



CATALOG 2021

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**ARON**  
LIGHT

ONE BRAND, ALL LIGHTING SOLUTIONS



**ONE  
BRAND,  
ALL  
LIGHTING  
SOLUTIONS**

# INOV<sup>~</sup>ÇÃO<sup>3</sup>





# INNOVATION

A nossa missão é criar soluções de iluminação sustentáveis e de qualidade comprovada.

**More Light with Less Resources.**

Só o conseguimos através de um elevado investimento em desenvolvimento e inovação.

A Aronlight utiliza a melhor e mais eficiente tecnologia na conceção das suas luminárias, criando uma perfeita simbiose entre qualidade e preço.

As nossas equipas estão em constante procura das últimas soluções que tornem os nossos produtos competitivos e eficientes, otimizando os gastos e reduzindo o consumo de energia.

# INNOVACIÓN

*Our mission is to create sustainable and quality lighting solutions for everyone. More Light with Less Resources. We only achieve this through a high investment in development and innovation. Aronlight uses the best and most efficient technology in the design of its luminaires creating a perfect symbiosis between quality and price. Our teams are in constant search of the latest solutions that make our products competitive and efficient, optimizing expenses and reducing consumption from energy.*

*Nuestra misión es crear soluciones de iluminación sostenibles y de calidad. Solo lo logramos a través de una alta inversión en desarrollo e innovación. Aronlight utiliza la mejor y más eficiente tecnología en el diseño de sus luminarias creando una simbiosis perfecta entre calidad y precio. Nuestros equipos están en constante búsqueda de las últimas soluciones que hagan competitivos y eficientes nuestros productos, optimizando gastos y reduciendo el consumo de energía.*

# QUALIDADE





## QUALITY

A nossa visão assenta no trabalho permanente, atento e criativo, para encontrar novas soluções de iluminação, criando valor para os nossos clientes, através de um equilíbrio justo entre qualidade e preços competitivos. O mercado da iluminação técnica pratica preços excessivos que levam os clientes muitas vezes a optar por soluções de baixa qualidade.

Os nossos produtos são certificados por organismos internacionais que garantem a sua qualidade e as nossas equipas trabalham diariamente, de forma empenhada para reforçar a confiança dos nossos clientes.

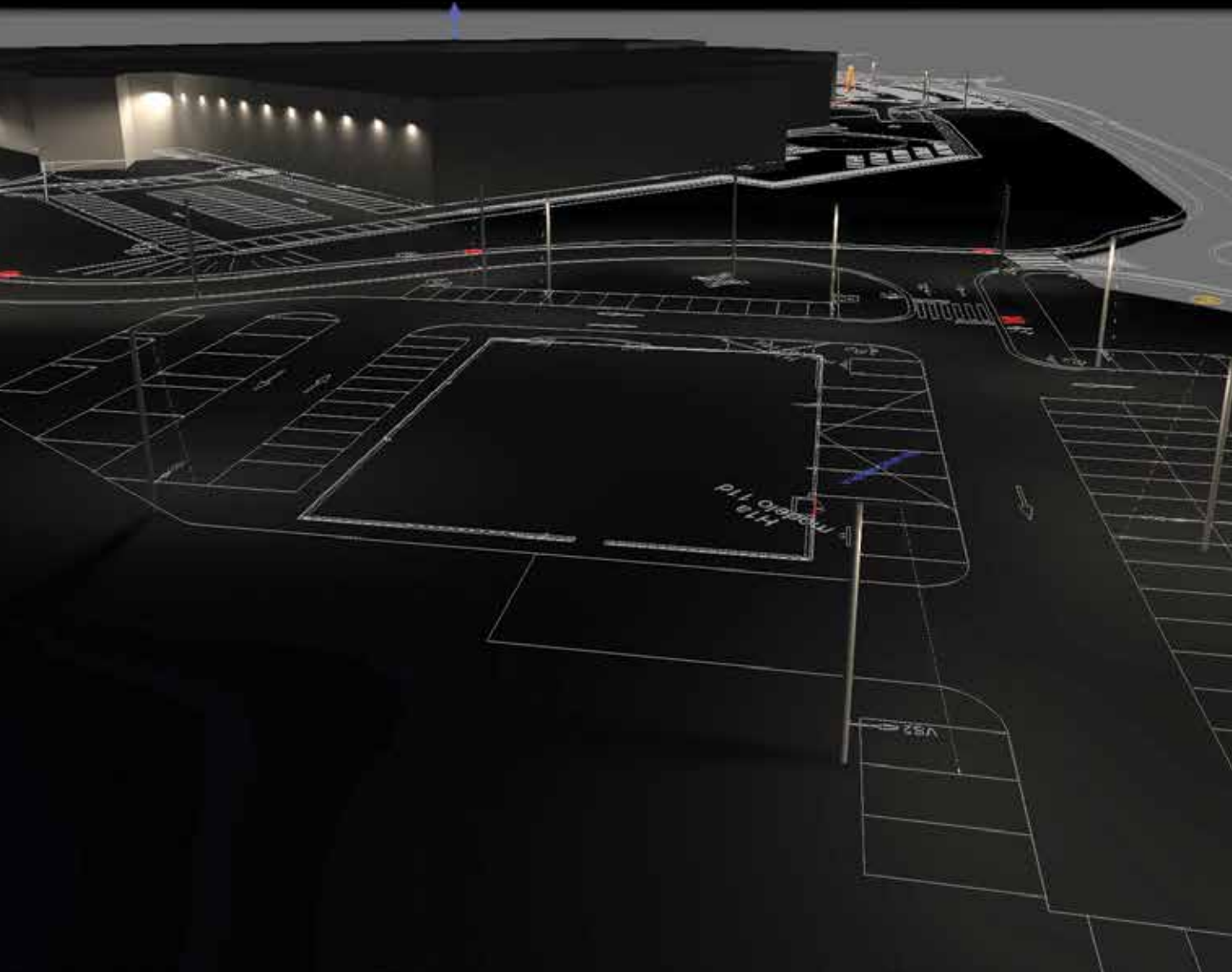
Esta é a receita para de mais de 60 anos de sucesso no nosso grupo empresarial.

## CALIDAD

*Our vision is based on permanent, attentive and creative work, to find new lighting solutions, creating value for our customers, through a fair balance between quality and competitive prices. The market for quality technical lighting charges excessive prices that often lead customers to opt for low quality solutions. Our products are certified by international organizations that guarantee their quality and our teams work daily, in a committed way to reinforce the trust of our customers. This is the recipe for more than 60 years of success in our business group.*

*Nuestra visión se basa en un trabajo permanente, atento y creativo, para encontrar nuevas soluciones de iluminación, creando valor para nuestros clientes, a través de un justo equilibrio entre calidad y precios competitivos. El mercado de la iluminación técnica de calidad cobra precios excesivos que suelen llevar a los clientes a optar por soluciones de baja calidad.*

# Λ POIO TÉCNICO





# SOPORTE TÉCNICO TECHNICAL SUPPORT

UM SERVIÇO PARA OS NOSSOS CLIENTES

A SERVICE TO OUR VALUED CUSTOMERS | UN SERVICIO PARA NUESTROS CLIENTES

As vantagens financeiras da eficiência energética, utilizando iluminação LED de última geração, são bem conhecidas. Esta realidade é válida na substituição de antigas instalações ou em novos projetos.

O Departamento Técnico da Aronlight compromete-se a maximizar a poupança na instalação e no gasto energético, cumprindo todos os requisitos legais. Trata-se, em resumo, de desenhar a solução ideal para cada espaço. Acreditamos que uma iluminação correta traz um elevado valor acrescentado a cada espaço na criação da sua identidade. Seja para melhorar a produtividade de um escritório, a vivência de uma loja ou a comodidade de um hotel. A Aronlight tem a experiência e o conhecimento para fornecer o suporte necessário para todo o tipo de projetos de iluminação.

Utilizando software avançado de simulação e modelagem de iluminação, projetamos com precisão os mais complexos esquemas de iluminação. A regulamentação dos padrões de iluminação aplica-se a todo o tipo de edifícios e espaços públicos e foi elaborada com o objetivo de fornecer os níveis necessários de iluminação a cada tipo de espaço ou área de trabalho, tanto a nível de segurança como de eficiência.

É fundamental que as organizações responsáveis pela iluminação nas suas instalações verifiquem e garantam que sua iluminação cumpre as conformidades regulamentares exigidas. O não cumprimento da regulamentação pode levar a elevados custos de correção e substituição da instalação existente.

*The financial advantages of energy saving using new efficient lighting for new lighting schemes, old schemes replacement or retrofit, are well known.*

*The Aronlight Technical Department commits to maximize installation and energy saving in compliance with all legal requirements.*

*In short, it is a matter of designing the ideal solution for each space. We believe that a correct lighting design brings a high value to each space and helps to create its entity. It improves the productivity of an office, the experience of a store or the comfort of a hotel.*

*Aronlight has the experience and the knowledge to provide the required support for all types of lighting projects. Using advanced simulation software and lighting design, we simulate accurately the most complex lighting schemes. Lighting standards and regulations apply to all working and public use areas, which are designed to provide the necessary levels of illumination, suitable for the work task or the use application of an area, for both safety and efficiency.*

*It is fundamental that organisations who are responsible for the lighting in their facilities check and ensure that their lighting meets the required regulation compliance. Failing to do so can leave the organisation subject to expensive remedial work, if found to be non-compliant after an inspection.*

Las ventajas financieras del ahorro de energía utilizando nueva iluminación eficiente para nuevos esquemas de iluminación, reemplazo o modernización de esquemas antiguos, son bien conocidos.

El Departamento Técnico de Aronlight se compromete a maximizar la instalación y el ahorro de energía cumpliendo con todos los requisitos legales.

En definitiva, se trata de diseñar la solución ideal para cada espacio. Creemos que un diseño de iluminación correcto aporta un alto valor a cada espacio y ayuda a crear su entidad. Mejora la productividad de una oficina, la experiencia de una tienda o la comodidad de un hotel.

Aronlight tiene la experiencia y el conocimiento para brindar el soporte necesario para todo tipo de proyectos de iluminación. Utilizando software de simulación avanzado y diseño de iluminación, simulamos con precisión los esquemas de iluminación más complejos. Las normas y regulaciones de iluminación se aplican a todas las áreas de trabajo y uso público, las cuales están diseñadas para proporcionar los niveles de iluminación necesarios, adecuados para la tarea de trabajo o la aplicación de uso de un área, tanto por seguridad como por eficiencia.

Es fundamental que las organizaciones responsables de la iluminación de sus instalaciones verifiquen y aseguren que su iluminación cumple con el cumplimiento normativo requerido. No hacerlo puede dejar a la organización sujeta a costosos trabajos de reparación, si se descubre que no cumple con las normas después de una inspección.



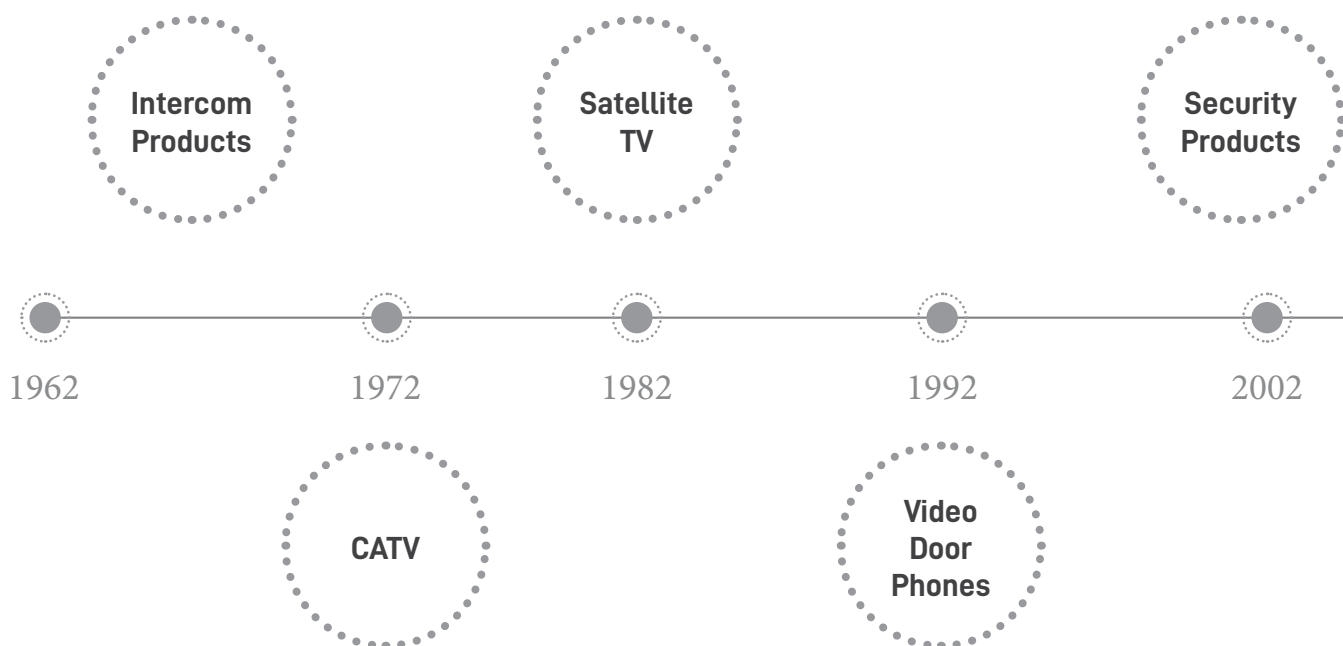
**Alan Fuller**  
Senior Lighting Consultant





# A NOSSA

## NUESTRA HISTORIA OUR HISTORY



# HISTÓRIA

Lighting

ARONLIGHT

ARONLIGHT  
ESPAÑA

2012

2013

2015

2020

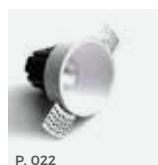
2021

Structured  
Networks

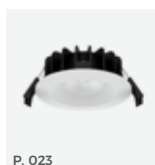
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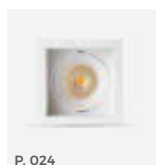
ENCASTRAR | RECESSED | EMPOTRAR



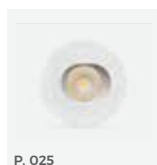
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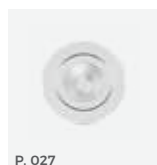
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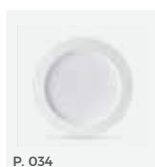
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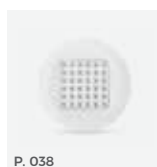
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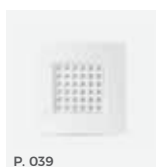
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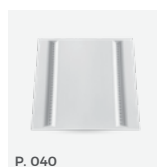
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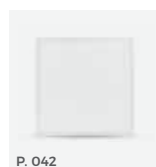
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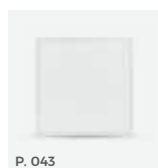
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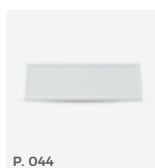
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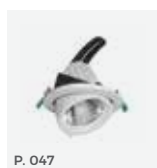
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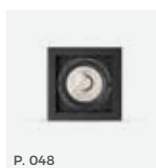
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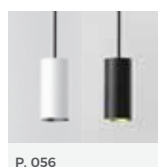
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## INTERIOR

SUSPENSO | SUSPENDED | COLGANTES



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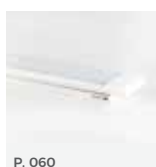
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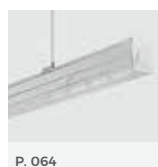
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## INTERIOR

### SUPERFÍCIE | SURFACE | SUPERFICIE



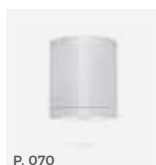
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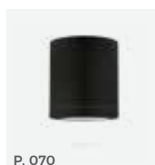
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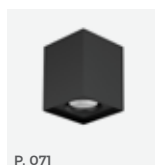
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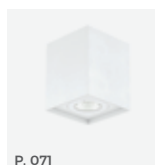
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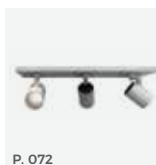
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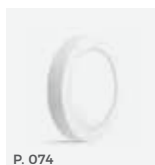
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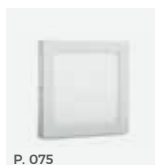
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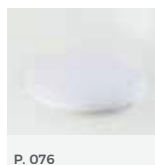
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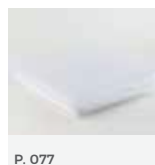
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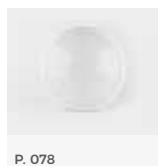
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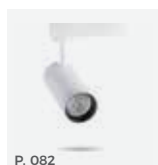
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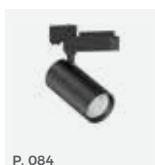
### TRACKLIGHTS



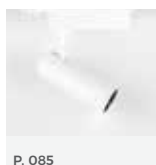
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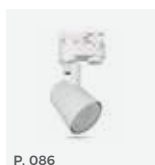
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# ÍNDICE

## INTERIOR

FITAS LED | LED STRIP | TIRAS LED



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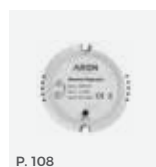
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## INTERIOR

ARMADURAS | BATTENS | REGLETAS



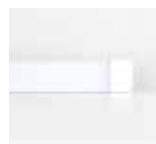
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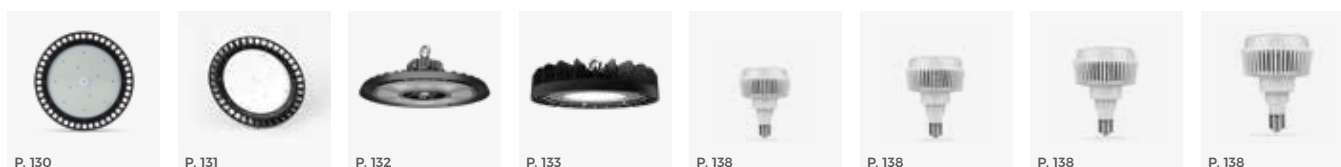


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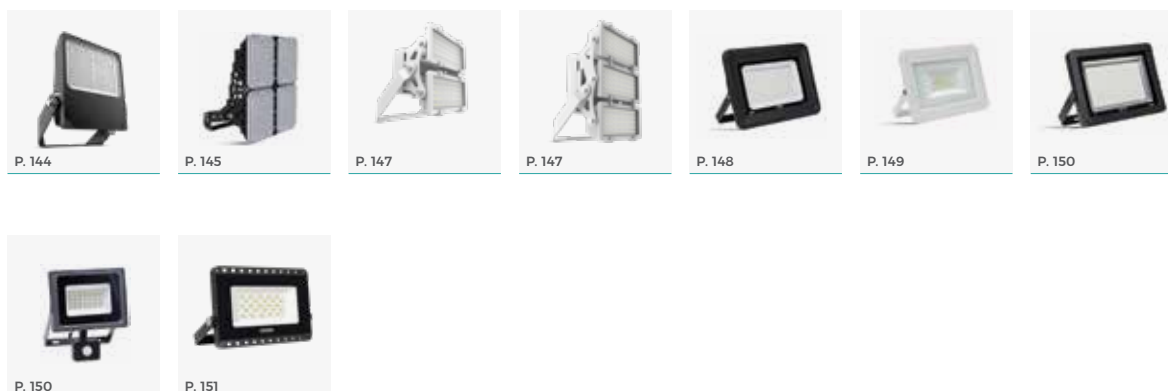
## INTERIOR

CAMPÂNULAS | HIGHBAY | CAMPANAS



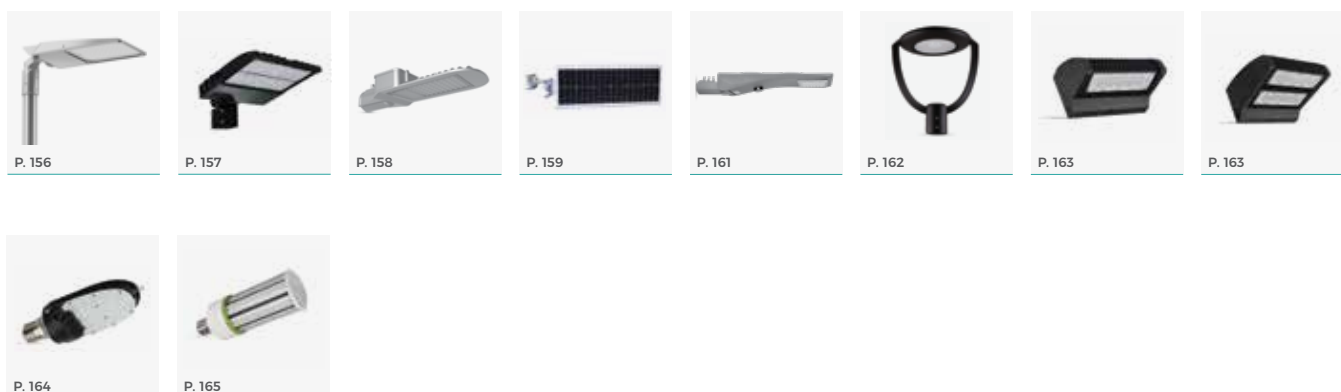
## OUTDOOR

PROJETORES | FLOODLIGHT | PROYECTORES



## OUTDOOR



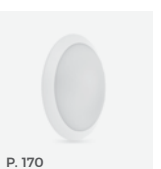


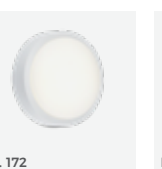


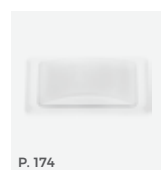







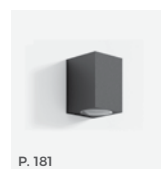





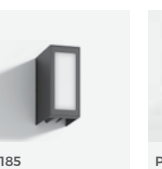







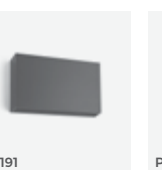

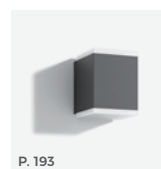







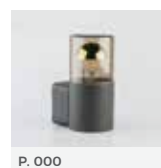





ILUMINAÇÃO DE RUA | STREET LIGHT | ILUMINACIÓN VIAL



# ÍNDICE

## OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR

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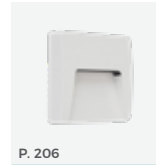
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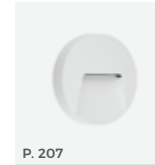
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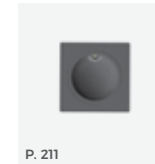
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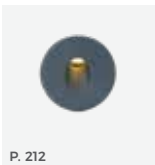
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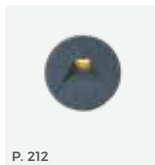
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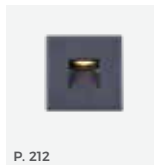
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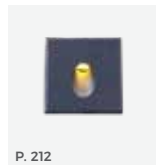
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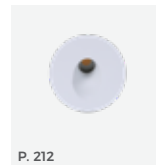
P. 212



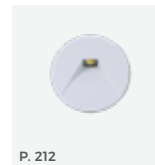
P. 212



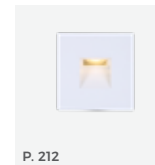
P. 212



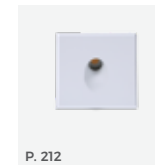
P. 212



P. 212



P. 212



P. 212



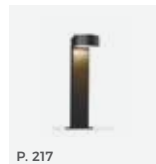
P. 214



P. 215



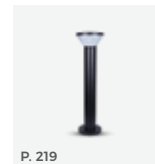
P. 216



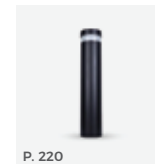
P. 217



P. 218



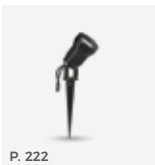
P. 219



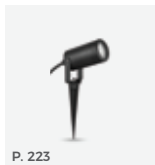
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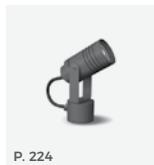
P. 221



P. 222



P. 223



P. 224



P. 225



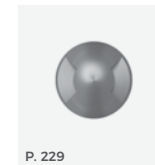
P. 226



P. 227



P. 228



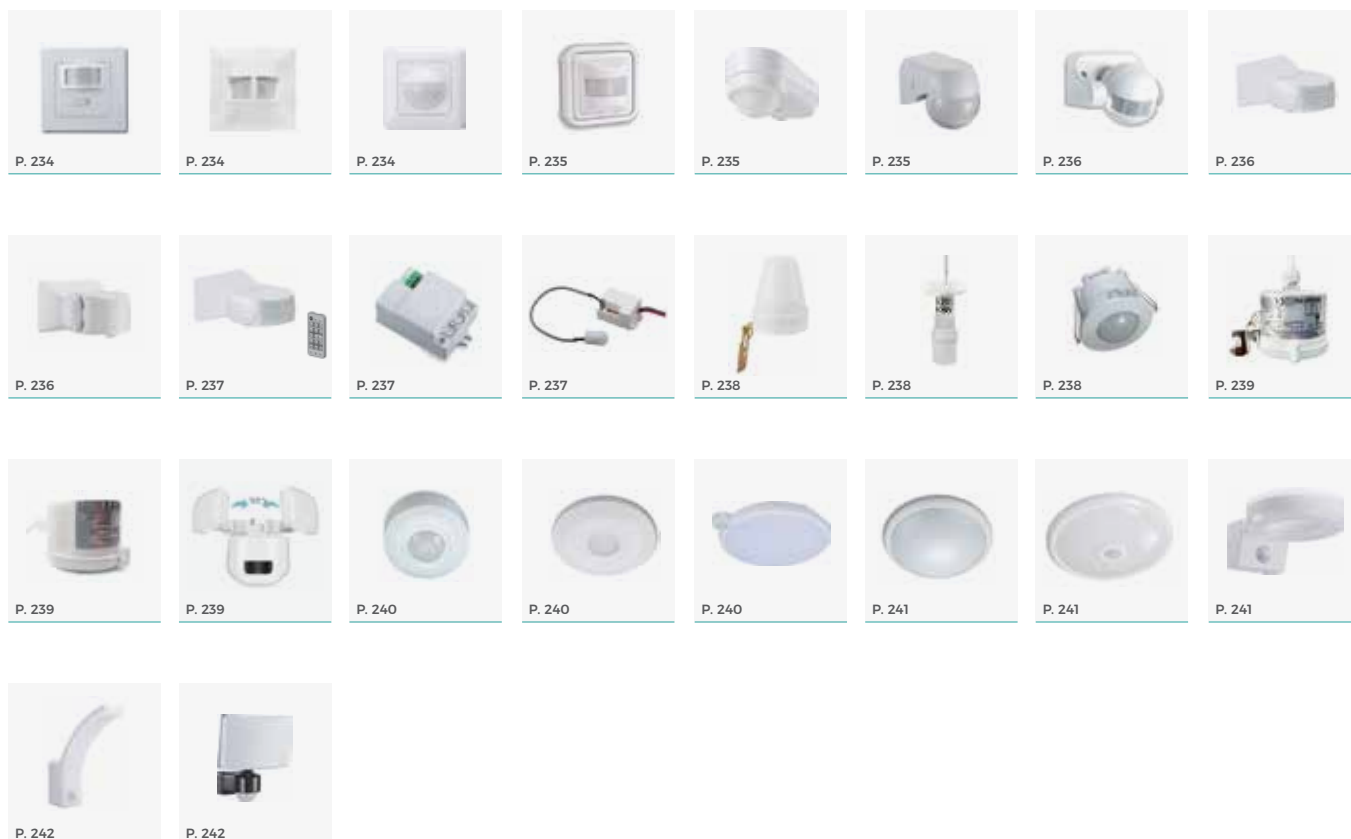
P. 229



# ÍNDICE

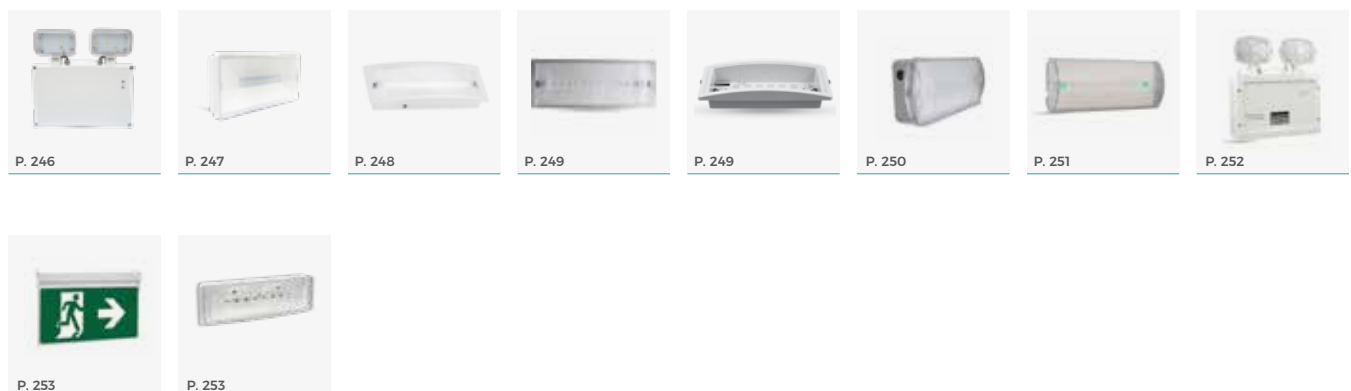
## SENSORES DE MOVIMENTO E PRESENÇA

SENSORES | MOTION DETECTOR | SENSORES



## ILUMINAÇÃO DE EMERGÊNCIA

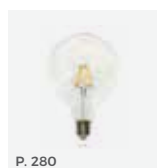
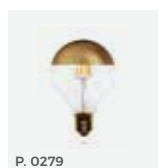
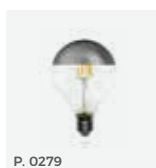
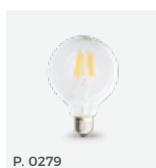
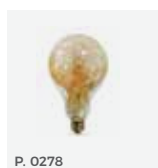
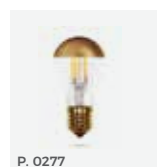
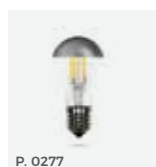
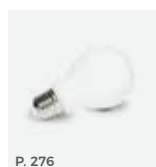
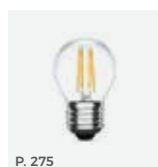
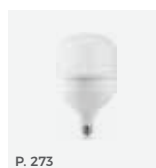
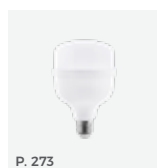
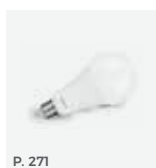
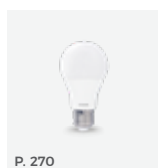
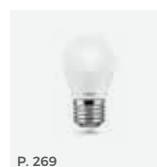
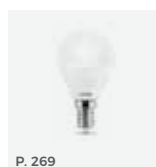
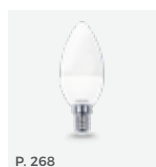
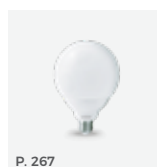
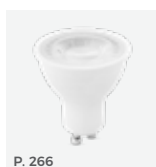
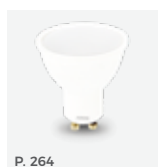
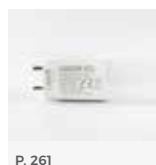
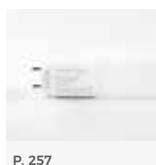
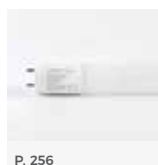
EMERGÊNCIA | EMERGENCY | EMERGENCIA





