E27

ENG

Insulation class

Indicates the degree of electrical protection offered by luminaires.



Class I: Normal insulation and earthing.



Class II: Double insulation without earthing.



Class III: Lighting circuits connected to low voltage, with no other internal or external circuit operating voltages other than the abovementioned.

Protection degrees

The luminaires are classified according to the degree of protection against dust and liquids. In these classifications, according to national and international standards (UNE 20324), the luminaires are marked by the letters IP followed by two digits.



x: Protection against dust and solids (0 to 6).
y: Protection against penetration of liquids (0 to 8).

X protection index

- | | |
|---|---|
| 0 | Not protected |
| 1 | Protected against solid corps penetration with $\varnothing \geq 50$ mm. |
| 2 | Protected against solid corps penetration with $\varnothing \geq 12$ mm. |
| 3 | Protected against solid corps penetration with $\varnothing \geq 2,5$ mm. |
| 4 | Protected against solid corps penetration with $\varnothing \geq 1$ mm. |
| 5 | Protected against dust. |
| 6 | Totally protected against dust. |

Y protection index

- | | |
|---|--|
| 0 | Not protected |
| 1 | Protected against vertically falling of water drops. |
| 2 | Protected against rain at an angle max. 15° on the vertical. |
| 3 | Protected against rain at an angle max. 60° on the vertical. |
| 4 | Splash-proof and water protection. |
| 5 | Protected against water jets. |
| 6 | Protected against powerful water jets. |
| 7 | Temporary flood protection. |
| 8 | Protected from prolonged immersion. |

Materials

MET

Metal.

AL

Aluminium.

PC

Polycarbonate.

CRIS
TEMP

Tempered glass.

Product installation system

DOWNLIGHT



Wall downlight.



Ceiling downlight.

SUSPENDED OR SURFACE



Suspended with direct lighting.



Suspended with indirect lighting.



Surface.

PROJECTORS



Track projectors.

WALL LAMP



Wall lamp.

Special symbols



Round cut-out size.



Square cut-out size.



Orientable on the horizontal axis.



Orientable on the vertical axis.



Oriented on the axis that forms the horizontal plane.



Compliance of incandescent wire regulatory.



Maximum thickness for luminaire anchoring point.



Code photometric.



Electronic gear.



Driver.



Magnetic gear.

GEAR Gear.



Dimmer.

Bulbs

HALOGEN



QR111



QRCB-51

DISCHARGE



CDM-R111



CDM-Tm



HIT-TC



HIT-T



HIT-DE



E40



SDW

FLUORESCENT



TC-D



TC-DEL



TC-TEL



T

LED



LED de 1 diodo



LED de 3 diodos



LED de 6 diodos



LED de 15 diodos



LED Philips QR-CB51



LED Philips QR-111

INCANDESCENT



E27

FR

Classe d'isolement

Indique le degré de protection électrique qu'offrent les luminaires.



Classe I: Isolement normale et prise de terre.



Classe II: Double isolement sans prise de terre.



Classe III: Luminaires pour connecter aux circuits de très basse tension, sans autres circuits internes ou externes qui opèrent sous autres tensions différentes à la mentionnée.

Degrés de protection

Les luminaires se classent selon le degré de protection contre la poussière et les liquides. Dans ses classements, selon les normes nationales (UNE 20324) et internationales les luminaires se désignent par les lettres IP suivies de deux chiffres.



x: Protection contre la poussière et les corps solides (0 à 6).

y: Protection contre la pénétration de liquides (0 à 8).

Index de protection X

- 0 Non protégés.
- 1 Protégés contre la pénétration de solides du $\varnothing \geq 50$ mm.
- 2 Protégés contre la pénétration de solides du $\varnothing \geq 12$ mm.
- 3 Protégés contre la pénétration de solides du $\varnothing \geq 2,5$ mm.
- 4 Protégés contre la pénétration de solides du $\varnothing \geq 1$ mm.
- 5 Protégé contre la poussière.
- 6 Totalement protégé contre la poussière.

Index de protection Y

- 0 Non protégés.
- 1 Protégé contre les gouttes d'eau tombant verticalement.
- 2 Protégés contre la pluie à un angle max. 15° sur la verticale.
- 3 Protégés contre la pluie à un angle max. 60° sur la verticale.
- 4 Résistant aux éclaboussures et à la protection de l'eau
- 5 Protégé contre les jets d'eau.
- 6 Protégé contre les jets d'eau puissants.
- 7 Protection contre les inondations temporaires.
- 8 Protégé contre l'immersion prolongée.

Materiel

MET

Métal.

AL

Aluminium.

PC

Polycarbonate.

**CRIS
TEMP**

Verre trempé.

Système d'installation

ENCASTRABLE



Encastrable au mur.



Downlight.

SUSPENDU OU EN SAILLIE



Suspension de la lumière directe.



Suspension de la lumière indirecte



En saillie.

PROJECTEURS



Projecteurs sur rack.

APPLIQUE



Appliques.

Symboles particuliers



Dimensions de perçage circulaire.



Dimensions de perçage carré ou rectangulaire.



Orientabilidad sobre el eje horizontal.



Orientable sur axe vertical.



Orientable sur axe qui forme le plan horizontal.



Conforme à la norme sur fil incandescent.



Hauteur max. du panneau para adapter la fixation du luminaire



Code photométrique.



Ballast électronique.



Driver.



Ballast magnétique.



GEAR Equipement.



Dimmer

Ampoules

HALOGENES



QR111



QRCB-51

DECHARGE



CDM-R111



CDM-Tm



HIT-TC



HIT-T



HIT-DE



E40



SDW

FLUO



TC-D



TC-DEL



TC-TEL



T

LED



LED de 1 diodo



LED de 3 diodos



LED de 6 diodos



LED de 15 diodos



LED Philips QR-CB51



LED Philips QR-111

INCANDESCENTES



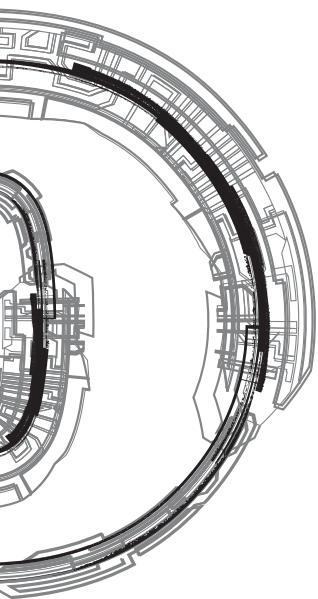
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Notas Notes Notes

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Notas Notes Notes

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ILUMINACIÓN PROFESIONAL
PROFESSIONAL LIGHTING
ECLAIRAGE TECHNIQUE PROFESSIONNEL

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