## TUBOS, LÂMPADAS E MÓDULOS

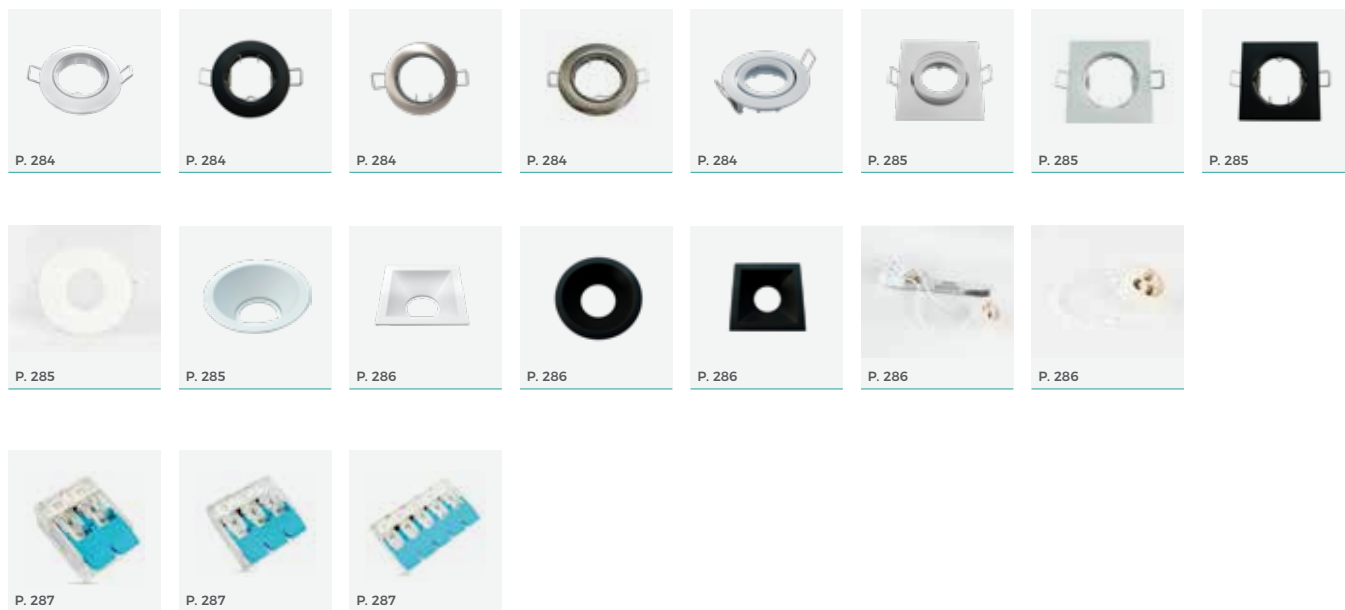
TUBES | LAMPS | MODULES / TUBOS | LÂMPARAS | MODULO



# ÍNDICE

## AROS E ACESSÓRIOS

ACESSÓRIOS | ACCESSORIES | ACCESORIOS



## ILUMINAÇÃO ESPECIAL

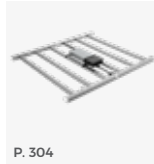
SPECIAL LIGHTING | ILUMINACIÓN ESPECIAL





## HORTICULTURE LIGHTING SOLUTION

### 1. CANNABIS



### 2. VINE CROPS



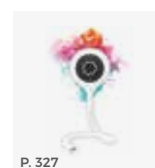
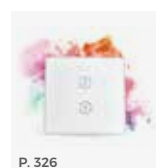
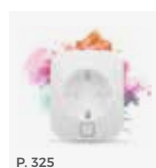
### 3. LEAFY GREENS



### 4. FLORICULTURE



## ARON SMART WIFI APP





# INTERIOR

ENCASTRAR

RECESSED

EMPOTRAR



# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## BERG TRIMLESS

LIFUD DRIVER CREE LED ALUMINIUM

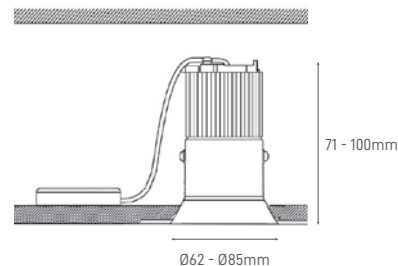
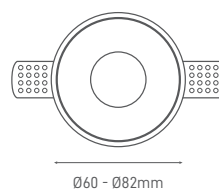
Downlight de encastrar sem aro de remate (trimless), disponível em 2 diâmetros (60mm e 82mm). Ideal para mínima visualização em tetos falsos sem encadeamento e perfeita dispersão de luz.

Recessed downlight without trim ring (trimless), available in 2 diameters (60mm and 82mm). Ideal for minimal visualization on false ceilings with no glaring and perfect light dispersion.

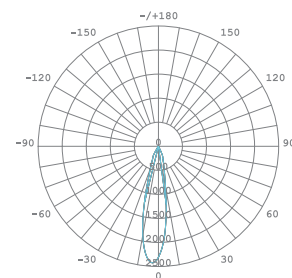
Downlight empotrable sin aro (trimless), disponible en 2 diámetros (60mm y 82mm). Ideal para visualización mínima en falso techos sin deslumbramiento y perfecta dispersión de la luz.

WATTS	5W	9W
CCT	2700k	2700k
TOTAL LUMINOUS FLUX	425lm	765lm
LUMINOUS EFFICACY	85lm/w	85lm/w
BEAM ANGLE	24°	24°
CRI	≥80	≥80
IP	IP20	IP20
VOLTAGE	220-240V	220-240V
DIMMABLE	NO	NO
TYPE OF DIMMING	-	-
SIZE	Ø60x71mm	Ø82x100mm
CUT-OUT	Ø62mm	Ø85mm
PROTECTION CLASS	Class I	Class I
PROTECTION CLASS IK	-	-
POWER FACTOR	≥0.9	≥0.9
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	CREE	CREE
DRIVER BRAND	Lifud	Lifud
MOUNTING TYPE	Recessed	Recessed
BODY MATERIAL	Aluminium + PC	Aluminium + PC
COLOR	White RAL9016	White RAL9016
BODY SHAPE	Round	Round
BOX QUANTITY	1 pcs/carton	1 pcs/carton
GROSS WEIGHT	-	-
SKU	ILAR-00172	ILAR-00173

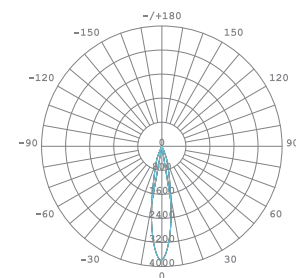
### TECHNICAL DRAWING



### BEAM ANGLE 5W



### BEAM ANGLE 9W





# LOKI



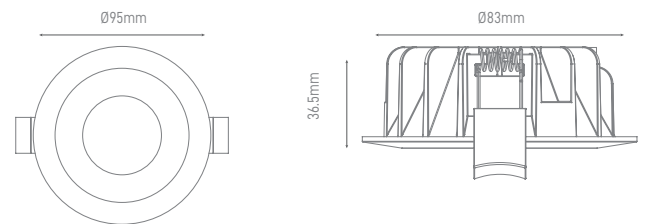
Downlight dimável de encastrar em alumínio ADC12 com ótima dissipação de calor, anticorrosão e proteção IP54. Alta eficiência (Cob 120lm /w) e fácil instalação através do seu conector rápido.

*Dimmable Recessed Downlight with made of ADC12 Aluminium with great heat dissipation, anti corrosion and IP54 Protection. High in efficiency (Cob 120lm/w) and easy in installation as it comes with fast connector.*

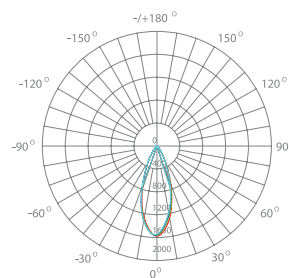
*Downlight Empotrable Regulable fabricado en Aluminio ADC12 de gran disipación de calor, anticorrosión y Protección IP54. Alta eficiencia (Cob 120lm / w) y fácil instalación ya que viene con conector rápido.*

WATTS	8W	8W
CCT	2700k	4000k
TOTAL LUMINOUS FLUX	640lm	640lm
LUMINOUS EFFICACY	80lm/w	80lm/w
BEAM ANGLE	60°	60°
CRI	≥80	≥80
IP	IP54	IP54
VOLTAGE	200-240V	200-240V
SIZE	Ø95x36.5mm	Ø95x36.5mm
CUT-OUT	Ø83mm	Ø83mm
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	-	-
POWER FACTOR	-	-
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Edison	Edison
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Recessed	Recessed
BODY MATERIAL	Aluminium + PC	Aluminium + PC
COLOR	White RAL9016	White RAL9016
BODY SHAPE	Round	Round
BOX QUANTITY	1 pcs/carton	1 pcs/carton
GROSS WEIGHT	-	-
SKU	ILAR-00994	ILAR-00995

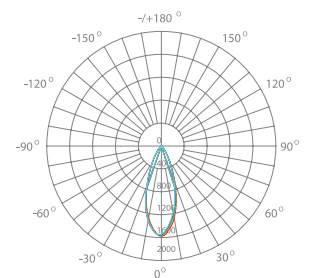
## TECHNICAL DRAWING



## BEAM ANGLE 8W



## BEAM ANGLE 8W





# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## ACE

PF >0.9   EPISTAR LED   ALUMINIUM

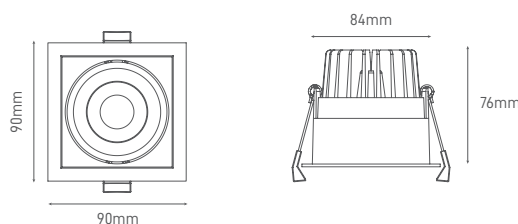
Luminária de encastrar, de elevada eficiência (100lm/W) com design requintado, ideal para qualquer espaço comercial ou residencial em que procure projetar um ambiente confortável e familiar. Possui uma lente prismática de transmissão de luz, e um sistema de arrefecimento inteligente com corpo ajustável de 22° e feixe de luz de 36° para diferentes direções de iluminação.

Recessed, high efficiency luminaire (100lm/W) with refined design, ideal for any commercial or residential space in which it seeks to design a comfortable and familiar environment. It features a prismatic light transmission lens and intelligent cooling system with 22° adjustable body and 36° light beam for different lighting directions.

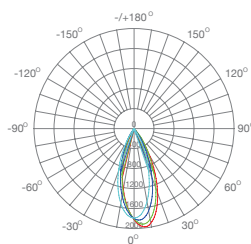
Luminária empotrable de alta eficiencia (100lm/W) con diseño refinado, ideal para cualquier espacio comercial o residencial en que se busca proyectar un ambiente relajado y familiar. Tiene una lente de transmisión de luz prismática y un sistema de enfriamiento inteligente con cuerpo ajustable de 22° y ángulo de apertura de 36° para diferentes direcciones de iluminación.

WATTS	10W	10W
CCT	2700K	4000K
TOTAL LUMINOUS FLUX	850lm	850lm
LUMINOUS EFFICACY	80lm/w	80lm/w
BEAM ANGLE	36°	36°
CRI	≥80	≥80
IP	IP40	IP40
VOLTAGE	200-240V 50Hz	200-240V 50Hz
SIZE	90x90x76mm	90x90x76mm
CUT-OUT	84x84mm	84x84mm
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	-	-
POWER FACTOR	≥0.9	≥0.9
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	>10000	>10000
ENERGY LABEL	A+	A+
LED BRAND	Epistar	Epistar
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Recessed	Recessed
BODY MATERIAL	Aluminium	Aluminium
COLOR	White	White
BODY SHAPE	Square	Square
BOX QUANTITY	48 pcs/carton	48 pcs/carton
GROSS WEIGHT	16kg	16kg
SKU	ILAR-00662	ILAR-00663

### TECHNICAL DRAWING



### BEAM ANGLE



### RECOMMENDED ACCESSORIES

DESCRIPTION	SKU
Dimmable Driver Triac	ILAR-01013



## HALE

PF >0.9   EPISTAR LED   ALUMINIUM

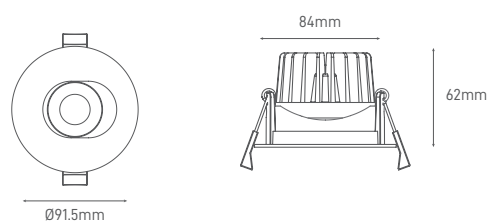
Luminária de encastrar, de elevada eficiência (100lm/W) com design moderno, ideal para qualquer espaço comercial ou residencial em que procure projetar um ambiente confortável e familiar. Possui uma lente prismática de transmissão de luz, e um sistema de arrefecimento inteligente com corpo ajustável de 5° e feixe de luz de 36° para diferentes direções de iluminação.

Recessed, high efficiency luminaire (100lm/W) with modern design, ideal for any commercial or residential space in which it seeks to design a comfortable and familiar environment. It features a prismatic light transmission lens and intelligent cooling system with 5° adjustable body and 36° light beam for different lighting directions.

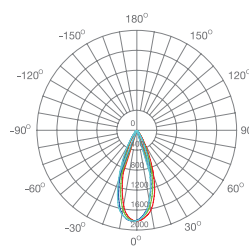
Luminária empotrable de alta eficiencia (100lm/W) con diseño moderno, ideal para cualquier espacio comercial o residencial en que se busca proyectar un ambiente relajado y familiar. Tiene con una lente de transmisión de luz prismática y un sistema de enfriamiento inteligente con cuerpo ajustable de 5° y ángulo de apertura de 36° para diferentes direcciones de iluminación.

WATTS	10W	10W
CCT	2700K	4000K
TOTAL LUMINOUS FLUX	850lm	850lm
LUMINOUS EFFICACY	85lm/w	85lm/w
BEAM ANGLE	36°	36°
CRI	≥80	≥80
IP	IP40	IP40
VOLTAGE	200-240V 50Hz	200-240V 50Hz
SIZE	Ø91.5mm	Ø91.5mm
CUT-OUT	Ø84mm	Ø84mm
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	-	-
POWER FACTOR	≥0.9	≥0.9
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Epistar	Epistar
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Recessed	Recessed
BODY MATERIAL	Aluminium	Aluminium
COLOR	White RAL9016	White RAL9016
BODY SHAPE	Round	Round
BOX QUANTITY	48 pcs/carton	48 pcs/carton
GROSS WEIGHT	14kg	14kg
SKU	ILAR-00659	ILAR-00660

### TECHNICAL DRAWING



### BEAM ANGLE



### RECOMMENDED ACCESSORIES

DESCRIPTION	SKU
Dimmable Driver Triac	ILAR-01013

# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## VAUN

Luminária de encastrar, de elevada eficiência (100lm/W) com design clássico, ideal para qualquer espaço comercial ou residencial em que procure projetar um ambiente confortável e familiar. Possui uma lente prismática de transmissão de luz, e um sistema de arrefecimento inteligente com corpo ajustável de 22° e feixe de luz de 36° para diferentes direções de iluminação.

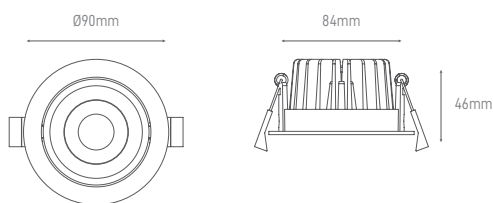
Recessed, high efficiency luminaire (100lm/W) with classic design, ideal for any commercial or residential space in which it seeks to design a comfortable and familiar environment. It features a prismatic light transmission lens and intelligent cooling system with 22° adjustable body and 36° light beam for different lighting directions.

Luminária empotrable con diseño clásico, ideal para cualquier espacio comercial o residencial en que se busca proyectar un ambiente relajado y familiar. Tiene con una lente de transmisión de luz prismática y un sistema de enfriamiento inteligente con cuerpo ajustable de 22° y ángulo de apertura de 36° para diferentes direcciones de iluminación.

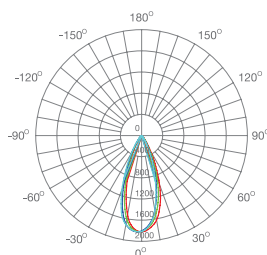


WATTS	10W	10W
CCT	2700K	4000K
TOTAL LUMINOUS FLUX	870lm	870lm
LUMINOUS EFFICACY	87lm/w	87lm/w
BEAM ANGLE	36°	36°
CRI	≥80	≥80
IP	IP40	IP40
VOLTAGE	200-240V 50Hz	200-240V 50Hz
SIZE	Ø90x46mm	Ø90x46mm
CUT-OUT	Ø84mm	Ø84mm
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	-	-
POWER FACTOR	≥0.9	≥0.9
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Epistar	Epistar
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Recessed	Recessed
BODY MATERIAL	Aluminium	Aluminium
COLOR	White RAL9016	White RAL9016
BODY SHAPE	Round	Round
BOX QUANTITY	48 pcs/carton	48 pcs/carton
GROSS WEIGHT	13kg	13kg
SKU	ILAR-00656	ILAR-00657

### TECHNICAL DRAWING



### BEAM ANGLE



### RECOMMENDED ACCESSORIES

DESCRIPTION	SKU
Dimmable Driver Triac	ILAR-01013



# ONE



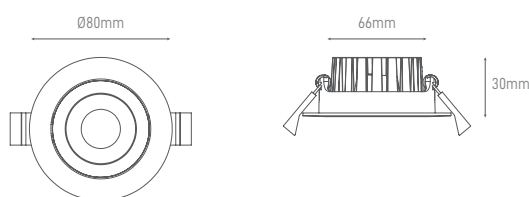
Design fino e compacto com altura de 3cm, perfeitamente adequado para a instalação em tetos baixos. Proteção frontal em IP65, adequado para ambientes húmidos. O dissipador de calor em forma de T aumenta muito a área de radiação e melhora a eficiência de resfriamento. A luminária é rotativa de 0 a 30 graus na direção horizontal, o que pode expandir a área de iluminação.

LED recessed downlight adopts super slim and compact design, perfectly suitable for the narrow ceiling installation. IP65 rating front cover design, suitable for damp environment. T-shape heat sink greatly increases the radiation area and improves cooling efficiency. The fitting could be rotated from 0-30 degree in horizontal direction, which can expand the illumination area.

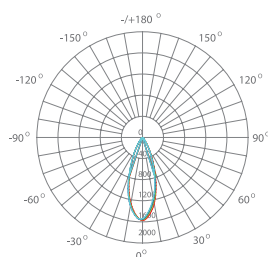
El downlight empotrable LED adopta un diseño súper delgado y compacto, perfectamente adecuado para la instalación en techos estrechos. Diseño de cubierta frontal con clasificación IP65, adecuado para entornos húmedos. El dissipador de calor en forma de T aumenta en gran medida el área de radiación y mejora la eficiencia de enfriamiento. El downlight se puede girar de 0 a 30 grados en dirección horizontal, lo que puede expandir el área de iluminación.

<b>WATTS</b>	<b>8W</b>
<b>CCT</b>	3000K
<b>TOTAL LUMINOUS FLUX</b>	815lm
<b>LUMINOUS EFFICACY</b>	101lm/w
<b>BEAM ANGLE</b>	60°
<b>CRI</b>	≥80
<b>IP</b>	IP65
<b>VOLTAGE</b>	200-240V 50Hz
<b>SIZE</b>	Ø80x30mm
<b>CUT-OUT</b>	Ø66mm
<b>PROTECTION CLASS</b>	Class II
<b>PROTECTION CLASS IK</b>	-
<b>POWER FACTOR</b>	≥0.9
<b>NOMINAL LIFETIME</b>	50.000H
<b>STARTING TIME 100% ON</b>	0.0001s
<b>ON/OFF CYCLES</b>	100.000
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	CREE LED
<b>DRIVER BRAND</b>	Aronlight
<b>MOUNTING TYPE</b>	Recessed
<b>BODY MATERIAL</b>	Aluminium
<b>COLOR</b>	White RAL9016
<b>BODY SHAPE</b>	Round
<b>BOX QUANTITY</b>	50 pcs/carton
<b>GROSS WEIGHT</b>	15kg
<b>SKU</b>	ILAR-01027

## TECHNICAL DRAWING



## BEAM ANGLE



# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## SPOTLIGHT 7W

SAMSUNG LED PLASTIC

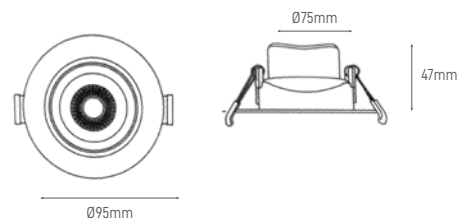
SpotLight de alto rendimento para uso geral. Ideal para espaços comerciais e habitações. Três opções de temperatura de cor, orientável.

High-performance SpotLight for general use. Ideal for commercial and residential spaces. Three color temperature options, angle adjustment.

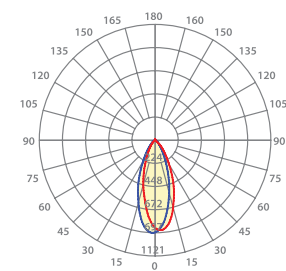
SpotLight de alto rendimiento para uso general. Ideal para espacios comerciales y viviendas. Tres opciones de temperatura de color, ajuste de ángulo.

WATTS	7W	7W	7W
CCT	3000K	4000K	6500K
TOTAL LUMINOUS FLUX	650 Lm	670 Lm	700 Lm
LUMINOUS EFFICACY	-	-	-
BEAM ANGLE	38°	38°	38°
CRI	>70	>70	>70
IP	IP40	IP40	IP40
VOLTAGE	220-240V	220-240V	220-240V
SIZE	Ø95x47mm	Ø95x47mm	Ø95x47mm
CUT-OUT	Ø75mm	Ø75mm	Ø75mm
PROTECTION CLASS	-	-	-
PROTECTION CLASS IK	-	-	-
POWER FACTOR	>0.5	>0.5	>0.5
NOMINAL LIFETIME	25000H	25000H	25000H
STARTING TIME 100% ON	-	-	-
ON/OFF CYCLES	-	-	-
ENERGY LABEL	A+	A+	A+
LED BRAND	SAMSUNG	SAMSUNG	SAMSUNG
DRIVER BRAND	Aronlight	Aronlight	Aronlight
MOUNTING TYPE	Recessed	Recessed	Recessed
BODY MATERIAL	PVC	PVC	PVC
COLOR	White	White	White
BODY SHAPE	Round	Round	Round
BOX QUANTITY	10/100	10/100	10/100
GROSS WEIGHT	-	-	-
SKU	ILAR-00556	ILAR-00557	ILAR-00558

### TECHNICAL DRAWING



### BEAM ANGLE



# PAINEL ULTRA SLIM

ULTRA SLIM PANEL | DOWNLIGHT ULTRA SLIM

## PROFESSIONAL DRIVER

### ✔ ELEVADA ESTABILIDADE DE CORRENTE

High Current Stability

Elevada Estabilidad de Corriente

### ✔ FACTOR DE POTÊNCIA >0.9

Power Factor >0.9

Factor de Potencia >0.9

### ✔ FLUXO LUMINOSO CONSTANTE

Constant Luminous Flux

Flujo Luminoso Constante

### ✔ PROTEÇÃO CONTRA SOBRETENSÃO

Surge Protection

Protección contra sobretensiones

### TRANSFORMADOR DE ALTA EFICIÊNCIA

High Efficiency Transformer

Transformador de Alta Eficacia



IC  
SINGLE STAGE

# PAINEL ULTRA SLIM

ULTRA SLIM PANEL | DOWNLIGHT ULTRA SLIM



## GUIA ÓPTICO PMMA

### PMMA LIGHT GUIDE | GUÍA ÓPTICO PMMA

Guia Óptico (Light Guide Plate) em acrílico PMMA. Elevada transmissão de luz e resistente ao envelhecimento (prevenindo o aparecimento de manchas amarelas no centro do painel).

*Light Guide Plate in acrylic PMMA. High light transmission and aging resistant (preventing the appearance of yellow spots in the center of the panel).*

Guía Óptica (Light Guide Plate) en acrílico PMMA. Alto transmisión de luz y resistente al envejecimiento (previniendo la aparición de manchas amarillas en el centro del panel).



## LED CHIP SAMSUNG

LED de elevado desempenho e durabilidade, com índice de reprodução de cores superior a 80.

*High performance and durability LED with color reproduction index greater than 80.*

LED de elevado rendimiento y durabilidad, con índice de reproducción cromática superior a 80.



## DISSIPAÇÃO TÉRMICA

### HEAT DISSIPATION | DISIPACIÓN TERMICA

Corpo em alumínio de elevada performance térmica e resistente à corrosão.

*High performance aluminium body and corrosion resistant.*

Cuerpo de aluminio de alto rendimiento térmico y resistente a la corrosión.



## BRAÇADEIRA DE FIXAÇÃO

CLAMP CABLE FIXING  
BRAZADERA FIJACIÓN DE CABLE



## SELAGEM DO PAINEL

PANEL SEALING | SELLADO DEL PANEL

Com aba de selagem evitando a 100% fugas de luz nas laterais do painel.

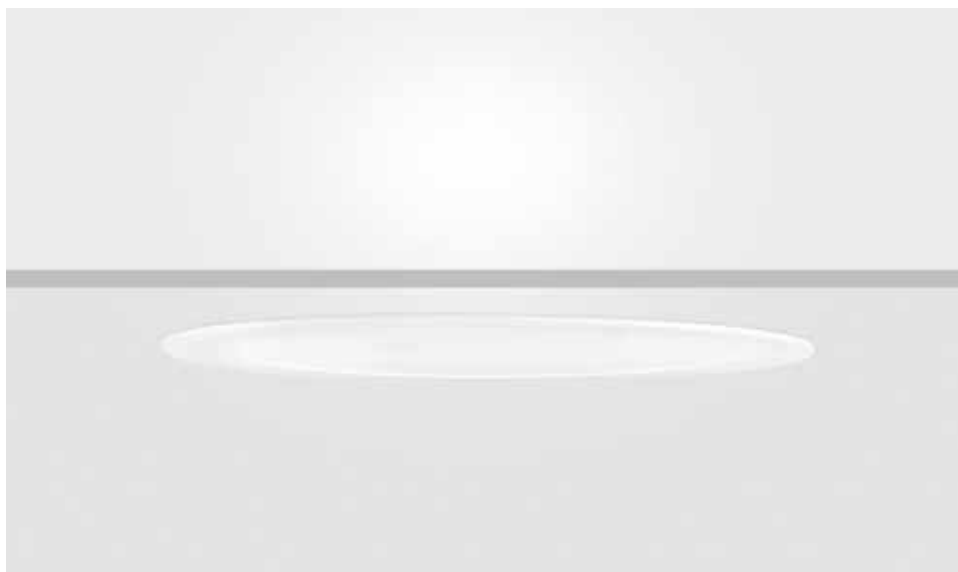
*With sealing flap preventing light leaks on the sides of the panel.*

Con aba sellada evitando fugas de luz en los laterales del panel.



# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



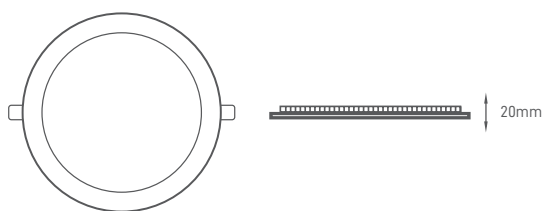
## PAINEL REDONDO ENCASTRAR

ROUND RECESSED | REDONDO EMPOTRABLE




SAMSUNG LED ALUMINIUM PF >0.9

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	POWER FACTOR	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	CUT-OUT	MATERIAL	BOX QTY	SKU
3W	3000K	265 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø85x20mm	Ø65mm	Aluminium	50	ILAR-00052
3W	4000K	270 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø85x20mm	Ø65mm	Aluminium	50	ILAR-00053
3W	6500K	275 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø85x20mm	Ø65mm	Aluminium	50	ILAR-00054
6W	3000K	500 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø120x20mm	Ø105mm	Aluminium	50	ILAR-00055
6W	4000K	505 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø120x20mm	Ø105mm	Aluminium	50	ILAR-00056
6W	6500K	510 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø120x20mm	Ø105mm	Aluminium	50	ILAR-00057
12W	3000K	1050 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø170x20mm	Ø155mm	Aluminium	20	ILAR-00058
12W	4000K	1060 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø170x20mm	Ø155mm	Aluminium	20	ILAR-00059
12W	6500K	1070 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø170x20mm	Ø155mm	Aluminium	20	ILAR-00060
18W	3000K	1530 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø225x20mm	Ø205mm	Aluminium	20	ILAR-00061
18W	4000K	1580 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø225x20mm	Ø205mm	Aluminium	20	ILAR-00062
18W	6500K	1630 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø225x20mm	Ø205mm	Aluminium	20	ILAR-00063
24W	4000K	2130 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø300x20mm	Ø285mm	Aluminium	10	ILAR-00754

### SIZE



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	Emergency Kit	ILAR-00617
	Dimmable Driver 1-10V 2-12W	ILAR-00729
	Dimmable Driver 1-10V 8-18W	ILAR-00728



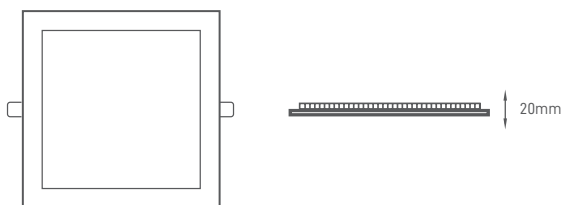
# PAINEL QUADRADO ENCASTRAR

SQUARE RECESSED | CUADRADO EMPOTRABLE

SAMSUNG LED ALUMINIUM PF >0.9

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	POWER FACTOR	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	CUT-OUT	MATERIAL	BOX QTY	SKU
3W	3000K	265 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	85x85mm	65x65mm	Aluminium	50	ILAR-00064
3W	4000K	270 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	85x85mm	65x65mm	Aluminium	50	ILAR-00065
3W	6500K	275 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	85x85mm	65x65mm	Aluminium	50	ILAR-00066
6W	3000K	500 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	120x120mm	105x105mm	Aluminium	50	ILAR-00067
6W	4000K	505 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	120x120mm	105x105mm	Aluminium	50	ILAR-00068
6W	6500K	510 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	120x120mm	105x105mm	Aluminium	50	ILAR-00069
12W	3000K	1050 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	174x174mm	155x155mm	Aluminium	20	ILAR-00070
12W	4000K	1060 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	174x174mm	155x155mm	Aluminium	20	ILAR-00071
12W	6500K	1070 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	174x174mm	155x155mm	Aluminium	20	ILAR-00072
18W	3000K	1530 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	225x225mm	205x205mm	Aluminium	20	ILAR-00073
18W	4000K	1580 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	225x225mm	205x205mm	Aluminium	20	ILAR-00074
18W	6500K	1630 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	225x225mm	205x205mm	Aluminium	20	ILAR-00075
24W	4000K	2130 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	300x200mm	280x280mm	Aluminium	10	ILAR-00756

## SIZE



## RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	Emergency Kit	ILAR-00617
	Dimmable Driver 1-10V 2-12W	ILAR-00729
	Dimmable Driver 1-10V 8-18W	ILAR-00728

# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## UNA CCT



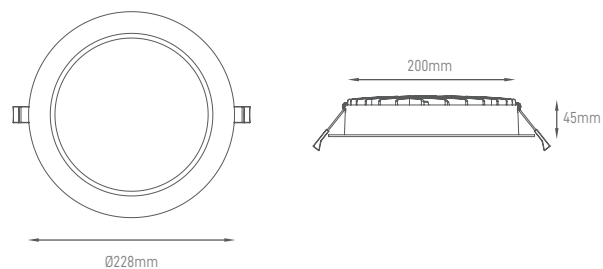
Downlight Dimável que permite a mudança da temperatura de luz (3000k-4000k-5700k), design elegante, lente opal para um desempenho superior e alta proteção (IP54). Ideal para locais onde seja necessária a flexibilidade de adaptação de ambiente/cor.

Versatile Dimmable Downlight with color temperature change possibility (3000k-4000k-5700k), stylish design, opal lens for superior performance and high protection (IP54). Ideal for locations where flexibility of adapting environment/color is required.

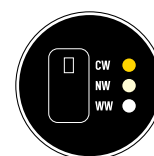
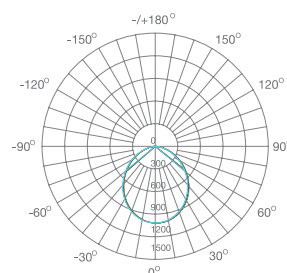
Downlight regulable con posibilidad de cambio de temperatura de la luz (3000k-4000k-5700k), diseño elegante, lente opal para un rendimiento superior y alta protección (IP54). Ideal para lugares donde se requiere flexibilidad para adaptar el ambiente/color.

<b>WATTS</b>	<b>25W</b>
<b>CCT</b>	3000K / 4000K / 5700K
<b>TOTAL LUMINOUS FLUX</b>	2200-2650lm
<b>LUMINOUS EFFICACY</b>	88-105lm/w
<b>BEAM ANGLE</b>	90°
<b>CRI</b>	≥80
<b>IP</b>	IP54
<b>VOLTAGE</b>	200-240V 50Hz
<b>SIZE</b>	Ø228 x 45mm
<b>CUT-OUT</b>	Ø200-210mm
<b>PROTECTION CLASS</b>	Class II
<b>PROTECTION CLASS IK</b>	-
<b>POWER FACTOR</b>	≥0.9
<b>NOMINAL LIFETIME</b>	50.000H
<b>STARTING TIME 100% ON</b>	0.0001s
<b>ON/OFF CYCLES</b>	100.000
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	Sanan
<b>DRIVER BRAND</b>	Aronlight
<b>MOUNTING TYPE</b>	Recessed
<b>BODY MATERIAL</b>	Aluminium
<b>COLOR</b>	White RAL9016
<b>BODY SHAPE</b>	Round
<b>BOX QUANTITY</b>	10 pcs/carton
<b>GROSS WEIGHT</b>	10.5kg
<b>SKU</b>	ILAR-00708

### TECHNICAL DRAWING



### BEAM ANGLE



CCT  
3000K / 4000K / 5700K




## UNA

Downlight Dimável, design elegante, lente opal para um desempenho superior e alta proteção (IP54). Ideal para locais onde seja necessária a flexibilidade de adaptação de ambiente/cor.

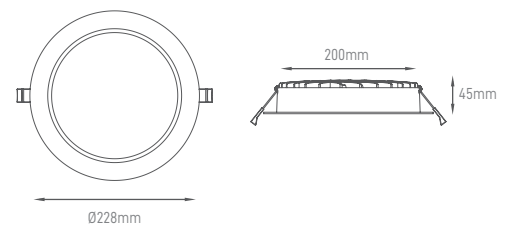
Versatile Dimmable Downlight, stylish design, opal lens for superior performance and high protection (IP54). Ideal for locations where flexibility of adapting environment/color is required.



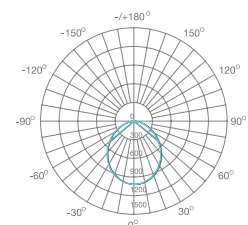
Downlight regulable, diseño elegante, lente opal para un rendimiento superior y alta protección (IP54). Ideal para lugares donde se requiere flexibilidad para adaptar el ambiente/color.

WATTS	15W	15W	18W	18W
CCT	3000K	4000K	3000K	4000K
TOTAL LUMINOUS FLUX	1560lm	1560lm	1890lm	1890lm
LUMINOUS EFFICACY	105lm/w	105lm/w	105lm/w	105lm/w
BEAM ANGLE	90°	90°	90°	90°
CRI	≥80	≥80	≥80	≥80
IP	IP54	IP54	IP54	IP54
VOLTAGE	200-240V 50Hz	200-240V 50Hz	200-240V 50Hz	200-240V 50Hz
SIZE	Ø145 x 45mm	Ø145 x 45mm	Ø228 x 45mm	Ø228 x 45mm
CUT-OUT	Ø120-130mm	Ø120-130mm	Ø200-210mm	Ø200-210mm
PROTECTION CLASS	Class II	Class II	Class II	Class II
PROTECTION CLASS IK	-	-	-	-
POWER FACTOR	≥0.9	≥0.9	≥0.9	≥0.9
NOMINAL LIFETIME	50.000H	50.000H	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	Sanan	Sanan	Sanan	Sanan
DRIVER BRAND	Aronlight	Aronlight	Aronlight	Aronlight
MOUNTING TYPE	Recessed	Recessed	Recessed	Recessed
BODY MATERIAL	Aluminium	Aluminium	Aluminium	Aluminium
COLOR	White RAL9016	White RAL9016	White RAL9016	White RAL9016
BODY SHAPE	Round	Round	Round	Round
BOX QUANTITY	10 pcs/carton	10 pcs/carton	10 pcs/carton	10 pcs/carton
GROSS WEIGHT	10.5kg	10.5kg	10.5kg	10.5kg
SKU	 ILAR-01000	ILAR-01001	ILAR-01003	ILAR-01002


### TECHNICAL DRAWING



### BEAM ANGLE

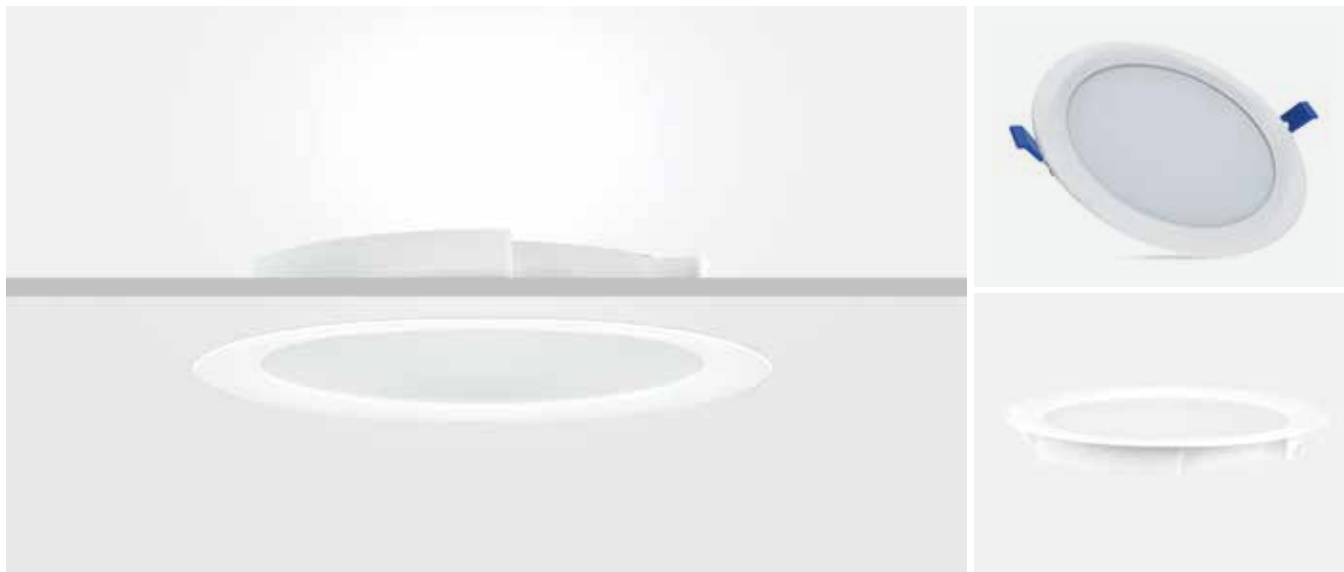


### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	Dimmable Driver Triac	ILAR-01014

# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## DOWNLIGHT BACKLITE



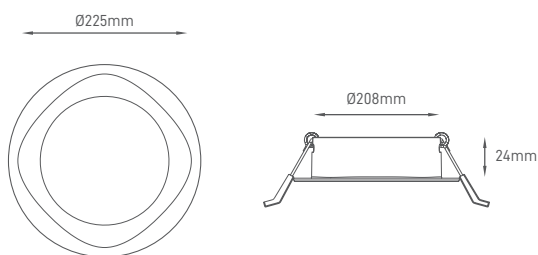
Panel de encastrar com placa de Led de luz direta, permitindo uma melhor homogeneidade de luz e evitando o efeito de amarelamento. O painel é elaborado em plástico resistente tornando-o mais seguro para quem o vai manusear.

Recessed panel with direct light LED board, allowing a better light homogeneity and avoiding the yellowing effect. The panel is made of durable plastic making it safer for those who will handle it.

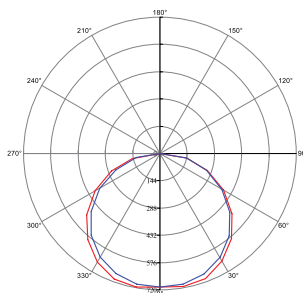
Panel de empotrar con luz directa, que permite una mejor homogeneidad de la luz y evita el efecto de amarilleo. El panel está hecho de plástico premium, lo que lo hace más seguro para quien lo va a manejar.

WATTS	18W	18W
CCT	4000K	6500K
TOTAL LUMINOUS FLUX	1340lm	1440lm
LUMINOUS EFFICACY	80lm/w	80lm/w
BEAM ANGLE	120°	120°
CRI	≥80	≥80
IP	IP40	IP40
VOLTAGE	200-240V	200-240V
SIZE	Ø225x24mm	Ø225x24mm
CUT-OUT	Ø208mm	Ø208mm
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	-	-
POWER FACTOR	≥0.5	≥0.5
NOMINAL LIFETIME	25000H	25000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	50.000	50.000
ENERGY LABEL	A+	A+
LED BRAND	SAMSUNG	SAMSUNG
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Recessed	Recessed
BODY MATERIAL	PVC	PVC
COLOR	White	White
BODY SHAPE	Round	Round
BOX QUANTITY	10 pcs/carton	10 pcs/carton
GROSS WEIGHT	-	-
SKU	ILAR-00872	ILAR-00873

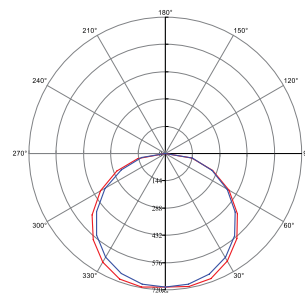
### TECHNICAL DRAWING



### BEAM ANGLE



### BEAM ANGLE





# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## JAZ ROUND

SANAN LED ALUMINIUM IP54

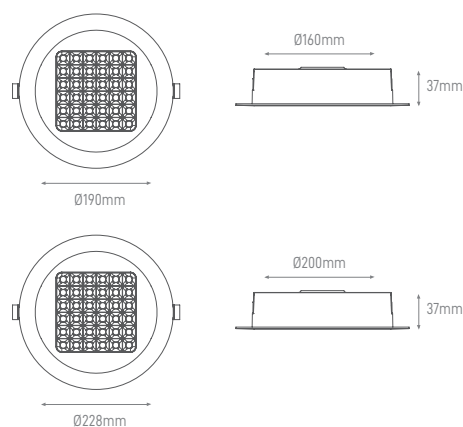
Panel de encastrar redondo com design ultra fino, elevado nível de proteção (IP54), elevada eficiência (110Lm/W) e um nível de encadeamento muito baixo (UGR <16). É indicado para uma utilização profissional ou ambientes onde o esforço ocular seja elevado (escolas, hospitais, etc.)

Ultra thin round downlight design, with high protection level (IP54), high efficiency (110Lm/W) and a very low glaring level (UGR <16). It is recommended for professional use or environments where the level of eye strain is high (schools, hospitals, etc.)

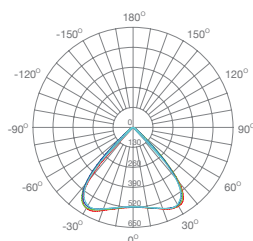
Downlight redondo con diseño ultra fino, con alto nivel de protección (IP54), alta eficiencia (110Lm/W) y un nivel muy bajo de deslumbramiento (UGR <16). Se recomienda para uso profesional o en entornos donde el nivel de fatiga visual es alto (escuelas, hospitales, etc.)

WATTS	18W	25W
CCT	4000k	4000k
TOTAL LUMINOUS FLUX	2000lm	2900lm
LUMINOUS EFFICACY	111lm/w	111lm/w
BEAM ANGLE	90°	90°
CRI	≥80	≥80
IP	IP54	IP54
VOLTAGE	AC100-277V	AC100-277V
SIZE	Ø190x37mm	Ø228x37mm
CUT-OUT	Ø160mm	Ø200mm
PROTECTION CLASS	Class I	Class I
PROTECTION CLASS IK	-	-
POWER FACTOR	≥0.9	≥0.9
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Sanan	Sanan
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Recessed	Recessed
BODY MATERIAL	Aluminium + PC	Aluminium + PC
COLOR	White RAL9016	White RAL9016
BODY SHAPE	Round	Round
BOX QUANTITY	24 pcs/carton	24 pcs/carton
GROSS WEIGHT	14.2kg	17.8kg
SKU	<b>ILAR-00690</b>	<b>ILAR-00693</b>

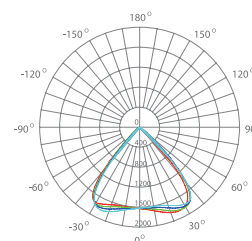
### TECHNICAL DRAWING



### BEAM ANGLE



### BEAM ANGLE





## JAZ SQUARE



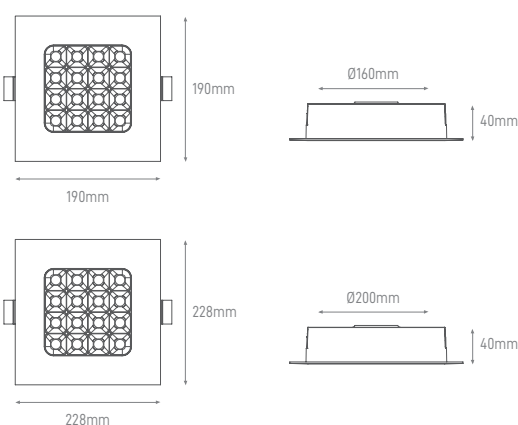
Painel de encastrar quadrado com design ultra fino, elevado nível de proteção (IP54), elevada eficiência (110Lm/W) e um nível de encadeamento muito baixo (UGR <16). É indicado para uma utilização profissional ou ambientes onde o esforço ocular seja elevado (escolas, hospitais, etc.)

Ultra thin square downlight design, with high protection level (IP54), high efficiency (110Lm/W) and a very low glaring level (UGR <16). It is recommended for professional use or environments where the level of eye strain is high (schools, hospitals, etc.)

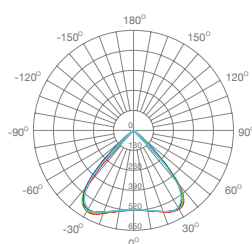
Downlight cuadrado con diseño ultra fino, con alto nivel de protección (IP54), alta eficiencia (110Lm/W) y un nivel muy bajo de deslumbramiento (UGR <16). Se recomienda para uso profesional o en entornos donde el nivel de fatiga visual es alto (escuelas, hospitales, etc.)

WATTS	18W	25W
CCT	4000k	4000k
TOTAL LUMINOUS FLUX	2000lm	2900lm
LUMINOUS EFFICACY	111lm/w	111lm/w
BEAM ANGLE	90°	90°
CRI	≥80	≥80
IP	IP54	IP54
VOLTAGE	AC100-277V	AC100-277V
SIZE	190x190x40mm	228x228x40mm
CUT-OUT	160mm	200mm
PROTECTION CLASS	Class I	Class I
PROTECTION CLASS IK	-	-
POWER FACTOR	≥0.9	≥0.9
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Sanan	Sanan
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Recessed	Recessed
BODY MATERIAL	Aluminium+PC	Aluminium+PC
COLOR	White RAL9016	White RAL9016
BODY SHAPE	Square	Square
BOX QUANTITY	24 pcs/carton	24 pcs/carton
GROSS WEIGHT	16.54kg	17.8kg
SKU	<b>ILAR-00684</b>	<b>ILAR-00687</b>

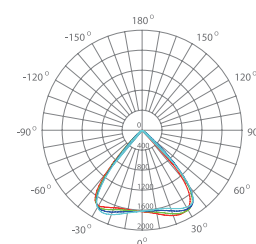
### TECHNICAL DRAWING



### BEAM ANGLE



### BEAM ANGLE





# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## LYSS

Panel de design inovador com uma ótima distribuição de luz e baixo encandeamento (UGR <13). Possui elevada eficiência (110LM/W). Ideal para uma utilização profissional (escritório, escolas, hospitais).

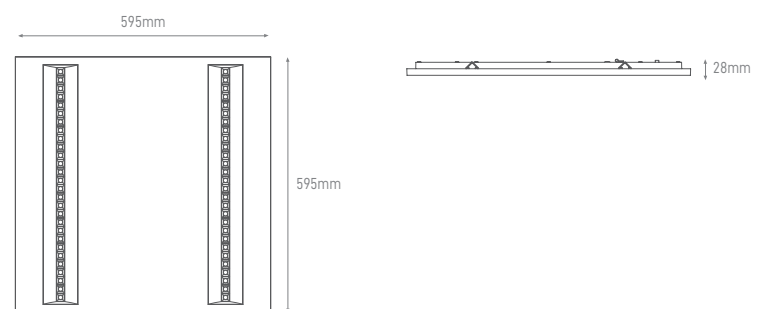
Innovative design panel with optimum light distribution, low glaring (UGR <13), and superior efficiency (110LM LM/W). Ideal for professional use (office, schools, hospitals).

Panel de diseño innovador con una extraordinaria distribución de luz, bajo deslumbramiento (UGR <13), y eficiencia superior (110LM LM/W). Ideal para uso profesional (oficinas, escuelas, hospitales).

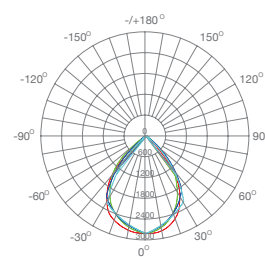


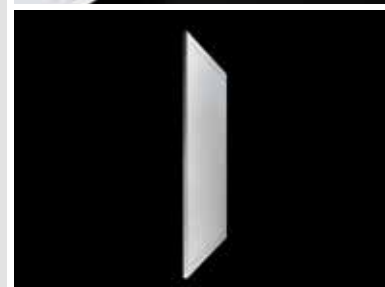
WATTS	35W
CCT	4000K
TOTAL LUMINOUS FLUX	3850lm
LUMINOUS EFFICACY	110lm/w
BEAM ANGLE	90°
UGR	<13
CRI	≥80
IP	IP40
VOLTAGE	200-240V 50/60Hz
SIZE	595x595x28mm
CUT-OUT	580x580mm
PROTECTION CLASS	Class II
PROTECTION CLASS IK	-
POWER FACTOR	≥0.9
NOMINAL LIFETIME	50.000H
STARTING TIME 100% ON	0.0001s
ON/OFF CYCLES	100.000
ENERGY LABEL	A+
LED BRAND	Sanan
DRIVER BRAND	Aronlight
MOUNTING TYPE	Recessed/Suspended
BODY MATERIAL	Aluminium
COLOR	White RAL9016
BODY SHAPE	Square
PACKAGING UNIT	5 pcs/carton
GROSS WEIGHT	18kg
SKU	ILAR-00651

### TECHNICAL DRAWING



### BEAM ANGLE





## PAINEL BACKLIT 60X60



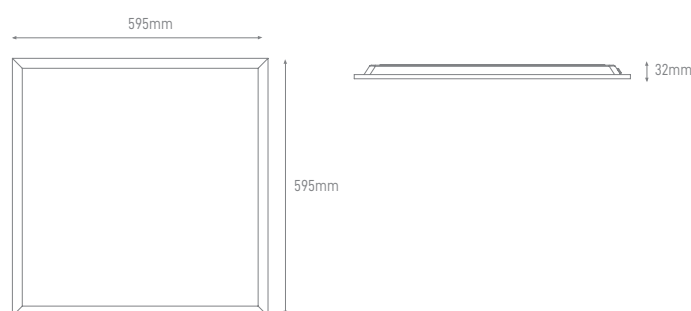
Panel de tecnologia Backlit (Luz direta) permite uma melhor uniformidade de luz evitando o efeito de se tornar amarelo (não utiliza LGP). proteção IP44 para todo o tipo de instalação e consumo de 35W com elevada eficiência.

Backlit technology panel allows better light uniformity avoiding the yellowing effect (does not use LGP). IP44 protection for all types of installation and 35W Power with high efficiency.

Panel de tecnología retroiluminada permite una mejor uniformidad de la luz evitando el efecto de amarillamiento (no utiliza LGP), protección IP44 para todo tipo de instalación y 35W de potencia con alta eficiencia.

WATTS	35W	35W
CCT	4000K	5700K
TOTAL LUMINOUS FLUX	3600lm	3640lm
LUMINOUS EFFICACY	110lm/w	110lm/w
BEAM ANGLE	120°	120°
UGR	<19	<19
CRI	≥80	≥80
IP	IP44	IP44
VOLTAGE	200-240V	200-240V
SIZE	595x595x32mm	595x595x32mm
CUT-OUT	590x590mm	590x590mm
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	-	-
POWER FACTOR	≥0.9	≥0.9
NOMINAL LIFETIME	50000H	50000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	-	-
ENERGY LABEL	A+	A+
LED BRAND	Sanan	Sanan
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Recessed	Recessed
BODY MATERIAL	Aluminium	Aluminium
COLOR	White	White
BODY SHAPE	Square	Square
PACKAGING UNIT	5 pcs / carton	5 pcs / carton
GROSS WEIGHT	-	-
SKU	ILAR-00856	ILAR-00857

### TECHNICAL DRAWING

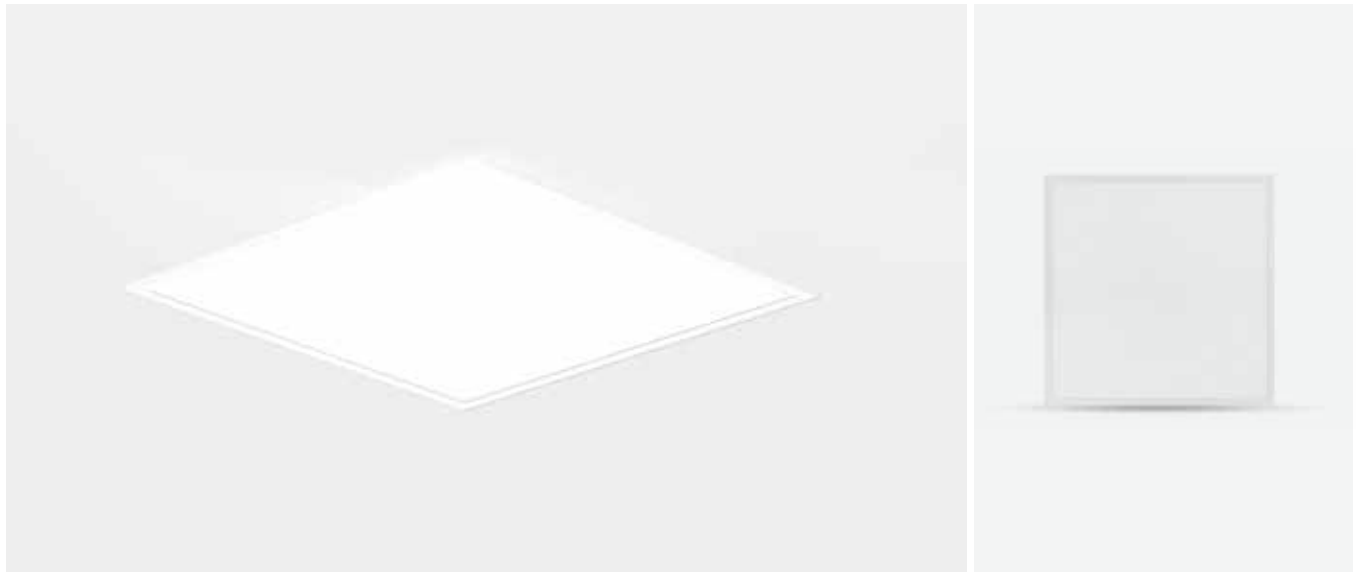


### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	Dimmable Driver 40W	ILAR-00496
	Kit Molas Recessed Kit Kit Empotrar	ILAR-00859

# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## PAINEL LED PRO 60X60

GREENSO DRIVER   EPISTAR LED   ALUMINIUM   IP40

Painel branco com design discreto, uma combinação perfeita de elegância e simplicidade. Possibilidade de UGR <21 ou <19.

White panel with smooth design, a perfect combination of elegance and simplicity. Possibility of UGR <21 or <19.

Panel blanco de líneas suaves, una perfecta combinación entre elegancia y simplicidad. Posibilidad de UGR <21 o <19.

UGR <21

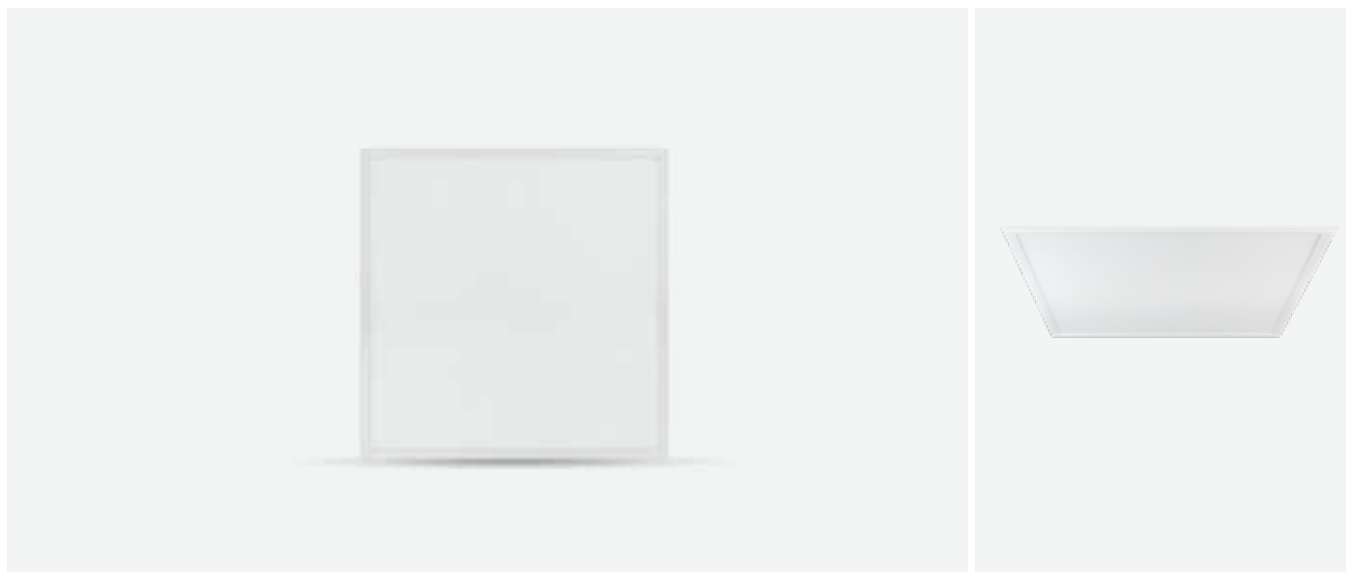
WATTS	CCT	LUMENS	LUMINOUS EFFICACY	BEAM ANGLE	CRI	VOLTAGE	UGR	EOL - END OF LIFE	PROTECTION CLASS	POWER FACTOR	SIZE	CUT-OUT	MATERIAL	BOX QTY	SKU
40W	4500K	3600lm	90lm/w	120°	≥80	200-240V	<21	15000H	Class II	≥0.95	600x600mm	590x590mm	Aluminium	5	ILAR-00330
40W	6500K	3600lm	90lm/w	120°	≥80	200-240V	<21	15000H	Class II	≥0.95	600x600mm	590x590mm	Aluminium	5	ILAR-00331

UGR <19

WATTS	CCT	LUMENS	LUMINOUS EFFICACY	BEAM ANGLE	CRI	VOLTAGE	UGR	EOL - END OF LIFE	PROTECTION CLASS	POWER FACTOR	SIZE	CUT-OUT	MATERIAL	BOX QTY	SKU
40W	4500K	3600lm	90lm/w	120°	≥80	200-240V	<19	15000H	Class II	≥0.95	600x600mm	590x590mm	Aluminium	5	ILAR-00802
40W	6500K	3600lm	90lm/w	120°	≥80	200-240V	<19	15000H	Class II	≥0.95	600x600mm	590x590mm	Aluminium	5	ILAR-00803

### RECOMMENDED ACCESSORIES

DESCRIPTION	SKU	DESCRIPTION	SKU
 Kit de Superfície Surface / Superficie 60 x 60 x 4,4 cm	ILAR-00332	 Kit de Suspensão Kit suspended / Suspensión 60 x 60cm	ILAR-00511
 Kit de Encastrar com Molas Recessed / Empotrado 60 x 60cm	ILAR-00333	 Dimmable Driver 1-10V	ILAR-00496



## PAINEL LED COMPACT 60X60

GREENSO DRIVER EPISTAR LED ALUMINIUM IP40

Painel branco com design discreto, combinação perfeita de elegância e simplicidade.

White panel with smooth design, a perfect combination of elegance and simplicity.

Panel blanco de líneas suaves, una perfecta combinación entre elegancia y simplicidad.

UGR <21

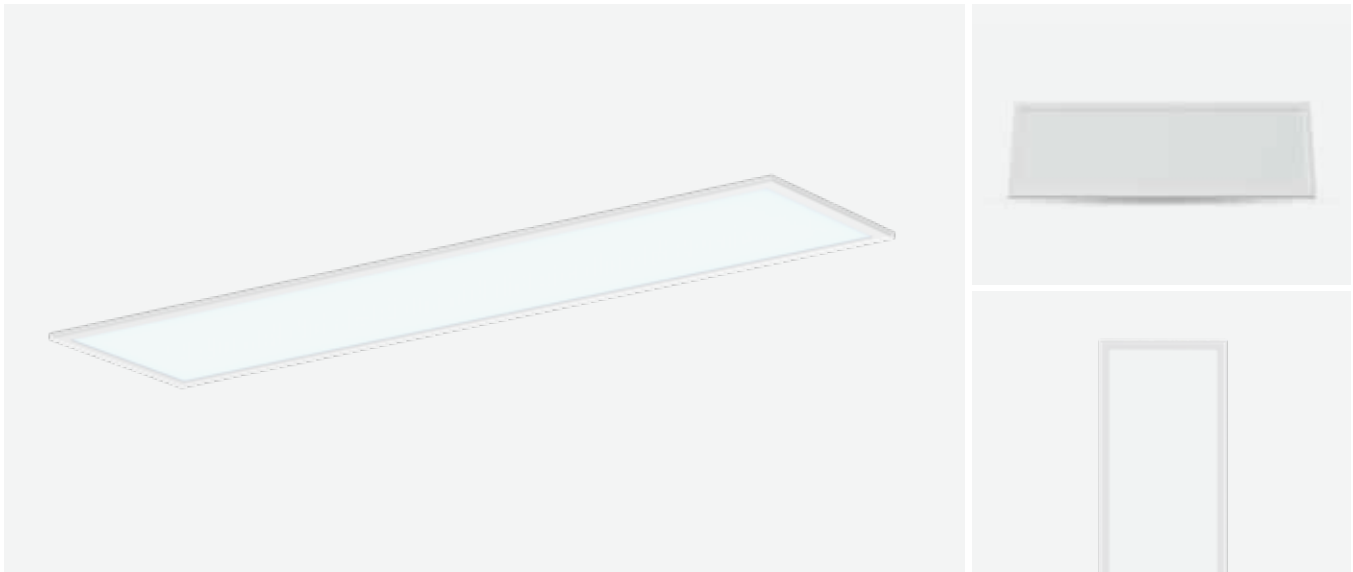
WATTS	CCT	LUMENS	LUMINOUS EFFICACY	BEAM ANGLE	CRI	VOLTAGE	UGR	EOL - END OF LIFE	PROTECTION CLASS	POWER FACTOR	SIZE	CUT-OUT	MATERIAL	BOX QTY	SKU
40W	4000K	3600lm	90lm/w	120°	≥80	200-240V	<21	15000H	Class II	≥0.95	600x600mm	590x590mm	Aluminium	5	ILAR-00921
40W	5500K	3600lm	90lm/w	120°	≥80	200-240V	<21	15000H	Class II	≥0.95	600x600mm	590x590mm	Aluminium	5	ILAR-00922

### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU		DESCRIPTION	SKU
	Kit de Superfície Surface / Superficie 60 x 60 x 4,4 cm	ILAR-00332		Kit de Suspensão Kit suspended / Suspensión 60 x 60cm	ILAR-00511
	Kit de Encastrar com Molas Recessed / Empotrado 60 x 60cm	ILAR-00333		Dimmable Driver 1-10V	ILAR-00496

# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## PAINEL LED PRO 30X120

GREENSO DRIVER   EPISTAR LED   ALUMINIUM   IP40

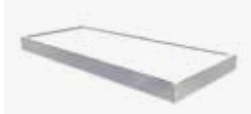



Panel branco com design discreto, uma combinação perfeita de elegância e simplicidade.

White panel with smooth design, a perfect combination of elegance and simplicity.

Panel blanco de líneas suaves, una perfecta combinación entre elegancia y simplicidad.

WATTS	40W	40W
CCT	4500K	6500K
TOTAL LUMINOUS FLUX	3600lm	3600lm
LUMINOUS EFFICACY	90lm/w	90lm/w
BEAM ANGLE	120°	120°
UGR	<13	<13
CRI	≥80	≥80
IP	IP40	IP40
VOLTAGE	200-240V 50Hz	200-240V 50Hz
SIZE	120x300mm	120x300mm
CUT-OUT	110x200mm	110x200mm
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	-	-
POWER FACTOR	≥0.95	≥0.95
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Epistar	Epistar
DRIVER BRAND	Greenso Driver	Greenso Driver
MOUNTING TYPE	Recessed	Recessed
BODY MATERIAL	Aluminium	Aluminium
COLOR	White	White
BODY SHAPE	Rectangular	Rectangular
BOX QUANTITY	5 pcs/carton	5 pcs/carton
SKU	<b>ILAR-00506</b>	<b>ILAR-00507</b>

### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	Kit de Superfície Surface / Superficie 30x120 x 4.4 cm	<b>ILAR-00509</b>
	Kit de Encastrar com Molas Recessed / Empotrado 30 x 120cm	<b>ILAR-00508</b>
	Kit de Suspensão Kit suspended / Suspensión 120 x 30cm	<b>ILAR-00510</b>
	Dimmable Driver 1-10V	<b>ILAR-00496</b>



## DRIVER DIMÁVEL C.C.

DIMMABLE DRIVER C.C. / FUENTES REGULABLES

- ✔ Dimming: 1-10V / 0-10V
- ✔ Output Voltage: 24-63 Vdc
- ✔ Output Current: 300 mA
- ✔ Output Power: 8-18W

ILAR-00728



## DRIVER DIMÁVEL C.C.

DIMMABLE DRIVER C.C. / FUENTES REGULABLES

- ✔ Dimming: 1-10V / 0-10V
- ✔ Output Voltage: 6-45 Vdc
- ✔ Output Current: 300 mA
- ✔ Output Power: 2-12W

ILAR-00729



## KIT DE EMERGÊNCIA

EMERGENCY KIT / KIT DE EMERGENCIA

- ✔ Emergency kit 4.8V / 1.5 Ah
- ✔ Output Voltage: 12-58 Vdc
- ✔ Output Current: 350 mA
- ✔ Battery: 1.5 h

ILAR-00617



## DRIVER DIMÁVEL C.C.

DIMMABLE DRIVER C.C. / FUENTES REGULABLES

Size: 155x144.6x76x62.5x30mm

5 ANOS GARANTIA

	OUTPUT POWER RANGE	OUTPUT CURRENT	OUTPUT VOLTAGE RANGE	POWER FACTOR	MAX. SYSTEM EFFICIENCY	MAX. TEMP. AT TC POINT	OPERATING TEMPERATURE	PROTECTION CLASS	IP	SKU
DLCM 25/250... 600-2E-C2-M4D	3,5... 25	250... 600	14... 42	0,95	87	90	-20...+45	Class II	IP20	ILAR-00925



## DRIVER DIMÁVEL C.C.

DIMMABLE DRIVER C.C. / FUENTES REGULABLES

Size: 155x144.6x76x62.5x30mm

5 ANOS GARANTIA

	OUTPUT POWER RANGE	OUTPUT CURRENT	OUTPUT VOLTAGE RANGE	POWER FACTOR	MAX. SYSTEM EFFICIENCY	MAX. TEMP. AT TC POINT	OPERATING TEMPERATURE	PROTECTION CLASS	IP	SKU
DLCM 46/650... 1100-2E-C2-M4D	9,1... 46	650... 1100	14... 42	0,95	87	90	-20...+45	Class II	IP20	ILAR-00926

# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## CHIADO

TRIDONIC DRIVER   CREE LED   ALUMINIUM

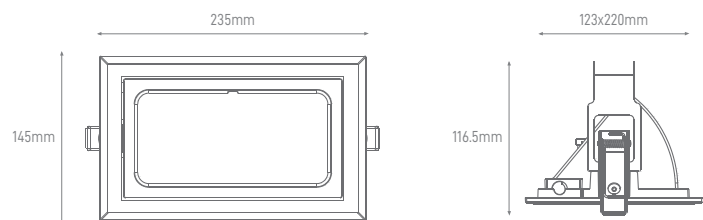
Projektor de encastrar de alumínio para teto com mecanismo de inclinação ajustável e um feixe de luz de 110°. É ideal para soluções onde pretenda um ambiente com uma iluminação de ângulo aberto e uma performance superior (Driver Tridonic, Led Epistar).

Aluminium recessed ceiling Downlight with adjustable tilt mechanism and a 110° light beam. It is ideal for solutions where you need an environment with open-angle lighting and superior performance (Driver Tridonic, Led Epistar).

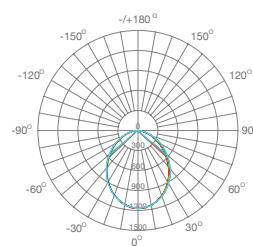
Proyector de techo empotrable de aluminio con mecanismo de inclinación ajustable y un haz de luz de 110° es ideal para soluciones en las que desea un entorno con iluminación de ángulo abierto y un rendimiento superior (Driver Tridonic, Led Epistar).

WATTS	35W	35W
CCT	3000K	4000K
TOTAL LUMINOUS FLUX	2720lm	3085lm
LUMINOUS EFFICACY	78lm/w	88lm/w
BEAM ANGLE	110°	110°
CRI	≥80	≥80
IP	IP40	IP40
VOLTAGE	200-240V 50Hz	200-240V 50Hz
SIZE	235 x 145 x 116.5mm	235 x 145 x 116.5mm
CUT-OUT	220x123mm	220x123mm
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK3	IK3
POWER FACTOR	≥0.9	≥0.9
NOMINAL LIFETIME	35.000H	35.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	>15000	>15000
ENERGY LABEL	A+	A+
LED BRAND	CREE	CREE
DRIVER BRAND	Tridonic	Tridonic
MOUNTING TYPE	Recessed	Recessed
BODY MATERIAL	Aluminium	Aluminium
COLOR	White	White
BODY SHAPE	Rectangular	Rectangular
BOX QUANTITY	8 pcs/carton	8 pcs/carton
GROSS WEIGHT	16Kg	16Kg
SKU	ILAR-00578	ILAR-00579

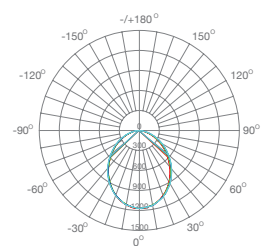
### TECHNICAL DRAWING



### BEAM ANGLE



### BEAM ANGLE





## RITZ

Projetor de encastrar ajustável, ideal para projetos de iluminação comercial, com design e acabamento em alumínio fundido, elevada eficiência (CREE LED 100LM/W) e longevidade (Tridonic Driver 50.000H), feixe de luz uniforme de 38°, rotação vertical de 45° e horizontal de 350° e baixo encadeamento (UGR <19).

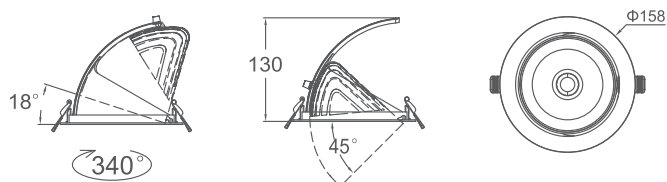
Recessed adjustable projector, ideal for lighting projects commercial, in die casting aluminium, with high efficiency (CREE LED 100LM/W) and longevity (Tridonic 50,000H driver), uniform light beam of 38°, vertical rotation of 45° and horizontal of 350°, and low glaring (UGR <19).

Proyector de empotrar ajustable ideal para proyectos de iluminación comercial, en fundición de aluminio, con alta eficiencia (CREE LED 100LM/W) y longevidad (Tridonic 50,000H driver), haz de luz uniforme de 38°, rotación vertical de 45° y horizontal de 350° y poco deslumbrante (UGR <19).

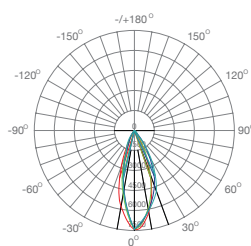


WATTS	33W	33W
CCT	3000K	4000K
TOTAL LUMINOUS FLUX	2735lm	2812lm
LUMINOUS EFFICACY	80lm/w	80lm/w
BEAM ANGLE	38°	38°
CRI	≥80	≥80
IP	IP20	IP20
VOLTAGE	200-240V 50Hz	200-240V 50Hz
SIZE	Ø158 x 130mm	Ø158 x 130mm
CUT-OUT	Ø145mm	Ø145mm
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK3	IK3
POWER FACTOR	≥0.9	≥0.9
NOMINAL LIFETIME	35.000H	35.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	>15000	>15000
ENERGY LABEL	A+	A+
LED BRAND	CREE	CREE
DRIVER BRAND	Tridonic	Tridonic
MOUNTING TYPE	Recessed	Recessed
BODY MATERIAL	Aluminium	Aluminium
COLOR	White	White
BODY SHAPE	Round	Round
BOX QUANTITY	12 pcs/carton	12 pcs/carton
GROSS WEIGHT	13.3Kg	13.3Kg
SKU	ILAR-00575	ILAR-00576

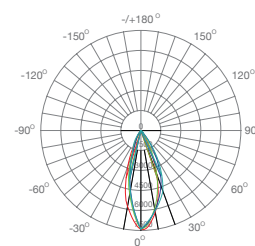
### TECHNICAL DRAWING



### BEAM ANGLE



### BEAM ANGLE





# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## QUANT ONE

Luminária de design clássico com acabamentos modernos e componentes de alta performance. A rotação de 340°, o difusor inovador de foco central de 36° aliados ao Led CREE de alta eficiência (100LM/W) fazem da linha Quant a escolha ideal para qualquer solução comercial.

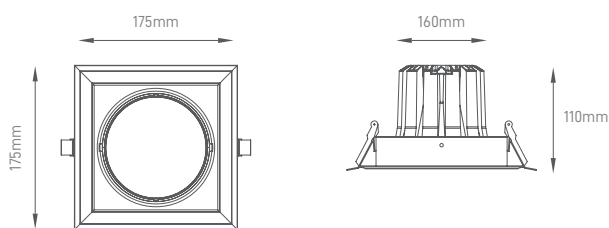
Classic design luminaire with modern finishes and high performance components. The 340° rotation, the innovative 36° central focus diffuser coupled with the high efficiency CREE LED (100LM/W) make the Quant line the ideal choice for any commercial solution.

Luminaria de diseño clásico con acabados modernos y componentes de alto rendimiento. La rotación de 340°, el innovador difusor de foco central de 36° junto con el Led CREE de alta eficiencia (100LM/W) hacen de la línea Quant la opción ideal para cualquier solución comercial.

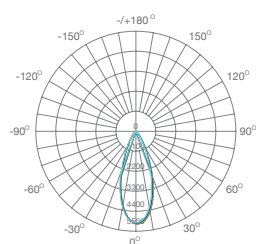


<b>WATTS</b>	<b>30W - BLACK</b>
<b>CCT</b>	2700K
<b>TOTAL LUMINOUS FLUX</b>	2650lm
<b>LUMINOUS EFFICACY</b>	88lm/w
<b>BEAM ANGLE</b>	36°
<b>CRI</b>	≥80
<b>IP</b>	IP20
<b>VOLTAGE</b>	200-240V 50Hz
<b>SIZE</b>	175x175x110mm
<b>CUT-OUT</b>	160x160mm
<b>PROTECTION CLASS</b>	Class II
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	≥0.9
<b>NOMINAL LIFETIME</b>	50.000H
<b>STARTING TIME 100% ON</b>	0.0001s
<b>ON/OFF CYCLES</b>	100.000
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	CREE
<b>DRIVER BRAND</b>	Tridonic
<b>MOUNTING TYPE</b>	Recessed
<b>BODY MATERIAL</b>	Aluminium
<b>COLOR</b>	Black
<b>BODY SHAPE</b>	Square
<b>BOX QUANTITY</b>	12 pcs/carton
<b>GROSS WEIGHT</b>	15.8kg
<b>SKU</b>	ILAR-00665

### TECHNICAL DRAWING



### BEAM ANGLE





## QUANT ONE

Luminária de design clássico com acabamentos modernos e componentes de alta performance. A rotação de 340°, o difusor inovador de foco central de 36° aliados ao Led CREE de alta eficiência (100LM/W) fazem da linha Quant a escolha ideal para qualquer solução comercial.

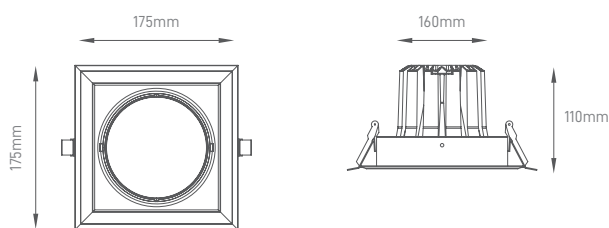
Classic design luminaire with modern finishes and high performance components. The 340° rotation, the innovative 36° central focus diffuser coupled with the high efficiency CREE LED (100LM/W) make the Quant line the ideal choice for any commercial solution.

Luminaria de diseño clásico con acabados modernos y componentes de alto rendimiento. La rotación de 340°, el innovador difusor de foco central de 36° junto con el Led CREE de alta eficiencia (100LM/W) hacen de la línea Quant la opción ideal para cualquier solución comercial.

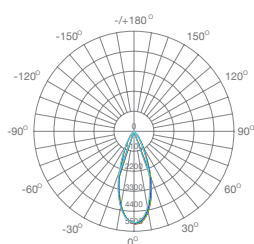


WATTS	30W - WHITE
CCT	2700K
TOTAL LUMINOUS FLUX	2650lm
LUMINOUS EFFICACY	88lm/w
BEAM ANGLE	36°
CRI	≥80
IP	IP20
VOLTAGE	200-240V 50Hz
SIZE	175x175x110mm
CUT-OUT	160x160mm
PROTECTION CLASS	Class II
PROTECTION CLASS IK	IK06
POWER FACTOR	≥0.9
NOMINAL LIFETIME	50.000H
STARTING TIME 100% ON	0.0001s
ON/OFF CYCLES	100.000
ENERGY LABEL	A+
LED BRAND	CREE
DRIVER BRAND	Tridonic
MOUNTING TYPE	Recessed
BODY MATERIAL	Aluminium
COLOR	White
BODY SHAPE	Square
BOX QUANTITY	12 pcs/carton
GROSS WEIGHT	15.8kg
SKU	ILAR-00676

### TECHNICAL DRAWING



### BEAM ANGLE



# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## QUANT DOUBLE

Luminária de design clássico com acabamentos modernos e componentes de alta performance. A rotação de 340°, o difusor inovador de foco central de 36° aliados ao Led CREE de alta eficiência (100LM/W) fazem da linha Quant a escolha ideal para qualquer solução comercial.

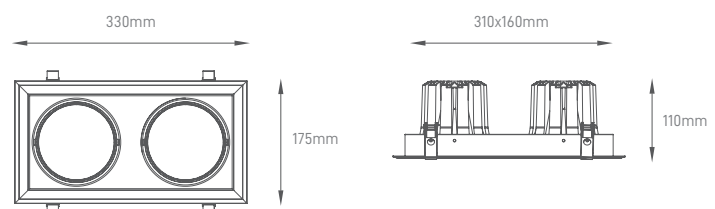
Classic design luminaire with modern finishes and high performance components. The 340° rotation, the innovative 36° central focus diffuser coupled with the high efficiency Led CREE (100LM/W) make the Quant line the ideal choice for any commercial solution.

Luminaria de diseño clásico con acabados modernos y componentes de alto rendimiento. La rotación de 340°, el innovador difusor de foco central de 36° junto con el CREE LED de alta eficiencia (100LM/W) hacen de la línea Quant la opción ideal para cualquier solución comercial.

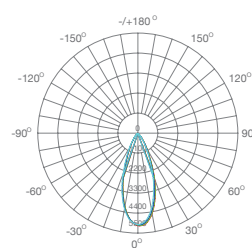
TRIDONIC DRIVER   CREE LED   ALUMINIUM

<b>WATTS</b>	<b>60W - BLACK</b>
<b>CCT</b>	2700K
<b>TOTAL LUMINOUS FLUX</b>	5000lm
<b>LUMINOUS EFFICACY</b>	83lm/w
<b>BEAM ANGLE</b>	36°
<b>CRI</b>	≥80
<b>IP</b>	IP20
<b>VOLTAGE</b>	200-240V 50Hz
<b>SIZE</b>	330x175x110mm
<b>CUT-OUT</b>	310x160mm
<b>PROTECTION CLASS</b>	Class II
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	≥0.9
<b>NOMINAL LIFETIME</b>	50.000H
<b>STARTING TIME 100% ON</b>	0.0001s
<b>ON/OFF CYCLES</b>	100.000
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	CREE
<b>DRIVER BRAND</b>	Tridonic
<b>MOUNTING TYPE</b>	Recessed
<b>BODY MATERIAL</b>	Aluminium
<b>COLOR</b>	Black
<b>BODY SHAPE</b>	Square
<b>BOX QUANTITY</b>	6 pcs/carton
<b>GROSS WEIGHT</b>	14,5kg
<b>SKU</b>	ILAR-00668

### TECHNICAL DRAWING



### BEAM ANGLE





## QUANT DOUBLE

TRIDONIC DRIVER   CREE LED   ALUMINIUM

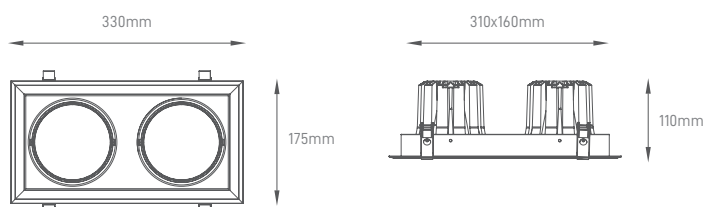
Luminária de design clássico com acabamentos modernos e componentes de alta performance. A rotação de 340°, o difusor inovador de foco central de 36° aliados ao Led CREE de alta eficiência (100LM/W) fazem da linha Quant a escolha ideal para qualquer solução comercial.

Classic design luminaire with modern finishes and high performance components. The 340° rotation, the innovative 36° central focus diffuser coupled with the high efficiency Led CREE (100LM/W) make the Quant line the ideal choice for any commercial solution.

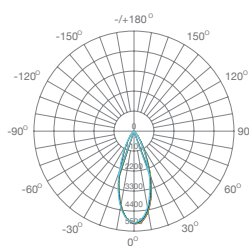
Luminaria de diseño clásico con acabados modernos y componentes de alto rendimiento. La rotación de 340°, el innovador difusor de foco central de 36° junto con el CREE LED de alta eficiencia (100LM/W) hacen de la línea Quant la opción ideal para cualquier solución comercial.

<b>WATTS</b>	<b>60W - WHITE</b>
<b>CCT</b>	2700K
<b>TOTAL LUMINOUS FLUX</b>	5000lm
<b>LUMINOUS EFFICACY</b>	83lm/w
<b>BEAM ANGLE</b>	36°
<b>CRI</b>	≥80
<b>IP</b>	IP20
<b>VOLTAGE</b>	200-240V 50Hz
<b>SIZE</b>	330x175x110mm
<b>CUT-OUT</b>	310x160mm
<b>PROTECTION CLASS</b>	Class II
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	≥0.9
<b>NOMINAL LIFETIME</b>	50.000H
<b>STARTING TIME 100% ON</b>	0.0001s
<b>ON/OFF CYCLES</b>	100.000
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	CREE
<b>DRIVER BRAND</b>	Tridonic
<b>MOUNTING TYPE</b>	Recessed
<b>BODY MATERIAL</b>	Aluminium
<b>COLOR</b>	White
<b>BODY SHAPE</b>	Square
<b>BOX QUANTITY</b>	6 pcs/carton
<b>GROSS WEIGHT</b>	14,5kg
<b>SKU</b>	<b>ILAR-00677</b>

### TECHNICAL DRAWING



### BEAM ANGLE



# INTERIOR

ENCASTRAR | RECESSED | EMPOTRAR



## QUANT TRIPLE

Luminária de design clássico com acabamentos modernos e componentes de alta performance. A rotação de 340°, o difusor inovador de foco central de 36° aliados ao Led CREE de alta eficiência (100LM/W) fazem da linha Quant a escolha ideal para qualquer solução comercial.

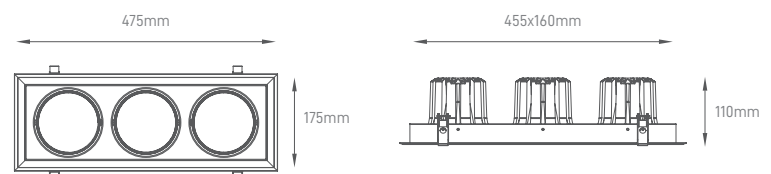
Classic design luminaire with modern finishes and high performance components. The 340° rotation, the innovative 36° central focus diffuser coupled with the high efficiency Led CREE (100LM/W) make the Quant line the ideal choice for any commercial solution.

Luminaria de diseño clásico con acabados modernos y componentes de alto rendimiento. La rotación de 340°, el innovador difusor de foco central de 36° junto con el CREE LED de alta eficiencia (100LM/W) hacen de la línea Quant la opción ideal para cualquier solución comercial.

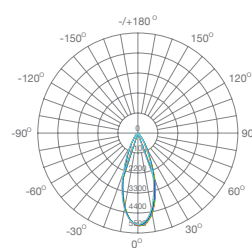
TRIDONIC DRIVER CREE LED ALUMINIUM

WATTS	90W - BLACK
CCT	2700K
TOTAL LUMINOUS FLUX	7800lm
LUMINOUS EFFICACY	87lm/w
BEAM ANGLE	36°
CRI	≥80
IP	IP20
VOLTAGE	200-240V 50Hz
SIZE	475 x 175 x 110mm
CUT-OUT	455 x 160mm
PROTECTION CLASS	Class II
PROTECTION CLASS IK	IK06
POWER FACTOR	≥0.9
NOMINAL LIFETIME	50.000H
STARTING TIME 100% ON	0.0001s
ON/OFF CYCLES	100.000
ENERGY LABEL	A+
LED BRAND	CREE
DRIVER BRAND	Tridonic
MOUNTING TYPE	Recessed
BODY MATERIAL	Aluminium
COLOR	Black
BODY SHAPE	Square
BOX QUANTITY	6 pcs/carton
GROSS WEIGHT	20.9kg
SKU	ILAR-00671

### TECHNICAL DRAWING



### BEAM ANGLE





## QUANT TRIPLE

Luminária de design clássico com acabamentos modernos e componentes de alta performance. A rotação de 340°, o difusor inovador de foco central de 36° aliados ao Led CREE de alta eficiência (100LM/W) fazem da linha Quant a escolha ideal para qualquer solução comercial.

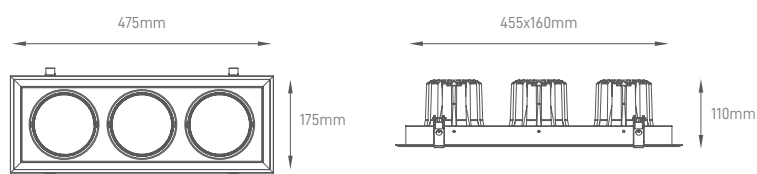
Classic design luminaire with modern finishes and high performance components. The 340° rotation, the innovative 36° central focus diffuser coupled with the high efficiency Led CREE (100LM/W) make the Quant line the ideal choice for any commercial solution.

Luminaria de diseño clásico con acabados modernos y componentes de alto rendimiento. La rotación de 340°, el innovador difusor de foco central de 36° junto con el CREE LED de alta eficiencia (100LM/W) hacen de la línea Quant la opción ideal para cualquier solución comercial.

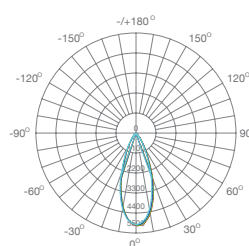


WATTS	90W - WHITE
CCT	2700K
TOTAL LUMINOUS FLUX	7800lm
LUMINOUS EFFICACY	87lm/w
BEAM ANGLE	36°
CRI	≥80
IP	IP20
VOLTAGE	200-240V 50Hz
SIZE	475 x 175 x 110mm
CUT-OUT	455 x 160mm
PROTECTION CLASS	Class II
PROTECTION CLASS IK	IK06
POWER FACTOR	≥0.9
NOMINAL LIFETIME	qq50.000H
STARTING TIME 100% ON	0.0001s
ON/OFF CYCLES	100.000
ENERGY LABEL	A+
LED BRAND	CREE
DRIVER BRAND	Tridonic
MOUNTING TYPE	Recessed
BODY MATERIAL	Aluminium
COLOR	White
BODY SHAPE	Square
BOX QUANTITY	6 pcs/carton
GROSS WEIGHT	20.9kg
SKU	ILAR-00680

### TECHNICAL DRAWING



### BEAM ANGLE





# INTERIOR

SUSPENSO

SUSPENDED

COLGANTES





# INTERIOR

SUSPENSO | SUSPENDED | COLGANTES



## PASCAL



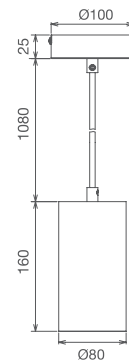
Luminária de ótima combinação estética e funcional, com uma excelente reprodução cromática (CRI >90) e elevada eficiência (CREE LED 100LM/W). O corpo de alumínio antioxidado e a ótima distribuição de luz fazem dela perfeita para um ambiente vivo e harmonioso.

Luminaire with an optimal combination of aesthetics and functionality, with excellent color rendering performance (CRI >90) and high efficiency (CREE LED 100LM/W). The antioxidant aluminium body and optimum light distribution are perfect to create a lively and harmonious environment.

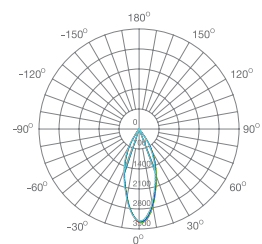
Luminaire con una combinación perfecta entre estética y funcionalidad, con elevada reproducción cromática (CRI >90) y alta eficiencia (CREE LED 100LM/W). El cuerpo de aluminio antioxidado y la buena distribución de la luz son perfectos para un ambiente con vida y armonioso.

WATTS	18W - WHITE	18W - WHITE	18W - BLACK	18W - BLACK
CCT	2700K	4000K	2700K	4000K
TOTAL LUMINOUS FLUX	1650lm	1750lm	1650lm	1750lm
LUMINOUS EFFICACY	92lm/w	97lm/w	92lm/w	97lm/w
BEAM ANGLE	36°	36°	36°	36°
CRI	≥90	≥90	≥90	≥90
IP	IP20	IP20	IP20	IP20
VOLTAGE	200-240V 50Hz	200-240V 50Hz	200-240V 50Hz	200-240V 50Hz
SIZE	Ø80 x 160mm	Ø80 x 160mm	Ø80 x 160mm	Ø80 x 160mm
CUT-OUT	Ø100mm	Ø100mm	Ø100mm	Ø100mm
PROTECTION CLASS	Class I	Class I	Class I	Class I
PROTECTION CLASS IK	IK06	IK06	IK06	IK06
POWER FACTOR	≥0.85	≥0.85	≥0.85	≥0.85
NOMINAL LIFETIME	50.000H	50.000H	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	CREE	CREE	CREE	CREE
DRIVER BRAND	Aronlight	Aronlight	Aronlight	Aronlight
MOUNTING TYPE	Suspended	Suspended	Suspended	Suspended
BODY MATERIAL	Aluminium	Aluminium	Aluminium	Aluminium
COLOR	White RAL9016	White RAL9016	Black RAL9005	Black RAL9005
BODY SHAPE	Round	Round	Round	Round
BOX QUANTITY	24 pcs/carton	24 pcs/carton	24 pcs/carton	24 pcs/carton
GROSS WEIGHT	19.5kg	19.5kg	19.5kg	19.5kg
SKU	ILAR-00701	ILAR-00702	ILAR-00704	ILAR-00705

### TECHNICAL DRAWING



### BEAM ANGLE





# THANE



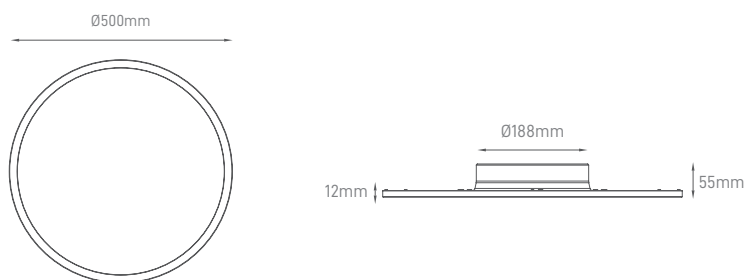
Luminária de decoração contemporânea com design circular e possibilidade de instalação no teto ou em suspensão. Ideal para criar diferentes ambientes, adaptando-se na perfeição a diferentes tipos de espaços como hotéis, cafés, restaurantes ou aeroportos.

Contemporary decoration luminaire with circular design and possibility of ceiling or suspended installation. Ideal for creating different environments, it can be adapted to different types of spaces such as hotels, cafes, restaurants or airports.

Luminaria de decoración contemporánea con diseño circular y posibilidad de instalación en el techo o suspendido. Ideal para crear diferente ambientes, adaptándose perfectamente a diferentes tipos de espacios como hoteles, cafeterías, restaurantes o aeropuertos.

WATTS	35W
CCT	4000K
TOTAL LUMINOUS FLUX	2900lm
LUMINOUS EFFICACY	83lm/w
BEAM ANGLE	120°
CRI	≥80
IP	IP40
VOLTAGE	200-240V 50Hz
SIZE	Ø500 x 12mm
CUT-OUT	Ø188mm
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
POWER FACTOR	≥0.9
NOMINAL LIFETIME	50.000H
STARTING TIME 100% ON	0.0001s
ON/OFF CYCLES	100.000
ENERGY LABEL	A+
LED BRAND	Sanan
DRIVER BRAND	Aronlight
MOUNTING TYPE	Recessed/Suspended
BODY MATERIAL	Aluminium
COLOR	White RAL9016
BODY SHAPE	Round
PACKAGING UNIT	4 pcs/carton
GROSS WEIGHT	17.5kg
KIT DE SUSPENSÃO	ILAR-00713
SKU	ILAR-00711

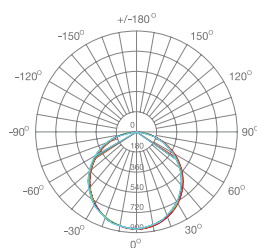
### TECHNICAL DRAWING



### OPÇÕES DE MONTAGEM

SALIENTE | SEMI-ENCASTRAR | SUSPENSO

### BEAM ANGLE

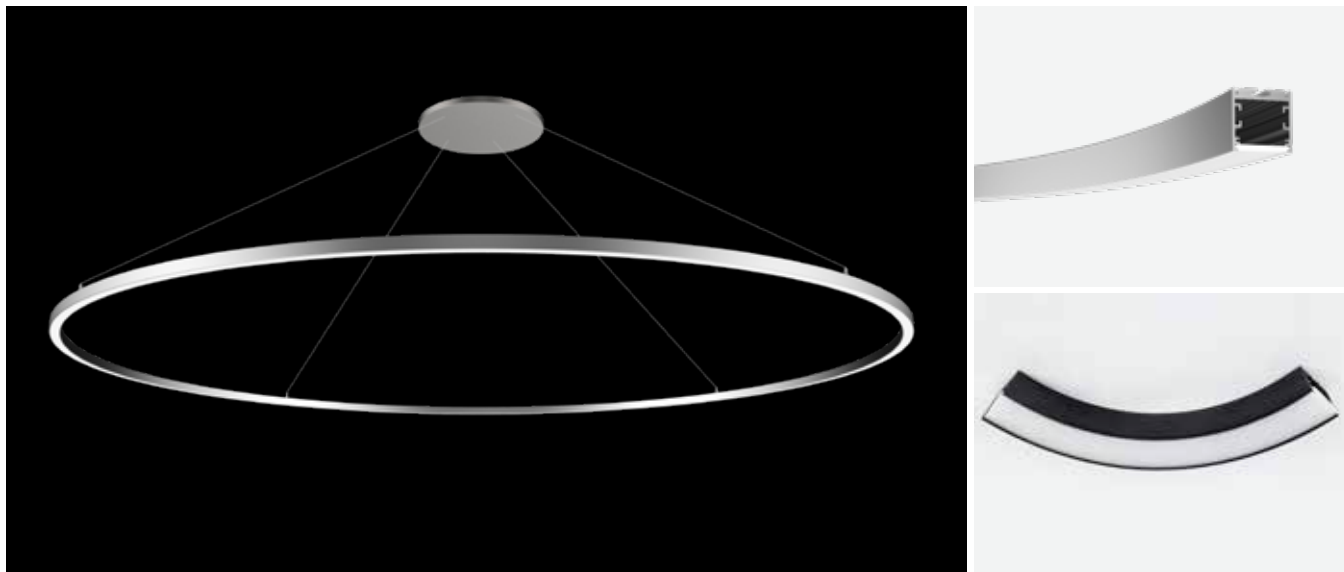


### RECOMMENDED ACCESSORIES

DESCRIPTION	SKU
Kit de Suspensão Pendant Kit Kit de Suspensión	ILAR-00713

# INTERIOR

SUSPENSO | SUSPENDED | COLGANTES



## AURA CIRCULAR

CREE LED ALUMINIUM

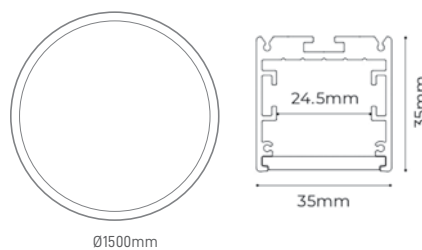
Luminária de decoração contemporânea com design circular e possibilidade de instalação no teto ou em suspensão. Ideal para criar diferentes ambientes, adaptando-se na perfeição a diferentes tipos de espaços como hotéis, cafés, restaurantes ou aeroportos.

Contemporary decoration luminaire with circular design and possibility of ceiling or suspended installation. Ideal for creating different environments, it can be adapted to different types of spaces such as hotels, cafes, restaurants or airports.

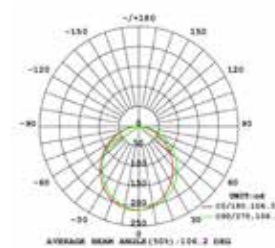
Luminaria de decoración contemporánea con diseño circular y posibilidad de instalación en el techo o suspendido. Ideal para crear diferente ambientes, adaptándose perfectamente a diferentes tipos de espacios como hoteles, cafeterías, restaurantes o aeropuertos.

WATTS	105W
CCT	3000K
TOTAL LUMINOUS FLUX	9500lm
LUMINOUS EFFICACY	90lm/w
BEAM ANGLE	90°
CRI	≥80
IP	IP42
VOLTAGE	220-240V 50/60Hz
SIZE	Ø1500x35x35mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	-
POWER FACTOR	≥0.9
NOMINAL LIFETIME	50.000H
STARTING TIME 100% ON	0.0001s
ON/OFF CYCLES	100.000
ENERGY LABEL	A+
LED BRAND	CREE
DRIVER BRAND	-
MOUNTING TYPE	Suspended
BODY MATERIAL	Aluminium
COLOR	Black RAL9005
BODY SHAPE	Round
BOX QUANTITY	1 pcs/carton
GROSS WEIGHT	24.24kg
SKU	ILAR-00180

### TECHNICAL DRAWING



### BEAM ANGLE



### TYPE OF LIGHT | VÁRIAS POSSIBILIDADES



Outras dimensões disponíveis sob consulta.  
Other dimensions available on request.  
Otras dimensiones disponibles bajo pedido.



# WYN



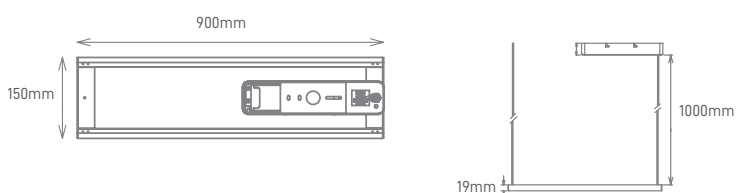
Luminária de suspensão com design moderno de dupla emissão de luz (40% superior e 60% inferior). Possui uma placa de guia de luz (LGP) de alta performance, e uma iluminação uniforme (270° de feixe de luz) criando um ambiente radiante e de longa durabilidade.

Suspended luminaire with modern dual-light design (40% upwards and 60% downwards). It has a high-performance LGP (light guide plate), and an uniform illumination environment (270° beam light) creating a radiant environment with high durability.

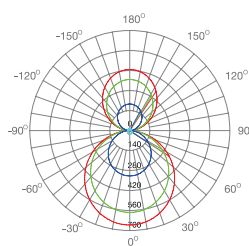
Luminaria colgante con diseño moderno de doble luz (40% superior y 60% inferior), con una placa de guía de luz (LGP) de alto rendimiento, y una luminancia uniforme (haz de luz de 270°) creando un ambiente radiante y con mucha durabilidad.

<b>WATTS</b>	<b>30W</b>
<b>CCT</b>	4000K
<b>TOTAL LUMINOUS FLUX</b>	2400lm
<b>LUMINOUS EFFICACY</b>	80lm/w
<b>BEAM ANGLE</b>	270°
<b>CRI</b>	≥80
<b>IP</b>	IP40
<b>VOLTAGE</b>	200-240V 50/60Hz
<b>SIZE</b>	900x150x19mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	≥0.9
<b>NOMINAL LIFETIME</b>	50.000H
<b>STARTING TIME 100% ON</b>	0.0001s
<b>ON/OFF CYCLES</b>	100.000
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	Sanan
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Suspended
<b>BODY MATERIAL</b>	Aluminium
<b>COLOR</b>	White RAL9016
<b>BODY SHAPE</b>	Rectangle
<b>BOX QUANTITY</b>	6 pcs/carton
<b>GROSS WEIGHT</b>	18.6kg
<b>SKU</b>	<b>ILAR-00654</b>

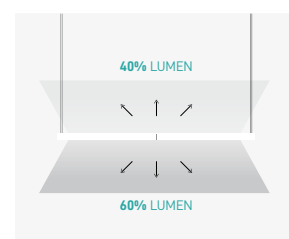
### TECHNICAL DRAWING



### BEAM ANGLE



### LIGHTING



# INTERIOR

SUSPENSO | SUSPENDED | COLGANTES



## ATLAS



Luminária de alumínio com design elegante, e acabamentos de alta qualidade que combina potência (40W) com uma durabilidade elevada. É ideal para qualquer tipo de espaço comercial ou residencial respeitando os mais elevados padrões.

Aluminium luminaire with elegant design and high-end finishes which combines power (40W) with high durability, it is to be ideal for any type of commercial or residential space respecting the highest standards.

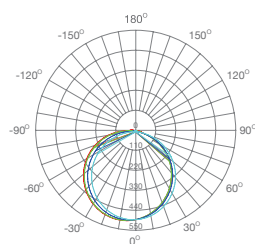
Luminaria de aluminio con diseño elegante y acabados de alta calidad que combina potencia (40W) con una alta durabilidad, es ideal para cualquier tipo de espacio comercial o residencial respetando los más altos estándares.

WATTS	40W	40W
CCT	3000K	4500K
TOTAL LUMINOUS FLUX	3400lm	3400lm
LUMINOUS EFFICACY	85lm/w	85lm/w
BEAM ANGLE	120°	120°
CRI	≥80	≥80
IP	IP20	IP20
VOLTAGE	200-240V 50Hz	200-240V 50Hz
SIZE	1200x90x46mm	1200x90x46mm
CUT-OUT	-	-
PROTECTION CLASS	Class I	Class I
PROTECTION CLASS IK	-	-
POWER FACTOR	-	-
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Sanan	Sanan
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Surface Mounted	Surface Mounted
BODY MATERIAL	Aluminium	Aluminium
COLOR	White RAL9016	White RAL9016
BODY SHAPE	Linear	Linear
BOX QUANTITY	12 pcs/carton	12 pcs/carton
GROSS WEIGHT	28kg	28kg
SKU	ILAR-00714	ILAR-00839

### TECHNICAL DRAWING

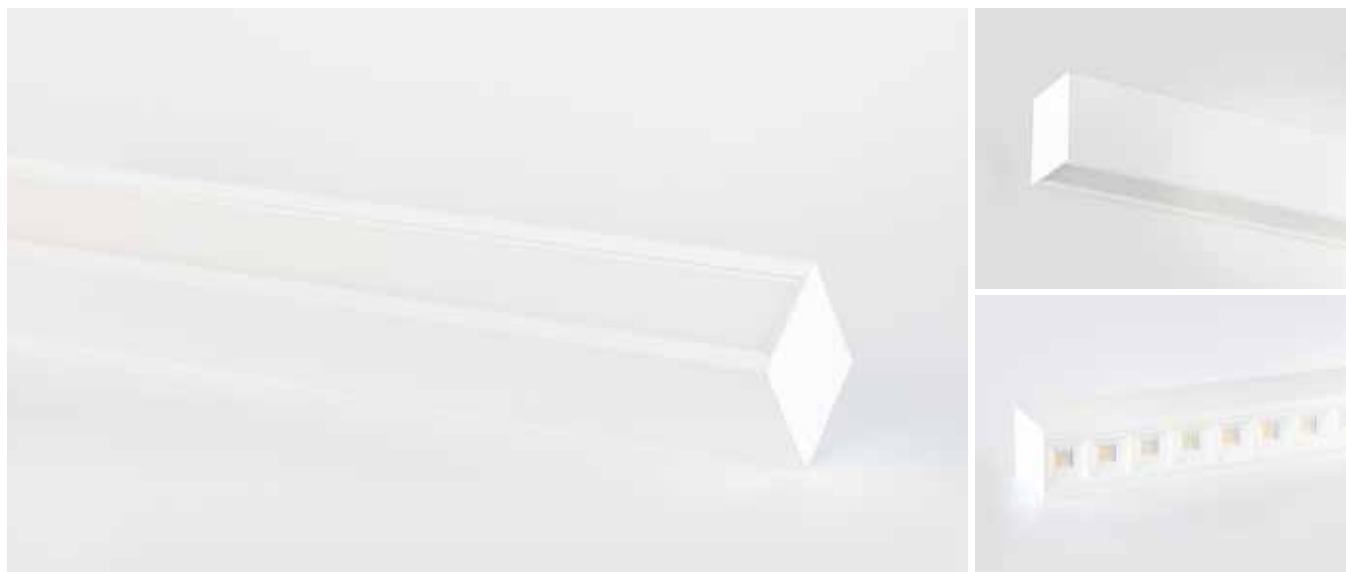


### BEAM ANGLE



### RECOMMENDED ACCESSORIES

DESCRIPTION	SKU
Kit de Suspensão Pendant Kit Kit de Suspensión	ILAR-00713



## LYNX WHITE



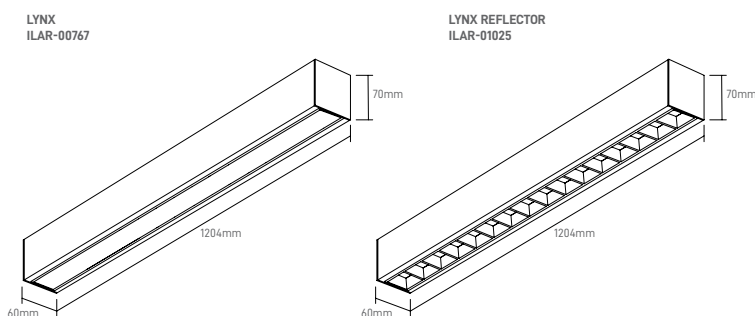
Luminária Linear Led com possibilidade de diferentes módulos (refletor tipo A e difusor tipo B), possibilidade de mudança de temperatura de cor por DIP Switch, permite um instalação suspensa ou de superfície. Este modelo foi elaborado com a possibilidade de conexão para formar linhas contínuas de iluminação.

*Led Linear Luminaire with changeable module (reflector type A and diffuser type B), Color temperature switchable by DIP switch for Suspended or surface installation. It can be linked with seamless connection to form unique lighting continuous lines.*

*Luminaria Lineal Led con posibilidad de diferentes módulos (reflector tipo A y difusor tipo B), posibilidad de cambio de temperatura de color por DIP Switch, permite una instalación suspensiva o de superficie. Este modelo fue elaborado con la posibilidad de conexión para formar líneas continuas de iluminación.*

WATTS	40W - FOSCO	40W - PRISMÁTICO
CCT	3000K 4000K 5700K	3000K 4000K 5700K
TOTAL LUMINOUS FLUX	4400-4800lm	4400-4800lm
LUMINOUS EFFICACY	110-120lm/w	110-120lm/w
BEAM ANGLE	100°	100°
UGR	19	19
CRI	≥80	≥80
IP	IP20	IP20
VOLTAGE	200-240V 50/60Hz	200-240V 50/60Hz
SIZE	1204x60x70mm	1204x60x70mm
CUT-OUT	-	-
PROTECTION CLASS	Class I	Class I
PROTECTION CLASS IK	IK07	IK07
POWER FACTOR	≥0.9	≥0.9
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Bridgelux	Bridgelux
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Surface Mounted Suspended	Surface Mounted Suspended
BODY MATERIAL	Aluminium	Aluminium
COLOR	White RAL9016	White RAL9016
BODY SHAPE	Linear	Linear
PACKAGING UNIT	6 pcs/carton	6 pcs/carton
GROSS WEIGHT	20kg	20kg
SKU	ILAR-00767	ILAR-01025

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	Kit de Suspensão Pendant Kit Kit de Suspensión	ILAR-00771
	Conector	ILAR-00772
	Dimmable Driver 1-10V	ILAR-01015

# INTERIOR

SUSPENSO | SUSPENDED | COLGANTES



## LYNX BLACK

Luminária Linear Led com possibilidade de diferentes módulos (refletor tipo A e difusor tipo B), possibilidade de mudança de temperatura de cor por DIP Switch, permite um instalação suspensa ou de superfície. Este modelo foi elaborado com a possibilidade de conexão para formar linhas contínuas de iluminação.

Led Linear Luminaire with changeable module (reflector type A and diffuser type B). Color temperature switchable by DIP switch for Suspended or surface installation. It can be linked with seamless connection to form unique lighting continuous lines.

Luminaria Lineal Led con posibilidad de diferentes módulos (reflector tipo A y difusor tipo B), posibilidad de cambio de temperatura de color por DIP Switch, permite una instalación suspendida o de superficie. Este modelo fue elaborado con la posibilidad de conexión para formar líneas continuas de iluminación.

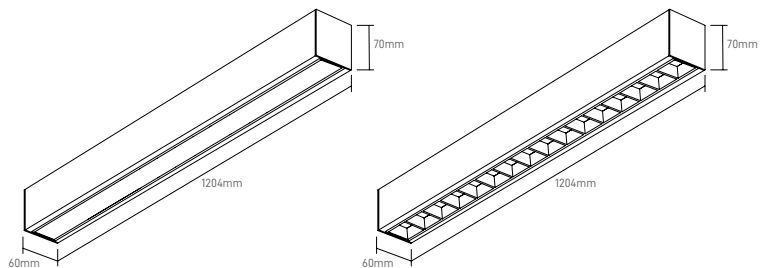


WATTS	40W - FOSCO	40W - PRISMÁTICO
CCT	3000K 4000K 5700K	3000K 4000K 5700K
TOTAL LUMINOUS FLUX	4400-4800lm	4400-4800lm
LUMINOUS EFFICACY	110-120lm/w	110-120lm/w
BEAM ANGLE	100°	100°
UGR	19	19
CRI	≥80	≥80
IP	IP20	IP20
VOLTAGE	200-240V 50/60Hz	200-240V 50/60Hz
SIZE	1204x60x70mm	1204x60x70mm
CUT-OUT	-	-
PROTECTION CLASS	Class I	Class I
PROTECTION CLASS IK	IK07	IK07
POWER FACTOR	≥0.9	≥0.9
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Bridgelux	Bridgelux
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Surface Mounted Suspended	Surface Mounted Suspended
BODY MATERIAL	Aluminium	Aluminium
COLOR	Black RAL 9005	Black RAL 9005
BODY SHAPE	Linear	Linear
PACKAGING UNIT	6 pcs/carton	6 pcs/carton
GROSS WEIGHT	20kg	20kg
SKU	ILAR-01004	ILAR-01036

### TECHNICAL DRAWING

LYNX  
ILAR-01004

LYNX REFLECTOR  
ILAR-01036



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	Kit de Suspensão Pendant Kit Kit de Suspensión	ILAR-00771
	Conector	ILAR-00772
	Dimmable Driver 1-10V	ILAR-01015





# INTERIOR

SUSPENSO | SUSPENDED | COLGANTES



## TRUNKING LIGHT



Eficiência elevada de 160 Lm / W, ideal para iluminação de supermercado e de projeto de espaços comerciais. Devido à pré-ligação do carril, proporciona uma instalação rápida e fácil, poupando 70% do tempo e do custo do trabalho. Oferece também opções smart, pode combinar regulação (DALI / 1-10V), emergência, sensor e projetores de carril.

High lumen efficiency 160 Lm / W, ideal for wholesale and project lighting. Due to the pre-wired trunking, it gives quick and easy installation to save 70% time and labor cost. It is also very smart, can combine dimming (DALI/1-10V), emergency, sensor and track spotlight function module.

Alta eficiencia 160 Lm / W, ideal para iluminación mayorista y de proyectos. Debido al trunk precableado, ofrece una instalación rápida y fácil para ahorrar un 70% de tiempo y costos de mano de obra. También es muy inteligente, puede combinar el módulo de funciones de Regulacion (DALI / 1-10V), emergencia, sensor y foco de luz.

WATTS	50W	50W
CCT	4000k	4000k
TOTAL LUMINOUS FLUX	8000lm	8000lm
LUMINOUS EFFICACY	160lm/w	160lm/w
BEAM ANGLE	90°	120°
CRI	≥80	≥80
IP	IP20	IP20
UGR	<22	<22
DIMMABLE (OPTIONAL)	1-10V & DALI	1-10V & DALI
VOLTAGE	220-240V 50/60Hz	220-240V 50/60Hz
SIZE	1500 x 70 x 76mm	1500 x 70 x 76mm
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK08	IK08
POWER FACTOR	>0.9	>0.9
NOMINAL LIFETIME	>50.000	>50.000
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	-	-
ENERGY LABEL	A++	A++
LED BRAND	-	-
DRIVER BRAND	-	-
MOUNTING TYPE	Suspended	Suspended
BODY MATERIAL	Steel	Steel
COLOR	White	White
BODY SHAPE	Linear	Linear
PACKAGING UNIT	10 pcs/carton	10 pcs/carton
GROSS WEIGHT	18.4kg	18.4kg
SKU	ILAR-00760	ILAR-00761

LUMINÁRIA PARA CARRIL / RAIL LUMINAIRE / LUMINARIA DE CARRIL



BEAM ANGLE



Wide  
(90°)



Flood  
(120°)



## BENEFÍCIOS

- Solução de linha de luz econômica para indústria, comercial e outras aplicações.
- Boa qualidade de luz com alta saída de lúmen para atender a diferentes requisitos.
- Fácil de instalar, reduzindo tempo, mão de obra, desperdício de embalagens e complexidade.
- Solução flexível.

## BENEFITS

- Cost-effective light-line solution for industrial, commercial and other applications.
- Good quality of light with high lumen output to meet different requirements.
- Easy to install, reducing time, labor, packaging waste and complexity.
- Flexible solution.

## BENEFITS

- Solución de línea de luz rentable para aplicaciones industriales, comerciales y otras.
- Buena calidad de luz con alta emisión de lúmenes para cumplir con diferentes requisitos.
- Fácil de instalar, lo que reduce el tiempo, la mano de obra, el desperdicio de envases y la complejidad.
- Solución flexible.

### MÓDULO DE CARRIL FINAL 5 FIOS - 1.5M / FINAL RAIL MODULE 5 WIRES - 1.5M / MÓDULO FINAL DE CARRIL 5 HILOS - 1.5M



#### ILAR-00763

- Módulo de carril linear para montagem final com conectores pré-montados.
- Montagem simples de módulos de calha com conectores pré-montados com sistema de encaixe integrado (ligação elétrica e mecânica).

- Linear rail module for final assembly with pre-assembled connectors.
- Simple assembly of rail modules with pre-assembled connectors with integrated fitting (electrical and mechanical connection).

- Módulo de carril linear para montaje final con conectores premontados.
- Montaje sencillo de módulos de carril con conectores premontados con grifería integrada (conexión eléctrica y mecánica).

### MÓDULO DE CARRIL LINEAR 5 FIOS - 1.5M / LINEAR RAIL MODULE 5 WIRES - 1.5M / MÓDULO DE CARRIL LINEAL DE 5 HILOS - 1.5M



#### ILAR-00762

- Módulo de carril linear de encaixe com conectores pré-montados.
- Corrente máxima 16A, permitindo 44 LED lineares de 150cm 80W.

- Plug-in linear rail module with pre-assembled connectors.
- Maximum current 16A, allowing 44 Linear LEDs of 150cm 80W.

- Módulo de carril linear enchufável com conectores premontados.
- Corriente máxima 16A, permitindo 44 LEDs lineares de 150cm 80W.

### ACESSÓRIOS PARA MONTAGEM DA LUMINÁRIA / ACCESSORIES FOR LUMINAIRE MOUNTING / ACCESORIOS PARA EL MONTAJE DE LUMINARIAS



#### CONECTOR POWER FEED-IN

1 Conector para cada linha

ILAR-00764



#### KIT DE SUSPENSÃO / SUSPENDING KIT KIT COLGANTE

Aconselhável 1 kit a cada 1.5m

ILAR-00766



#### TAMPA FINAL / END CAP / TAPA FINAL

2 Peças para cada linha

ILAR-00765

### ACESSÓRIOS OPCIONAIS / OPTIONAL ACCESSORIES / ACCESORIOS OPCIONALES

#### CONNECTOR

- Conectores de nó de módulo padrão L, T e X.
- Cada conector de nó possui diversas entradas e saídas elétricas.
- L, T and X Standard Module Node connectors.
- Each node connector has diverse of electrical feed-in and feed-out.
- Conectores de nodo de módulo estándar L, T y X.
- Cada conector de nodo tiene diversas alimentaciones y salidas eléctricas.



#### TAMPA CEGA PARA CARRIL

RAIL COVER

TAPA

600mm | 900mm | 1500mm



#### BATERIA DE EMERGÊNCIA

EMERGENCY KIT

BATERÍA DE EMERGENCIA



#### DIMMING DRIVER

1-10V DIMMING

DALI DIMMING

DALI PS



**INTERIOR**

SUPERFÍCIE

SURFACE

SUPERFICIE



# INTERIOR

SUPERFÍCIE | SURFACE | SUPERFICIE



## NIA

Luminária de leitura de design compacto com regulação de potência (Dimmer) e ajuste de direção. Possui uma lente prismática para ótimo conforto visual, porta USB e suporte de prateleira.

Compact design reading lamp with power regulation (Dimmer) and direction adjustment. It has a prismatic lens for optimal visual comfort. USB Port and shelf support.

DIMMABLE

USB CHARGE

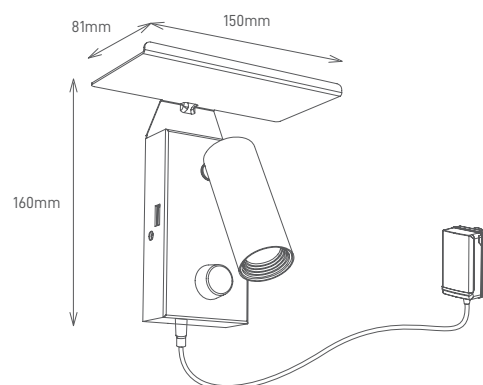
SANAN LED

IRON+PC

Lámpara de lectura de diseño compacto con regulación de potencia (Dimmer) y ajuste de dirección. Tiene una lente prismática para un confort visual óptimo, porta USB y estante de soporte.

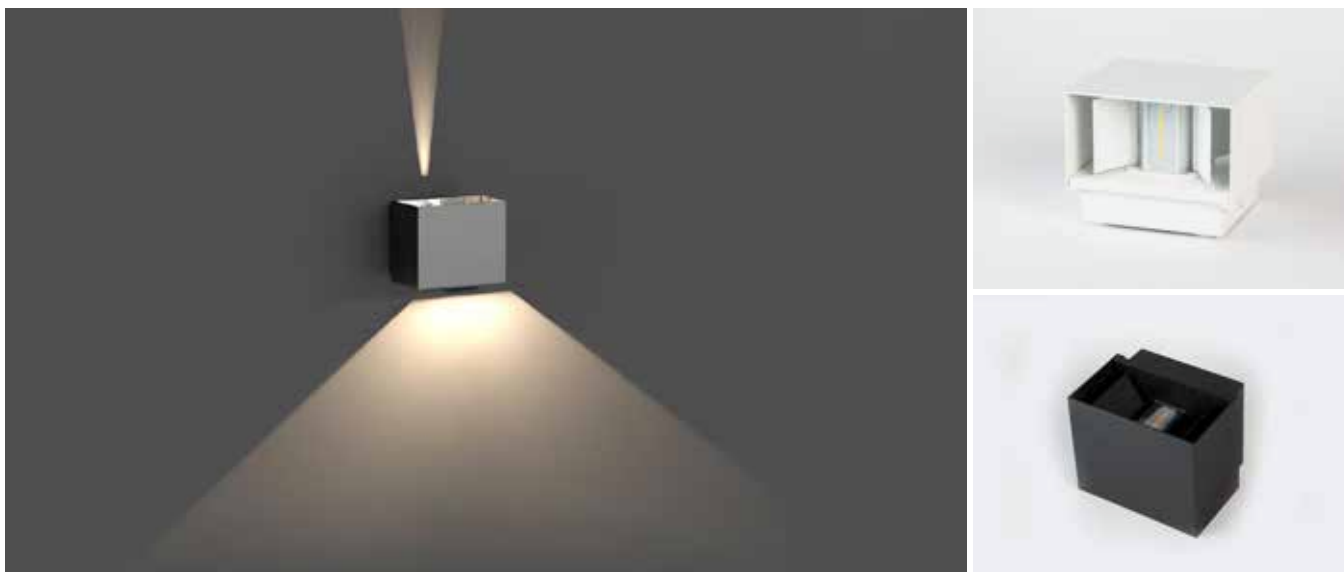
WATTS	5W
CCT	3000K
TOTAL LUMINOUS FLUX	420lm
DIMMABLE	YES
BEAM ANGLE	36°
UGR	-
CRI	≥80
IP	IP20
VOLTAGE	220-240V DC12V 1.5A
SIZE	161x150x81mm
CUT-OUT	-
PROTECTION CLASS	Class II
PROTECTION CLASS IK	IK06
POWER FACTOR	-
NOMINAL LIFETIME	50.000H
STARTING TIME 100% ON	0.0001s
ON/OFF CYCLES	100.000
ENERGY LABEL	A+
LED BRAND	Sanan
DRIVER BRAND	AronLight
MOUNTING TYPE	Wall Mounted
BODY MATERIAL	Iron+PC
COLOR	White RAL9016
BODY SHAPE	Linear
PACKAGING UNIT	24 pcs/carton
GROSS WEIGHT	0.9kg
SKU	ILAR-01005

### TECHNICAL DRAWING



### USB DETAILS

WATTAGE	8.5W
OUTPUT VOLTAGE	5V
OUTPUT CURRENT	1500MA
INPUT VOLTAGE	DC11.4-12.6V
RATED INPUT VOLTAGE(V)	DC12V



## LYRA

Aplique de parede com dupla emissão de Luz e possibilidade de regulação dos ângulos de abertura (0°-110°), permitindo assim, a criação de diferentes geometrias com a reflexão da luz emitida.

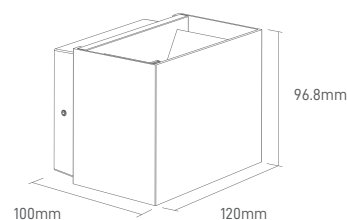
Wall-mounted luminaire with double emission of light and possibility of adjustment of the opening angles (0°-110°), thus allowing the creation of different geometries with the reflection of the light emitted.

Aplique de pared con doble emisión de Luz y posibilidad de regulación de los ángulos de apertura (0°-110°), permitiendo así la creación de diferentes geometrias con la reflexión de la luz emitida.

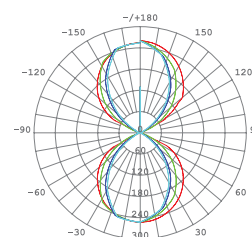


WATTS	10W - WHITE	10W - WHITE	10W - BLACK	10W - BLACK
CCT	2700K	4000K	2700K	4000K
TOTAL LUMINOUS FLUX	750lm	900lm	750lm	900lm
LUMINOUS EFFICACY	75lm/w	90lm/w	75lm/w	90lm/w
BEAM ANGLE	Adjustable 15°-120°	Adjustable 15°-120°	Adjustable 15°-120°	Adjustable 15°-120°
CRI	≥80	≥80	≥80	≥80
IP	IP65	IP65	IP65	IP65
VOLTAGE	100-240V 50Hz	100-240V 50Hz	100-240V 50Hz	100-240V 50Hz
SIZE	120 x 96.8 x 100mm	120 x 96.8 x 100mm	120 x 96.8 x 100mm	120 x 96.8 x 100mm
CUT-OUT	-	-	-	-
PROTECTION CLASS	Class I	Class I	Class I	Class I
PROTECTION CLASS IK	IK06	IK06	IK06	IK06
POWER FACTOR	≥0.9	≥0.9	≥0.9	≥0.9
NOMINAL LIFETIME	50.000H	50.000H	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	Sanan	Sanan	Sanan	Sanan
DRIVER BRAND	Aronlight	Aronlight	Aronlight	Aronlight
MOUNTING TYPE	Wall Mount	Wall Mount	Wall Mount	Wall Mount
BODY MATERIAL	Aluminium	Aluminium	Aluminium	Aluminium
COLOR	WHITE	WHITE	BLACK	BLACK
BODY SHAPE	-	-	-	-
BOX QUANTITY	18 pcs/carton	18 pcs/carton	18 pcs/carton	18 pcs/carton
GROSS WEIGHT	13.58kg	13.58kg	13.58kg	13.58kg
SKU	<b>ILAR-00769</b>	<b>ILAR-00861</b>	<b>ILAR-00860</b>	<b>ILAR-00770</b>

### TECHNICAL DRAWING

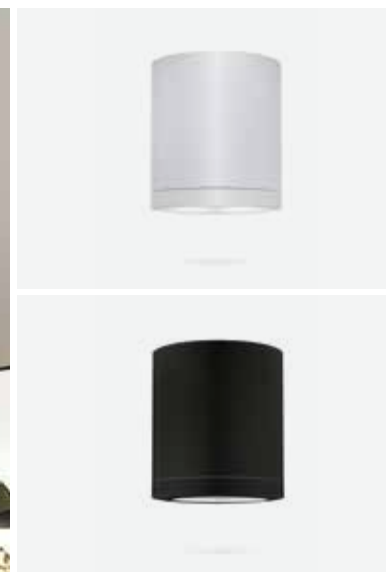


### BEAM ANGLE



# INTERIOR

SUPERFÍCIE | SURFACE | SUPERFICIE



## LEV

Downlight saliente de design minimalista, com excelente performance técnica e materiais de alta qualidade (alumínio anti-oxidado, proteção contra alterações de tensão). A proteção (IP54) aliada ao elevado PF (>0.9) e Baixo THD (<20%) fazem da linha Lev um preferido para qualquer projetista.

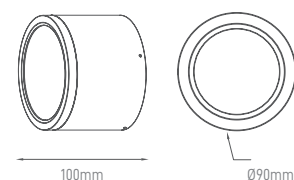
Surface downlight with minimalist design, with excellent technical performance and anti-oxidized aluminium body, with protection against short circuit and overvoltage. The high protection (IP54) combined with the high PF (>0.9) and Low THD (<20%) make the Lev series a favorite for any designer.

Downlight saliente con diseño minimalista, con excelente rendimiento técnico y material aluminio, anti-oxidado y protección contra cortocircuito y overvoltage. El alto nivel de protección (IP54) combinado con el alto PF (>0.9) y bajo THD (<20%) hacen de la línea Lev un favorito para cualquier proyectista.

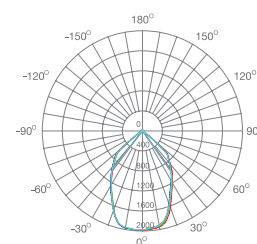


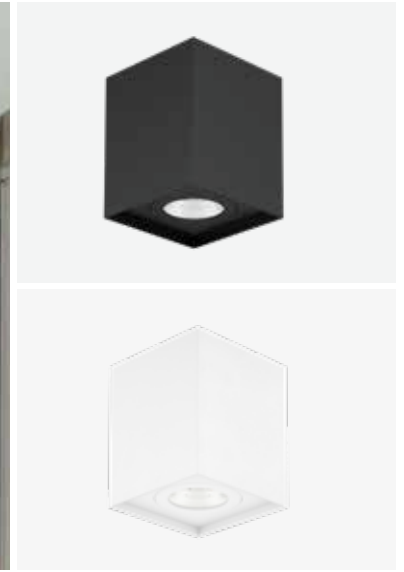
WATTS	15W - WHITE	15W - WHITE	15W - BLACK	15W - BLACK
CCT	2700K	4000K	2700K	4000K
TOTAL LUMINOUS FLUX	1300lm	1500lm	1300lm	1500lm
LUMINOUS EFFICACY	87lm/w	100lm/w	87lm/w	100lm/w
BEAM ANGLE	60°	60°	60°	60°
CRI	≥80	≥80	≥80	≥80
IP	IP54	IP54	IP54	IP54
VOLTAGE	200-240V 50/60Hz	200-240V 50/60Hz	200-240V 50/60Hz	200-240V 50/60Hz
SIZE	Ø90 x 100mm	Ø90 x 100mm	Ø90 x 100mm	Ø90 x 100mm
CUT-OUT	-	-	-	-
PROTECTION CLASS	Class I	Class I	Class I	Class I
PROTECTION CLASS IK	-	-	-	-
POWER FACTOR	≥0.9	≥0.9	≥0.9	≥0.9
NOMINAL LIFETIME	50.000H	50.000H	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	CITIZEN	CITIZEN	CITIZEN	CITIZEN
DRIVER BRAND	Aronlight	Aronlight	Aronlight	Aronlight
MOUNTING TYPE	Surface Mounted	Surface Mounted	Surface Mounted	Surface Mounted
BODY MATERIAL	Aluminium	Aluminium	Aluminium	Aluminium
COLOR	White RAL9016	White RAL9016	Black RAL9005	Black RAL9005
BODY SHAPE	Round	Round	Round	Round
BOX QUANTITY	24 pcs/carton	24 pcs/carton	24 pcs/carton	24 pcs/carton
GROSS WEIGHT	14.5kg	14.5kg	14.5kg	14.5kg
SKU	ILAR-00695	ILAR-00696	ILAR-00698	ILAR-00699

### TECHNICAL DRAWING



### BEAM ANGLE





# VIGG

Downlight de superfície com Led COB 120lm/W retraído, dissipador de calor em alumínio ADC12 e estrutura multicamadas que fornece uma excelente dissipação térmica.

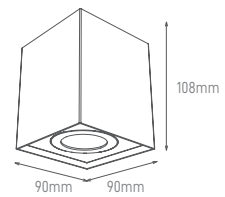
Surface downlight with 120lm/W COB retracted LED. ADC12 aluminum heatsink and multilayer structure that offers excellent thermal dissipation.

Downlight de superfície con LED COB retraído de 120lm/W, dissipador de calor de aluminio ADC12 y estructura multicapa que ofrece una excelente disipación térmica.

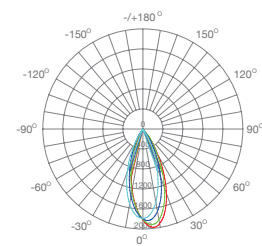


WATTS	10W - WHITE	10W - WHITE	10W - BLACK	10W - BLACK
CCT	2700K	4000K	2700K	4000K
TOTAL LUMINOUS FLUX	1090lm	1090lm	1090lm	1090lm
LUMINOUS EFFICACY	109lm/w	109lm/w	109lm/w	109lm/w
BEAM ANGLE	60°	60°	60°	60°
CRI	≥80	≥80	≥80	≥80
IP	IP54	IP54	IP54	IP54
VOLTAGE	200-240V 50/60Hz	200-240V 50/60Hz	200-240V 50/60Hz	200-240V 50/60Hz
SIZE	90x90x108mm	90x90x108mm	90x90x108mm	90x90x108mm
CUT-OUT	-	-	-	-
PROTECTION CLASS	Class I	Class I	Class I	Class I
PROTECTION CLASS IK	IK06	IK06	IK06	IK06
POWER FACTOR	≥0.9	≥0.9	≥0.9	≥0.9
NOMINAL LIFETIME	50.000H	50.000H	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	CITIZEN	CITIZEN	CITIZEN	CITIZEN
DRIVER BRAND	Aronlight	Aronlight	Aronlight	Aronlight
MOUNTING TYPE	Surface Mounted	Surface Mounted	Surface Mounted	Surface Mounted
BODY MATERIAL	Aluminium	Aluminium	Aluminium	Aluminium
COLOR	White RAL9016	White RAL9016	Black RAL9005	Black RAL9005
BODY SHAPE	Square	Square	Square	Square
BOX QUANTITY	24 pcs/carton	24 pcs/carton	24 pcs/carton	24 pcs/carton
GROSS WEIGHT	14.5kg	14.5kg	14.5kg	14.5kg
SKU	ILAR-00998	ILAR-00996	ILAR-00999	ILAR-00997

## TECHNICAL DRAWING



## BEAM ANGLE





# INTERIOR

SUPERFÍCIE | SURFACE | SUPERFICIE

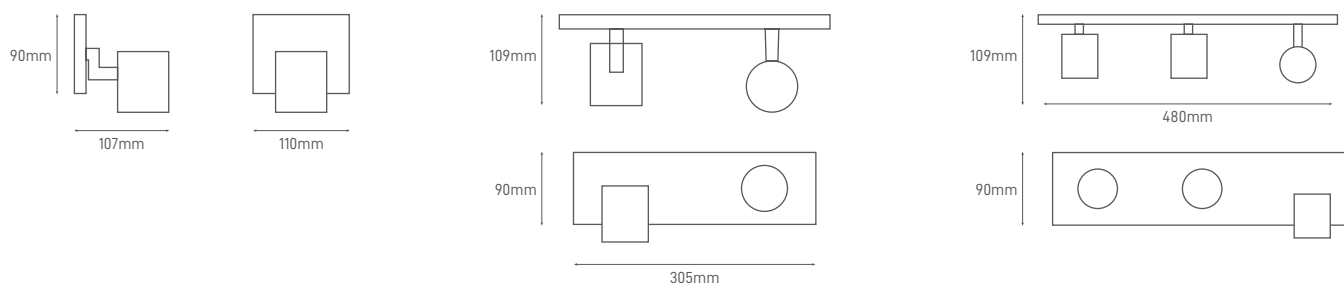


## NATAN GU10



Linha de Projetores orientáveis para lâmpadas GU10 | GU10 Lamp orientable Projector product line | Línea de Projectores orientables para lámparas GU10.

### TECHNICAL DRAWING



	TYPE OF BULB	WATTS	IP	IK	EOL - END OF LIFE	CLASS	VOLTAGE	SIZE	MATERIAL	MOUNTING TYPE	COLOR	BOX QTY	SKU
<b>SINGLE WHITE</b>	1X GU10	Max. 7W	IP20	IK06	-	Class I	110-220V	110x90x10.5mm	Aluminium	Surface	White	20	<b>ILAR-00885</b>
<b>SINGLE BLACK</b>	1X GU10	Max. 7W	IP20	IK06	-	Class I	110-220V	110x90x10.5mm	Aluminium	Surface	Black	20	<b>ILAR-00893</b>
<b>DOUBLE WHITE</b>	2X GU10	Max. 2x 7W	IP20	IK06	-	Class I	110-220V	305x90x10.5mm	Aluminium	Surface	White	20	<b>ILAR-00886</b>
<b>TRIPLE WHITE</b>	3X GU10	Max. 3x 7W	IP20	IK06	-	Class I	110-220V	480x90x10.5mm	Aluminium	Surface	White	20	<b>ILAR-00891</b>

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.



# INTERIOR

SUPERFÍCIE | SURFACE | SUPERFICIE



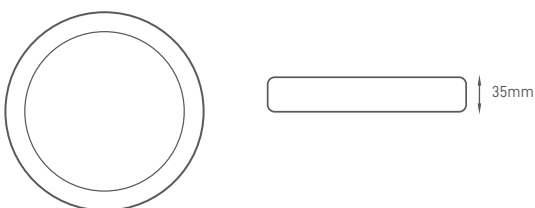
## PAINEL REDONDO SUPERFÍCIE BRANCO

ROUND SURFACE PANEL  
PAINEL REDONDO SUPERFICIE



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	POWER FACTOR	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	HEIGHT	MATERIAL	BOX QTY	SKU
12W	3000K	1050 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø170mm	35mm	Aluminium	20	ILAR-00076
12W	4000K	1060 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø170mm	35mm	Aluminium	20	ILAR-00077
12W	6500K	1070 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø170mm	35mm	Aluminium	20	ILAR-00078
18W	3000K	1530 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø225mm	35mm	Aluminium	20	ILAR-00079
18W	4000K	1580 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø225mm	35mm	Aluminium	20	ILAR-00080
18W	6500K	1630 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø225mm	35mm	Aluminium	20	ILAR-00081
24W	3000K	2100 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø300mm	35mm	Aluminium	20	ILAR-00082
24W	4000K	2130 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø300mm	35mm	Aluminium	20	ILAR-00299
24W	6500K	2160 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	Ø300mm	35mm	Aluminium	20	ILAR-00300

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	Emergency Kit	ILAR-00617
	Dimmable Driver 1-10V 2-12W	ILAR-00729
	Dimmable Driver 1-10V 8-18W	ILAR-00728



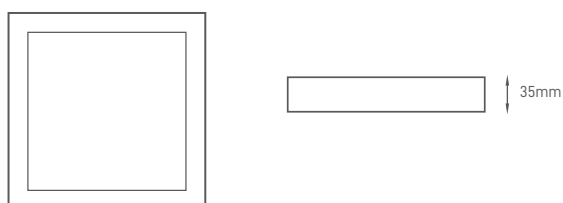
# PAINEL QUADRADO SUPERFÍCIE BRANCO

SQUARE SURFACE PANEL  
PAINEL CUADRADO SUPERFICIE



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	POWER FACTOR	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	HEIGHT	MATERIAL	BOX QTY	SKU
12W	3000K	1050 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	170x170mm	35mm	Aluminium	20	ILAR-00085
12W	4000K	1060 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	170x170mm	35mm	Aluminium	20	ILAR-00086
12W	6500K	1070 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	170x170mm	35mm	Aluminium	20	ILAR-00087
18W	3000K	1530 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	225x225mm	35mm	Aluminium	20	ILAR-00088
18W	4000K	1580 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	225x225mm	35mm	Aluminium	20	ILAR-00089
18W	6500K	1630 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	225x225mm	35mm	Aluminium	20	ILAR-00090
24W	3000K	2100 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	300x300mm	35mm	Aluminium	20	ILAR-00091
24W	4000K	2130 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	300x300mm	35mm	Aluminium	20	ILAR-00302
24W	6500K	2160 Lm	120°	>80	85-265V 50/60Hz	>0.9	25000H	12500X	0.5s	300x300mm	35mm	Aluminium	20	ILAR-00303

## TECHNICAL DRAWING



## RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	Emergency Kit	ILAR-00617
	Dimmable Driver 1-10V 2-12W	ILAR-00729
	Dimmable Driver 1-10V 8-18W	ILAR-00728

# INTERIOR

SUPERFÍCIE | SURFACE | SUPERFICIE



## LIA

SANAN LED PLASTIC IP54

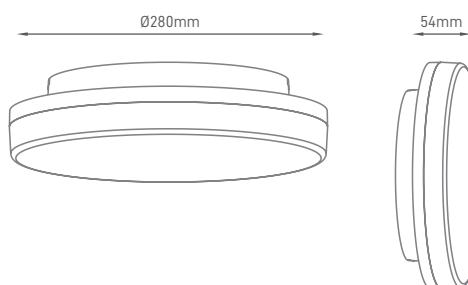
Aplique de Parede ou Teto com placa direta de luz, construído em policarbonato, robusto e de fácil instalação.

Wall and ceiling light with direct Backlit light, made in polycarbonate for easy installation.

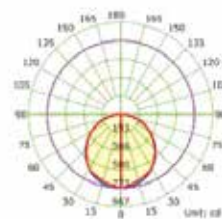
Luz de Pared y Techo con luz directa Retroiluminada, fabricado en policarbonato para una fácil instalación.

WATTS	24W
CCT	4500K
TOTAL LUMINOUS FLUX	2040lm
DIMMABLE	NO
BEAM ANGLE	120°
UGR	-
CRI	≥80
IP	IP54
VOLTAGE	220-240V
SIZE	Ø280x54mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
POWER FACTOR	>0.5
NOMINAL LIFETIME	30.000H
STARTING TIME 100% ON	0.0001s
ON/OFF CYCLES	50.000
ENERGY LABEL	A+
LED BRAND	Sanan
DRIVER BRAND	Aronlight
MOUNTING TYPE	Surface
BODY MATERIAL	ABS + PC
COLOR	White RAL9016
BODY SHAPE	Round
PACKAGING UNIT	12 pcs/carton
GROSS WEIGHT	-
SKU	ILAR-00877

### TECHNICAL DRAWING



### BEAM ANGLE






## LEVI



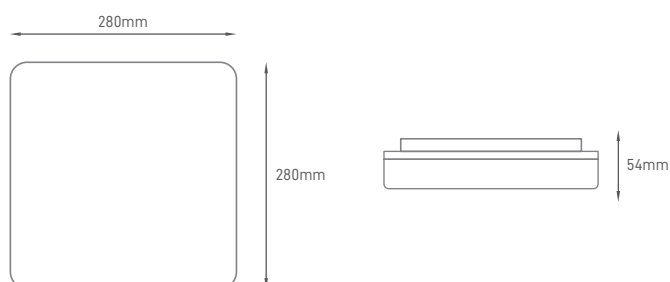
Aplique de Parede ou Teto com placa direta de luz, construído em policarbonato, robusto e de fácil instalação.

Wall and ceiling light with direct Backlit light, made in polycarbonate for easy installation.

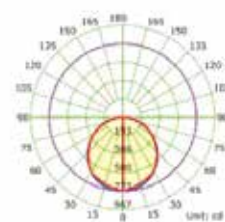
Luz de Pared y Techo con luz directa Retroiluminada, fabricado en policarbonato para una fácil instalación.

<b>WATTS</b>	<b>24W</b>
<b>CCT</b>	4500K
<b>TOTAL LUMINOUS FLUX</b>	2040lm
<b>DIMMABLE</b>	NO
<b>BEAM ANGLE</b>	120°
<b>UGR</b>	-
<b>CRI</b>	≥80
<b>IP</b>	IP54
<b>VOLTAGE</b>	220-240V
<b>SIZE</b>	280x280x54mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	>0.5
<b>NOMINAL LIFETIME</b>	30.000H
<b>STARTING TIME 100% ON</b>	0.0001s
<b>ON/OFF CYCLES</b>	50.000
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	Sanan
<b>DRIVER BRAND</b>	Aronlight
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	ABS + PC
<b>COLOR</b>	White RAL9016
<b>BODY SHAPE</b>	Round
<b>PACKAGING UNIT</b>	12 pcs/carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	 ILAR-00878

### TECHNICAL DRAWING



### BEAM ANGLE



# INTERIOR

SUPERFÍCIE | SURFACE | SUPERFICIE



## PLAFON ST705A

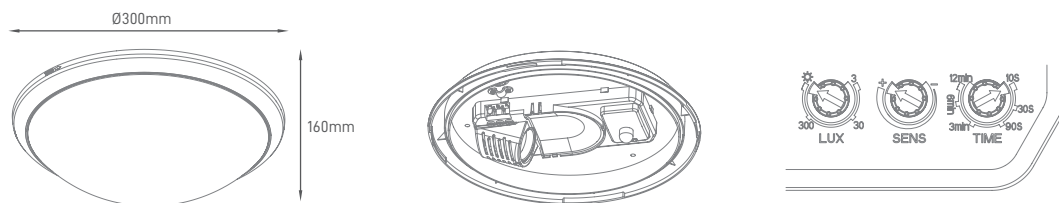
MICROWAVE SENSOR PLASTIC IP44

Plafon com detetor de movimento com tecnologia Micro-ondas para instalação em tecto interior ou exterior (IP44).

Microwave motion detector ceiling light for indoor or outdoor ceiling installation (IP44). It has detection angle of 360° and range of 2-4mts. Maximum load of 60W (E27).

Microwave motion detector ceiling light for indoor or outdoor ceiling installation (IP44). It has detection angle of 360° and range of 2-4mts. Maximum load of 60W (E27).

### TECHNICAL DRAWING



IP	Deteccion Angle	Rated Load	Deteccion Distance	Delay Time	Ambient Lighting	Installation Height	Dimming	Stand-by Dimming	Stand-by Dimming Level	Deteccion Range	Installation	Type	Size	Cut-out	SKU
IP44	360°	60W (E27)	2-4mts	10s-12min	Sim	2-4mts	Não	Não	Não	Não	Tecto	Micro-ondas	Ø300x160mm	-	ILAR-00123

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.



## ST77B 16W | 4500K

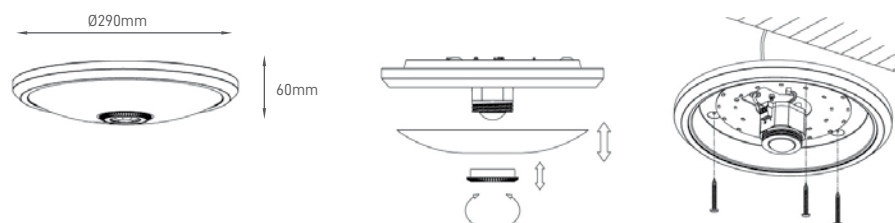


Plafon com detector de movimento com tecnologia Infravermelhos (PIR) para instalação em tecto interior (IP20). Tem ângulo de detecção de 360° e alcance de 6mts.

Infrared (PIR) motion detector ceiling light for indoor ceiling (IP20) installation. It has a detection angle of 360° and a range of 6mts. Maximum load 16W.

Luz de techo con detector de movimiento Infrarrojo (PIR) para instalación en techo interior (IP20). Tiene un ángulo de detección de 360° y un alcance de 6mts. Carga máxima soportada 16W.

### TECHNICAL DRAWING



IP	Deteccion Angle	Rated Load	Deteccion Distance	Delay Time	Ambient Lighting	Installation Height	Dimming	Stand-by Dimming	Stand-by Dimming Level	Deteccion Range	Installation	Type	Size	Cut-out	SKU
IP20	360°	16W (1150Lm)	6mts	10s-3min	Sim	2-4mts	Não	Não	Não	Não	Tecto	Micro-ondas	Ø290x60mm	-	ILAR-00306





# INTERIOR

## TRACK LIGHT



# INTERIOR

## TRACK LIGHT



## PRADO SLIM



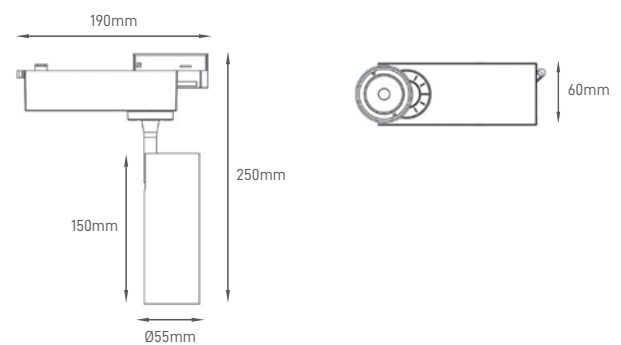
Projetor de calha orientável com tecnologia de alumínio em fundição injetada, elevado rigor geométrico e acabamentos de alta qualidade. A performance técnica de elevada reprodução cromática (CREE LED, CRI 90), e a possibilidade de escolha de diferentes feixes de luz, tornam a linha prado perfeita para qualquer solução comercial com tetos de altura média.

Orientable Track Light with die-cast aluminium technology, high geometric accuracy and high-precision surface finish. The High color rendering index (CREE LED, CRI 90), and the different beam angle choice, makes it perfect for any commercial solution with medium ceiling height.

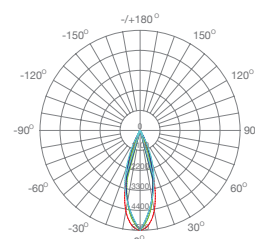
Proyector de carril orientable con tecnología de aluminio en fundición inyectada, alto rigor geométrico y acabados de alta calidad. El rendimiento técnico de alta reproducción cromática (CREE LED, CRI 90), y la posibilidad de elección del haz de luz, hace que sea la elección perfecta para cualquier solución comercial con techos de altura media.

WATTS	20W	20W	20W
CCT	2700K	3000K	4500K
TOTAL LUMINOUS FLUX	1685lm	1800lm	1800lm
LUMINOUS EFFICACY	90lm	90lm	90lm
BEAM ANGLE	24° / 38°	24° / 38°	24° / 38°
CRI	≥90	≥90	≥90
IP	IP20	IP20	IP20
VOLTAGE	220-240V 50/60Hz	220-240V 50/60Hz	220-240V 50/60Hz
SIZE	Ø55 x 250mm	Ø55 x 250mm	Ø55 x 250mm
CUT-OUT	-	-	-
PROTECTION CLASS	Class II	Class II	Class II
PROTECTION CLASS IK	IK03	IK03	IK03
POWER FACTOR	-	-	-
NOMINAL LIFETIME	50.000H	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	150.000	150.000	150.000
ENERGY LABEL	A+	A+	A+
LED BRAND	CREE	CREE	CREE
DRIVER BRAND	Tridonic	Tridonic	Tridonic
MOUNTING TYPE	Track Light	Track Light	Track Light
BODY MATERIAL	Aluminium	Aluminium	Aluminium
COLOR	White RAL9016	White RAL9016	White RAL9016
BODY SHAPE	-	-	-
BOX QUANTITY	10 pcs/carton	10 pcs/carton	10 pcs/carton
GROSS WEIGHT	8Kg	8Kg	8Kg
SKU	ILAR-00582	ILAR-00583	ILAR-00584

### TECHNICAL DRAWING



### BEAM ANGLE



### RECOMMENDED ACCESSORIES

DESCRIPTION	SKU
Lente Serie Prado D55 24°	ILAR-00601
Lente Serie Prado D55 38°	ILAR-00602



# PRADO

CREE LED TRIDONIC DRIVER ALUMINIUM

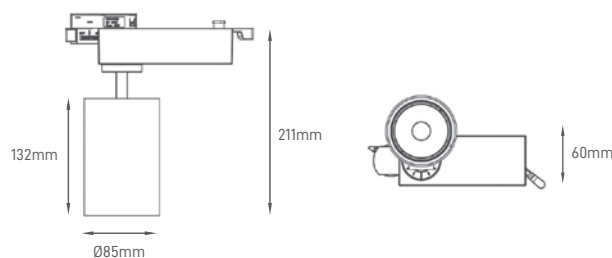
Projetor de calha orientável com tecnologia de alumínio em fundição injetada, elevado rigor geométrico e acabamentos de alta qualidade. A performance técnica de elevada reprodução cromática (CREE LED, CRI 90), e a possibilidade de escolha de diferentes feixes de luz, tornam a linha prado perfeita para qualquer solução comercial com tetos de altura média e alta.

Orientable Track Light with die-cast aluminium technology, high geometric accuracy and high-precision surface finish. The High color rendering index (CREE LED, CRI 90), and the different beam angle choice, makes it perfect for any commercial solution with medium to high ceiling height.

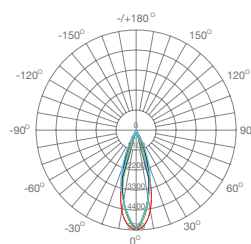
Proyector de carril orientable con tecnología de aluminio en fundición inyectada, alto rigor geométrico y acabados de alta calidad. El rendimiento técnico de alta reproducción cromática (CREE LED, CRI 90), y la posibilidad de elección del haz de luz, hace que sea la elección perfecta para cualquier solución comercial con techos con una altura media o alta.

WATTS	33W	33W	33W
CCT	2700K	3000K	4500K
TOTAL LUMINOUS FLUX	2645lm	2970lm	2970lm
LUMINOUS EFFICACY	80lm/w	90lm/w	90lm/w
BEAM ANGLE	24° / 38°	24° / 38°	24° / 38°
CRI	≥90	≥90	≥90
IP	IP20	IP20	IP20
VOLTAGE	200-240V 50/60Hz	200-240V 50/60Hz	200-240V 50/60Hz
SIZE	Ø85 x 211mm	Ø85 x 211mm	Ø85 x 211mm
CUT-OUT	-	-	-
PROTECTION CLASS	Class II	Class II	Class II
PROTECTION CLASS IK	IK03	IK03	IK03
POWER FACTOR	-	-	-
NOMINAL LIFETIME	35.000H	35.000H	35.000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	150.000	150.000	150.000
ENERGY LABEL	A+	A+	A+
LED BRAND	CREE	CREE	CREE
DRIVER BRAND	Tridonic	Tridonic	Tridonic
MOUNTING TYPE	Track Light	Track Light	Track Light
BODY MATERIAL	Aluminium	Aluminium	Aluminium
COLOR	White RAL9016	White RAL9016	White RAL9016
BODY SHAPE	-	-	-
BOX QUANTITY	10 pcs/carton	10 pcs/carton	10 pcs/carton
GROSS WEIGHT	12.5Kg	12.5Kg	12.5Kg
SKU	ILAR-00586	ILAR-00587	ILAR-00588

### TECHNICAL DRAWING



### BEAM ANGLE

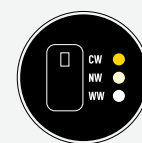
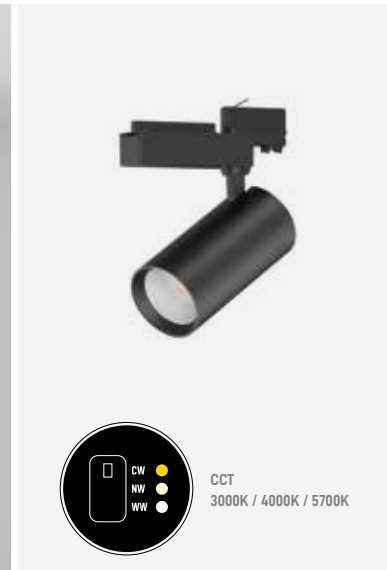
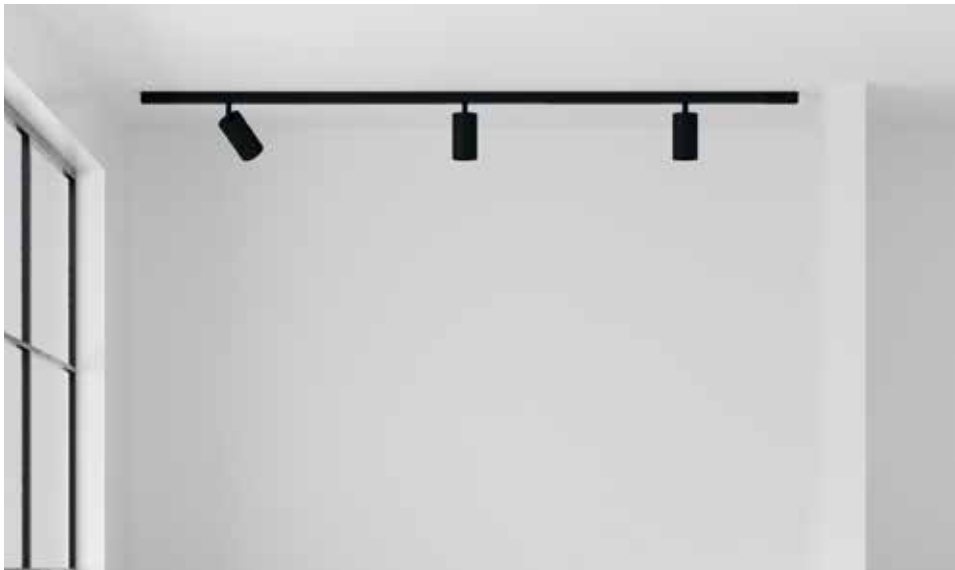


### RECOMMENDED ACCESSORIES

DESCRIPTION	SKU
Lente Serie Prado D85 24°	ILAR-0063
Lente Serie Prado D85 38°	ILAR-00604

# INTERIOR

## TRACK LIGHT



CCT  
3000K / 4000K / 5700K

## PRADO SLIM CCT

Projektor de calha orientável com tecnologia de alumínio em fundição injetada, elevado rigor geométrico e acabamentos de alta qualidade. Permite a escolha de temperatura de cor através de switch na parte traseira do projetor.

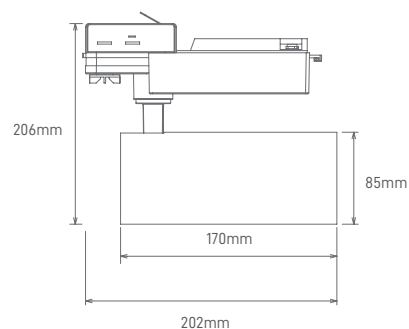
Orientable Track Light with die-cast aluminium technology, high geometric accuracy and high precision surface finish. Allows the choice of color temperature through a switch on the back of the luminaire.

Proyector de carril orientable con tecnología de aluminio en fundición inyectada, alto rigor geométrico y acabados de alta calidad. Permite la elección de la temperatura de color a través de un interruptor en la parte posterior de la luminaria.

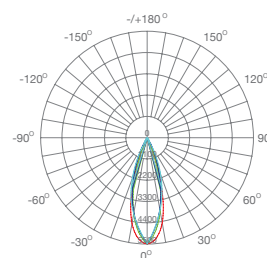


WATTS	20W	20W
CCT	2700K / 4000K / 5700K	2700K / 4000K / 5700K
TOTAL LUMINOUS FLUX	1600-1800lm	1600-1800lm
LUMINOUS EFFICACY	90lm	90lm
BEAM ANGLE	38°	38°
CRI	≥80	≥80
IP	IP20	IP20
VOLTAGE	220-240V 50/60Hz	220-240V 50/60Hz
SIZE	Ø85x202x170x206mm	Ø85x202x170x206mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK03	IK03
POWER FACTOR	-	-
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	150.000	150.000
ENERGY LABEL	A+	A+
LED BRAND	SANAN	SANAN
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Track Light	Track Light
BODY MATERIAL	Aluminium	Aluminium
COLOR	Black RAL9005	White RAL9016
BODY SHAPE	-	-
BOX QUANTITY	10 pcs/carton	10 pcs/carton
GROSS WEIGHT	11.2Kg	11.2Kg
SKU	ILAR-01008	ILAR-01026

### TECHNICAL DRAWING



### BEAM ANGLE





## PRADO CCT



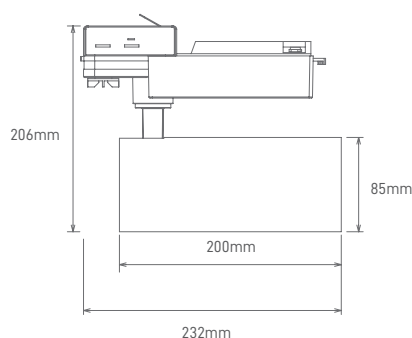
Projetor de calha orientável com tecnologia de alumínio em fundição injetada, elevado rigor geométrico e acabamentos de alta qualidade. Permite a escolha de temperatura de cor através de switch na parte traseira do projetor.

Orientable Track Light with die-cast aluminium technology, high geometric accuracy and high precision surface finish. Allows the choice of color temperature through a switch on the back of the luminaire.

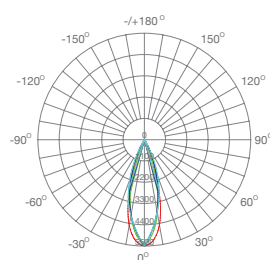
Proyector de carril orientable con tecnología de aluminio en fundición inyectada, alto rigor geométrico y acabados de alta calidad. Permite la elección de la temperatura de color a través de un interruptor en la parte posterior de la luminaria.

WATTS	30W
CCT	2700K / 4000K / 5700K
TOTAL LUMINOUS FLUX	2300-2600lm
LUMINOUS EFFICACY	90lm/w
BEAM ANGLE	38°
CRI	≥80
IP	IP20
VOLTAGE	200-240V 50/60Hz
SIZE	Ø85x232x200x206mm
CUT-OUT	-
PROTECTION CLASS	II
PROTECTION CLASS IK	IK03
POWER FACTOR	-
NOMINAL LIFETIME	50.000H
STARTING TIME 100% ON	0.0001s
ON/OFF CYCLES	150.000
ENERGY LABEL	A+
LED BRAND	SANAN
DRIVER BRAND	Aronlight
MOUNTING TYPE	Track Light
BODY MATERIAL	Aluminium
COLOR	White RAL9016
BODY SHAPE	-
BOX QUANTITY	10 pcs/carton
GROSS WEIGHT	12.5Kg
SKU	ILAR-00887

### TECHNICAL DRAWING



### BEAM ANGLE



# INTERIOR

## TRACK LIGHT



## NATAN GU10



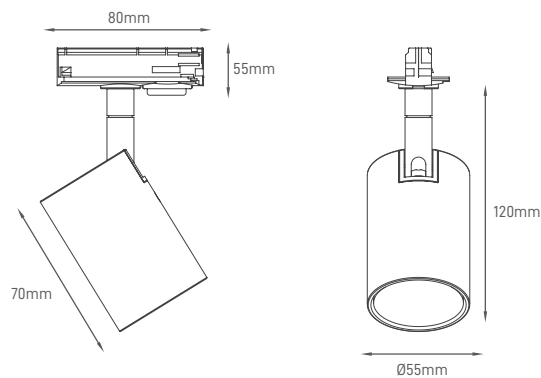
Projetor orientável de calha trifásica para lâmpada GU10. O Corpo em alumínio com acabamento de elevada qualidade e design estreito fazem dele um projeto multifacetado tanto para habitação como para espaços comerciais. Disponível em cor branca e em preta.

Adjustable three-phase track projector for GU10 lamp. The aluminum body with high quality finish and narrow design make it a multifaceted projector for both housing and commercial spaces. Available in white and black.

Proyector de carril trifásico orientable para lámpara GU10. El cuerpo de aluminio con acabado de alta calidad y diseño estrecho lo convierten en un proyector multifacético tanto para viviendas como para espacios comerciales. Disponible en blanco y negro.

WATTS	MAX. 7W	MAX. 7W
TYPE OF BULB	1X GU10	1X GU10
IP	IP20	IP20
VOLTAGE	110-220V	110-220V
SIZE	Ø55x120x70mm	Ø55x120x70mm
CUT-OUT	-	-
PROTECTION CLASS	Class I	Class I
PROTECTION CLASS IK	IK06	IK06
POWER FACTOR	-	-
NOMINAL LIFETIME	-	-
STARTING TIME 100% ON	-	-
ON/OFF CYCLES	-	-
ENERGY LABEL	A+	A+
LED BRAND	-	-
DRIVER BRAND	-	-
MOUNTING TYPE	Track Light	Track Light
BODY MATERIAL	Aluminium	Aluminium
COLOR	White RAL9016	Black RAL9005
BODY SHAPE	Round	Round
BOX QUANTITY	20 pcs/carton	20 pcs/carton
GROSS WEIGHT	-	-
SKU	ILAR-00884	ILAR-00950

### TECHNICAL DRAWING



\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.





# ACESSÓRIOS RECOMENDADOS

RECOMMENDED ACCESSORIES | ACCESORIOS RECOMENDADOS



## CALHA DE ENCASTRAR E DE SUPERFÍCIE

RECESSED AND SURFACE TRACK | CARRIL EMPOTRABLE Y SUPERFICIE

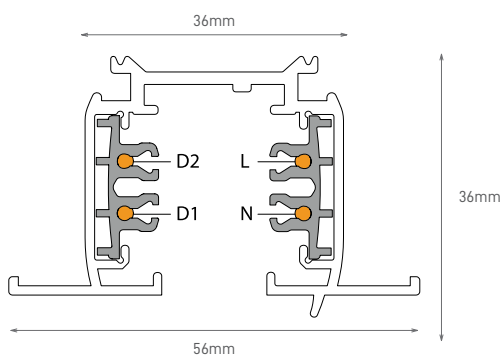


Calha trifásica para instalação dos diferentes projetores da gama Aronlight. Através das três vias é possível conectar vários projetores na mesma calha permitindo o controle de 3 circuitos de iluminação diferentes. Para sua instalação é necessário adicionar a fonte de alimentação e as uniões necessárias à instalação. Disponível em cor branca e cor preta.

Three-phase rail for installation of the different projectors in the Aronlight range. Through the three ways it is possible to connect several projectors on the same rail allowing the control of 3 different lighting circuits. For its installation it is necessary to add the power supply and the necessary connections for the installation. Available in white and black.

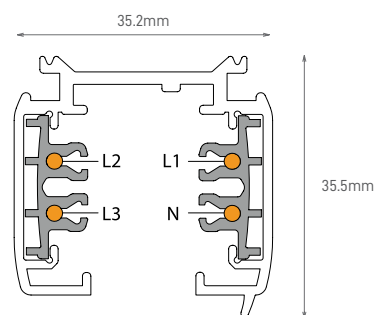
Carril trifásico para la instalación de los diferentes proyectores de la gama Aronlight. A través de las tres vías es posible conectar varios proyectores en un mismo carril permitiendo el control de 3 circuitos de iluminación diferentes. Para su instalación es necesario agregar la fuente de alimentación y las conexiones necesarias para la instalación. Disponible en blanco y negro.

### TECHNICAL DRAWING - RECESSED










Size	Color	Voltage	IP	Mounting Type	SKU
1M	White	220-240V	20	Recessed	ILAR-00592
2M	White	220-240V	20	Recessed	ILAR-00593

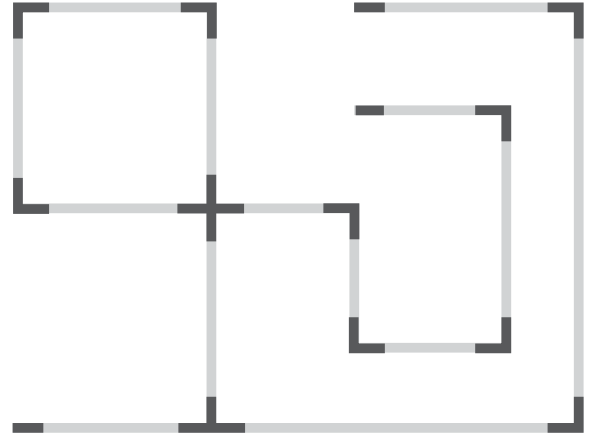
### TECHNICAL DRAWING - SURFACE



Size	Color	Voltage	IP	Mounting Type	SKU
1M	White	220-240V	20	Surface	ILAR-00590
2M	White	220-240V	20	Surface	ILAR-00591
1M	Black	220-240V	20	Surface	ILAR-01006
2M	Black	220-240V	20	Surface	ILAR-01007



-  Alimentador Trifásico / Power Supply / Fuente de Alimentación
-  Tampa Final / End Cap / Tapa final
-  União Interior / Jointing Unit / Unión Interior
-  União Intermédia / Middle Connection / Conexión Intermédia
-  União em "L" / "L" Corner / Conexión en "L"
-  União em "T" / "T" Corner / Conexión en "T"
-  União em "X" / "X" Corner / Conexión en "X"



**ALIMENTADOR TRIFÁSICO**  
POWER SUPPLY  
FUENTE DE ALIMENTACIÓN  
BRANCO / WHITE / BLANCO  
**ILAR-00594**



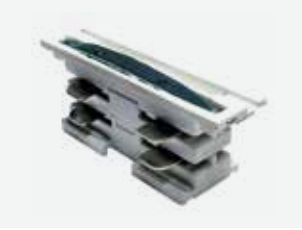
**ALIMENTADOR TRIFÁSICO**  
POWER SUPPLY  
FUENTE DE ALIMENTACIÓN  
PRETO / BLACK / NEGRO  
**ILAR-01011**



**TAMPA FINAL**  
END CAP  
TAPA FINAL  
BRANCO / WHITE / BLANCO  
**ILAR-00595**



**TAMPA FINAL**  
END CAP  
TAPA FINAL  
PRETO / BLACK / NEGRO  
**ILAR-01012**



**UNIÃO INTERIOR**  
JOINTING UNIT  
UNIÓN INTERIOR  
BRANCO / WHITE / BLANCO  
**ILAR-00596**



**UNIÃO INTERMÉDIA  
E FONTE DE ALIMENTAÇÃO**  
MIDDLE CONNECTION  
CONEXIÓN INTERMÉDIA  
BRANCO / WHITE / BLANCO  
**ILAR-00597**



**UNIÃO EM "L"**  
"L" CORNER  
CONEXIÓN EN "L"  
BRANCO / WHITE / BLANCO  
**ILAR-00598**



**UNIÃO EM "T"**  
"T" CORNER  
CONEXIÓN EN "T"  
BRANCO / WHITE / BLANCO  
**ILAR-00599**



**UNIÃO EM "X"**  
"X" CORNER  
CONEXIÓN EN "X"  
BRANCO / WHITE / BLANCO  
**ILAR-00600**



# **FITAS LED**

LED STRIP

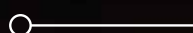
TIRAS LED



# PROFESSIONAL

**LM-80**

Report 10.000H

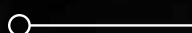


*Teste LM-80 10.000H*

*Reporte LM-80 10.000H*

**99,99%**

Purity Golden Wire



*Pureza do fio*

*Pureza del alambre*

**Color**

Consistency 1 Bin

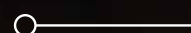


*Consistência de cor 1 Bin*

*Consistencia de color 1 Bin*

**CRI**

**>94**



*CRI >94*

*CRI >94*





# LED STRIP



**Best** Heat  
Dissipation  
85g Pure Copper



*Dissipação de calor  
85g de Cobre Puro  
Disipación de calor*



**Strong**  
Bracket



*Maior durabilidade  
Mayor durabilidad*



# FITAS LED & ACESSÓRIOS

LED STRIP | TIRAS LED

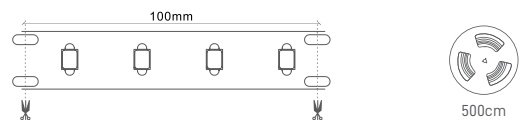
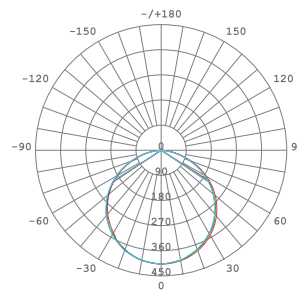
## 9.6W/MT IP20 24V

IP20 CRI >94 LM-80 10.000H



POWER	9.6W / MT	9.6W / MT	9.6W / MT
CCT	2700K	4000K	6500K
IP	IP20	IP20	IP20
VOLTAGE	24V	24V	24V
LED	SMD 2835	SMD 2835	SMD 2835
PF	≥0.95	≥0.95	≥0.95
CRI	≥0.94	≥0.94	≥0.94
LED / MT	60	60	60
LUMEN	660Lm / mt	660Lm / mt	660Lm / mt
WIDTH	10mm	10mm	10mm
LENGHT	5 meters	5 meters	5 meters
SKU	ILAR-00632	ILAR-00633	ILAR-00634

### BEAM ANGLE



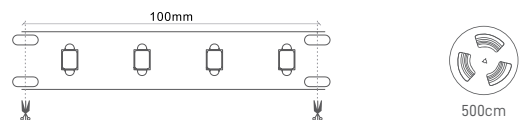
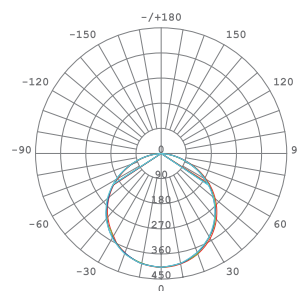
## 9.6W/MT IP65 24V

IP65 CRI >94 LM-80 10.000H



POWER	9.6W / MT	9.6W / MT	9.6W / MT
CCT	2700K	4000K	6500K
IP	IP65	IP65	IP65
VOLTAGE	24V	24V	24V
LED	SMD 2835	SMD 2835	SMD 2835
PF	≥0.95	≥0.95	≥0.95
CRI	≥0.94	≥0.94	≥0.94
LED / MT	60	60	60
FLUX	528Lm / mt	560Lm / mt	584Lm / mt
WIDTH	10mm	10mm	10mm
LENGHT	5 meters	5 meters	5 meters
SKU	ILAR-00635	ILAR-00636	ILAR-00637

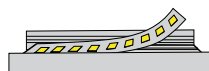
### BEAM ANGLE



### INSTALLATION



Heat Sink



Profile

3M 3M 3M 3M

Stick-on

### RECOMMENDED ACCESSORIES



CONECTOR 2 PINOS  
ILAR-00640



CABO 15CM 2 PINOS  
ILAR-00639



IP20

CRI >94

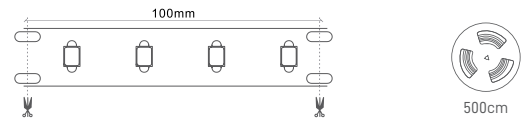
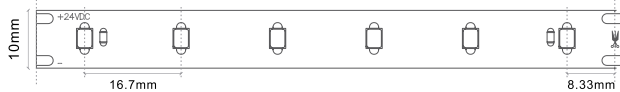
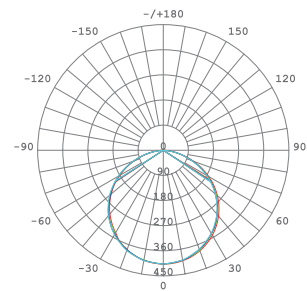
LM-80 10.000H

## 14.4W/MT IP20 24V



POWER	14.4W / MT	14.4W / MT	14.4W / MT
CCT	2700K	4000K	6500K
IP	IP20	IP20	IP20
VOLTAGE	24V	24V	24V
LED	SMD 2835	SMD 2835	SMD 2835
PF	≥0.95	≥0.95	≥0.95
CRI	≥0.94	≥0.94	≥0.94
LED / MT	60	60	60
FLUX	990Lm / mt	1050Lm / mt	1100Lm / mt
WIDTH	10mm	10mm	10mm
LENGHT	5 meters	5 meters	5 meters
SKU	ILAR-00620	ILAR-00621	ILAR-00622

### BEAM ANGLE



## 14.4W/MT IP65 24V

IP65

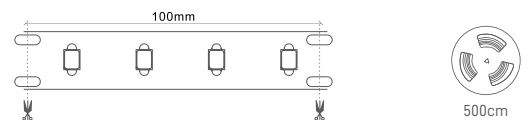
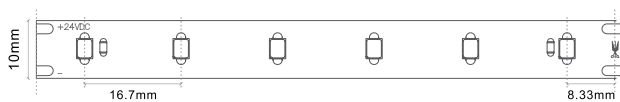
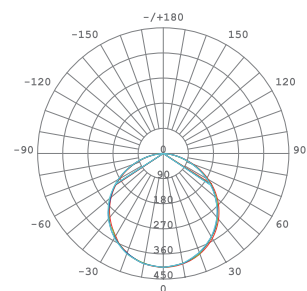
CRI >94

LM-80 10.000H

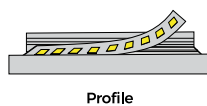
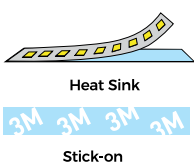


POWER	14.4W / MT	14.4W / MT	14.4W / MT
CCT	2700K	4000K	6500K
IP	IP65	IP65	IP65
VOLTAGE	24V	24V	24V
LED	SMD 2835	SMD 2835	SMD 2835
PF	≥0.95	≥0.95	≥0.95
CRI	≥0.94	≥0.94	≥0.94
LED / MT	60	60	60
FLUX	792Lm / mt	840Lm / mt	880Lm / mt
WIDTH	10mm	10mm	10mm
LENGHT	5 meters	5 meters	5 meters
SKU	ILAR-00623	ILAR-00624	ILAR-00625

### BEAM ANGLE



### INSTALLATION



### RECOMMENDED ACCESSORIES





# FITAS LED & ACESSÓRIOS

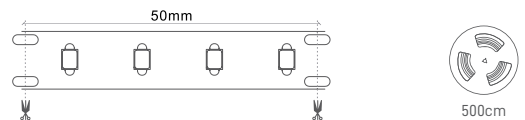
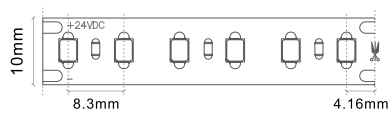
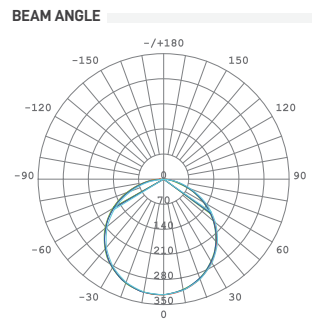
LED STRIP | TIRAS LED

## 19.2W/MT IP20 24V

IP20 CRI >94 LM-80 10.000H



POWER	19.2W / MT	19.2W / MT	19.2W / MT
CCT	2700K	4000K	6500K
IP	IP20	IP20	IP20
VOLTAGE	24V	24V	24V
LED	SMD 2835	SMD 2835	SMD 2835
PF	≥0.95	≥0.95	≥0.95
CRI	≥0.94	≥0.94	≥0.94
LED / MT	120	120	120
FLUX	1189Lm / mt	1440Lm / mt	1516Lm / mt
WIDTH	10mm	10mm	10mm
LENGHT	5 meters	5 meters	5 meters
SKU	ILAR-00626	ILAR-00627	ILAR-00628

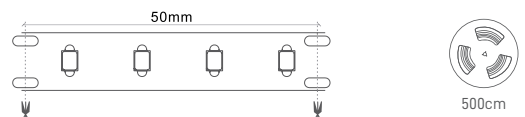
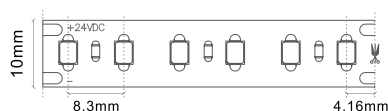
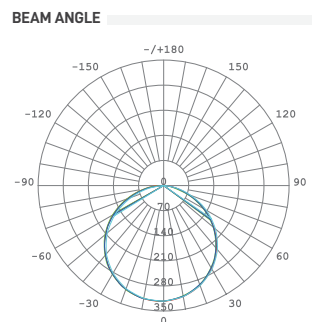


## 19.2W/MT IP65 24V

IP65 CRI >94 LM-80 10.000H



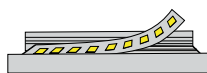
POWER	19.2W / MT	19.2W / MT	19.2W / MT
CCT	2700K	4000K	6500K
IP	IP65	IP65	IP65
VOLTAGE	24V	24V	24V
LED	SMD 2835	SMD 2835	SMD 2835
PF	≥0.95	≥0.95	≥0.95
CRI	≥0.94	≥0.94	≥0.94
LED / MT	120	120	120
FLUX	951Lm / mt	1152Lm / mt	1212Lm / mt
WIDTH	10mm	10mm	10mm
LENGHT	5 meters	5 meters	5 meters
SKU	ILAR-00629	ILAR-00630	ILAR-00631



### INSTALLATION



Heat Sink



Profile

3M 3M 3M 3M

Stick-on

### RECOMMENDED ACCESSORIES



CONECTOR 2 PINOS  
ILAR-00640



CABO 15CM 2 PINOS  
ILAR-00639

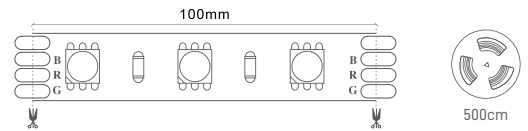
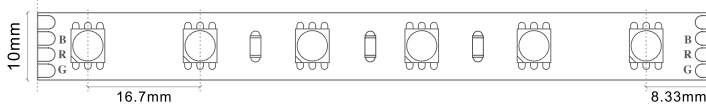
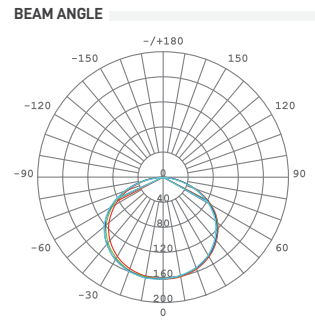


# RGB 14.4W IP20 24V

RGB IP20 CRI >94 LM-80 10.000H



POWER	14.4W / MT
CCT	RGB
IP	IP20
VOLTAGE	24V
LED	SMD 5050
PF	≥0.95
CRI	≥0.94
LED / MT	60
FLUX	500Lm / mt
WIDTH	10mm
LENGHT	5 meters
SKU	ILAR-00638

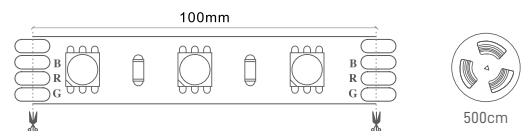
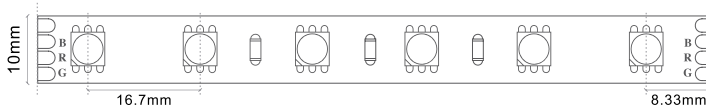
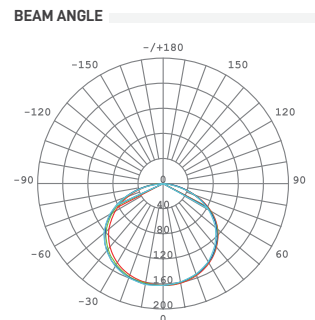


# RGB 14.4W IP650 24V

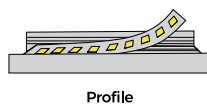
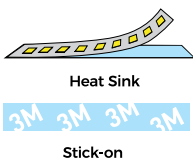
RGB IP20 CRI >94 LM-80 10.000H



POWER	14.4W / MT
CCT	RGB
IP	IP65
VOLTAGE	24V
LED	SMD 5050
PF	≥0.95
CRI	≥0.94
LED / MT	60
FLUX	500Lm / mt
WIDTH	10mm
LENGHT	5 meters
SKU	ILAR-00831



## INSTALLATION



## RECOMMENDED ACCESSORIES



# FITAS LED & ACESSÓRIOS

LED STRIP | TIRAS LED



## KIT CONTROLADOR

FITA LED SINGLE COLOR

LED STRIP CONTROLLER KIT SINGLE COLOR  
KIT CONTROLADOR DE TIRAS SINGLE COLOR

RF WIRELESS

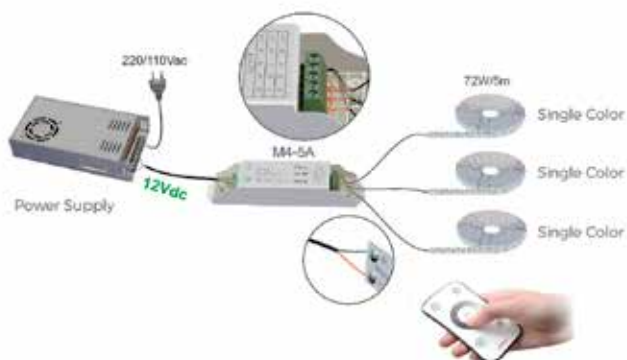
IP20

	WORKING VOLTAGE	WORKING FREQUENCY	REMOTE DISTANCE	WORKING TEMPERATURE	WEIGHT (N.W.)	SKU
REMOTE M1	3VDC (BATTERY CR2032)	433.92MHZ	30M	-30°C-55°C	42G	ILAR-00610

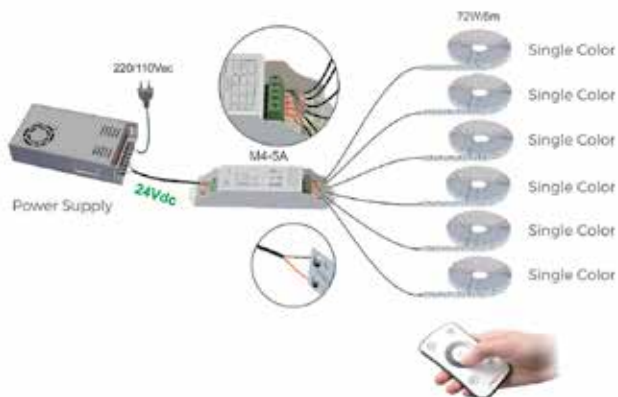
IP20

	INPUT VOLTAGE	CURRENT LOAD	MAX OUTPUT POWER	PROTECTION	WORKING TEMPERATURE	WEIGHT (N.W.)	SKU
CONTROLLER M4-5A	12-24VDC	5AX4CH MAX 20A	(0..60W-120TW) x 4CH	SHORT CIRCUIT / OVER-LOAD	-30°C-55°C	125G	ILAR-00610

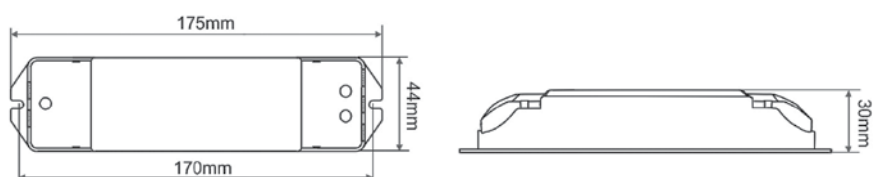
12V - 0-240W (5A X 12V)



24V - 0-480W (5A X 24V)



SIZE





# KIT CONTROLADOR RGB

FITA LED RGB

LED STRIP CONTROLLER KIT RGB

KIT CONTROLADOR DE TIRAS RGB

RF WIRELESS

IP20

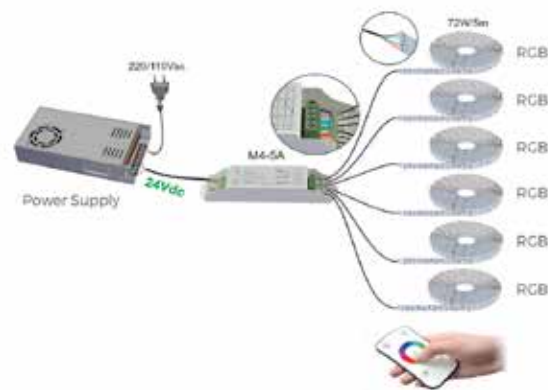
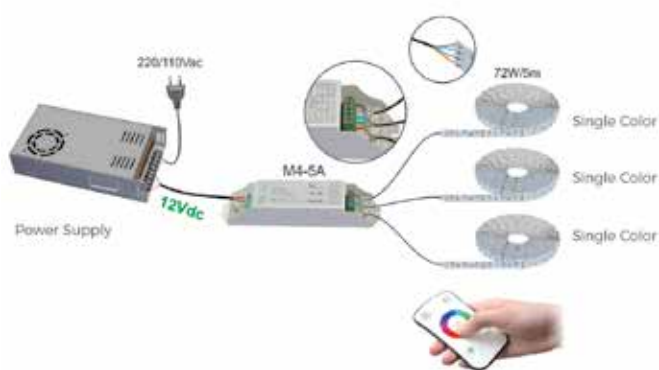
	WORKING VOLTAGE	WORKING FREQUENCY	REMOTE DISTANCE	WORKING TEMPERATURE	WEIGHT (N.W.)	SKU
REMOTE M3	3VDC (BATTERY CR2032)	433.92MHZ	30M	-30°C-55°C	42G	ILAR-00611

IP20

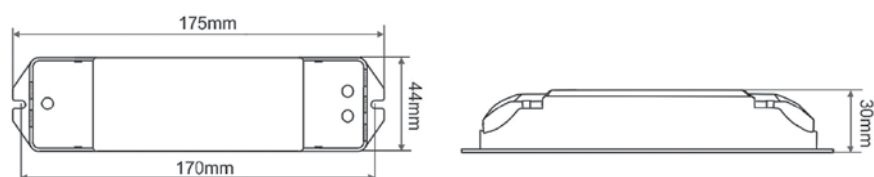
	INPUT VOLTAGE	CURRENT LOAD	MAX OUTPUT POWER	PROTECTION	WORKING TEMPERATURE	WEIGHT (N.W.)	SKU
CONTROLLER M4-5A	12-24VDC	6A×3CH MAX 18A	(0...72W-144W) x 3CH	SHORT CIRCUIT / OVER-LOAD	-30°C-55°C	125G	ILAR-00611

12V - 0-216W

24V - 0-432W



SIZE



# FITAS LED & ACESSÓRIOS

LED STRIP | TIRAS LED



## REGULADOR DE LUZ

PARA FITAS DE LED

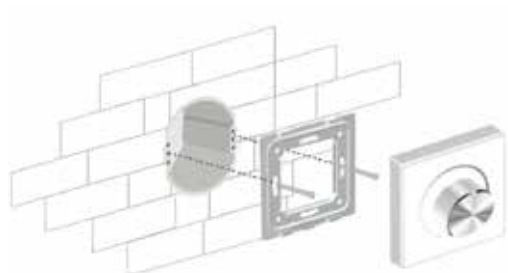
LED STRIP CONTROLLER  
CONTROLADOR DE TIRAS

1-10V Dimming

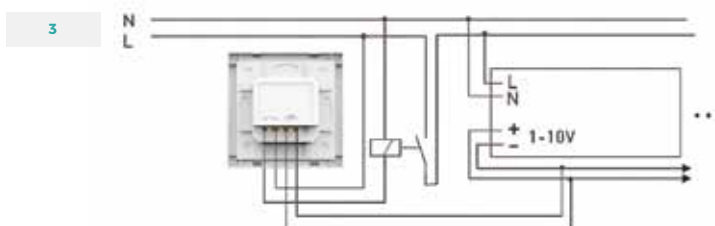
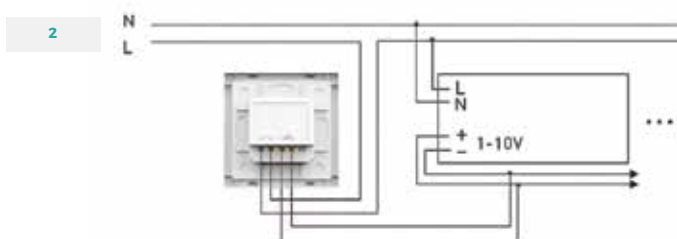
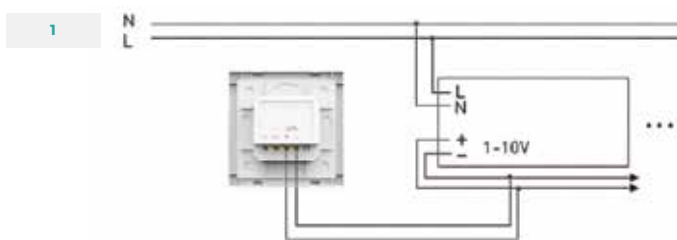
IP20

	CONTROL VOLTAGE	OUTPUT	CONTROL CURRENT	SWITCHING CURRENT	WORKING TEMPERATURE	DIMENSIONS	PACKAGE SIZE	WEIGHT (N.W.)	■■■■ SKU
E610	90-250Vac, 50-60Hz	1-10V	Max. 50mA	Max. 5A	-10°C ~ 35°C	L86×W86×H50(mm)	L106×W106×H60(mm)	220G	ILAR-00614

### GUIDE



### WIRING DIAGRAM OPTIONS





## PAINEL EX5 TOUCH 4 ZONAS

### WIRELESS TOUCH PANEL / PANEL TÁCTIL INALÁMBRICO

Painel Touch que funciona sem fios no protocolo Wireless ou com fios no protocolo DMX512. Controla até 4 zonas independentes.

Touch Panel that works wirelessly on the Wireless protocol or wired on the DMX512 protocol. Controls up to 4 independent zones.

Panel táctil que funciona de forma Wireless en el protocolo inalámbrico o cableado en el protocolo DMX512. Controla hasta 4 zonas independientes.

RF WIRELESS

IP20

	CONTROL TYPE	INPUT VOLTAGE	OUTPUT SIGNAL	ZONE	WORKING TEMPERATURE	DIMENSIONS	PACKAGE SIZE	WEIGHT (G.W.)	SKU
EX5 TOUCH	White Dimming	100-240Vac	RF 2.4GHz / DMX512	4 Zones	-20°C ~ 5°C	L86×W86×H36(mm)	L113×W112×H50(mm)	225g	ILAR-00835



## PAINEL EX8S TOUCH RGBW

### RGBW WIRELESS PANEL / PANEL TÁCTIL INALÁMBRICO RGBW

Painel Touch RGBW que funciona sem fios no protocolo Wireless ou com fios no protocolo DMX512. Controla até 4 zonas independentes.

RGBW Touch Panel that works wirelessly on the Wireless protocol or wired on the DMX512 protocol. Controls up to 4 independent zones.

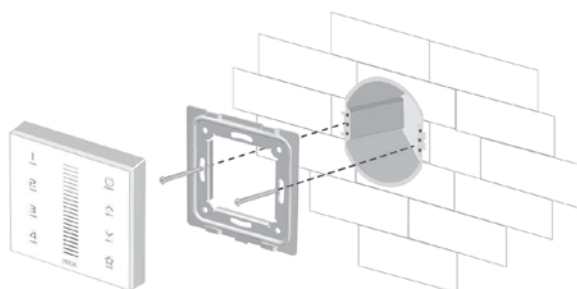
Panel Táctil RGBW que funciona de forma Wireless en el protocolo inalámbrico o cableado en el protocolo DMX512. Controla hasta 4 zonas independientes.

RF WIRELESS

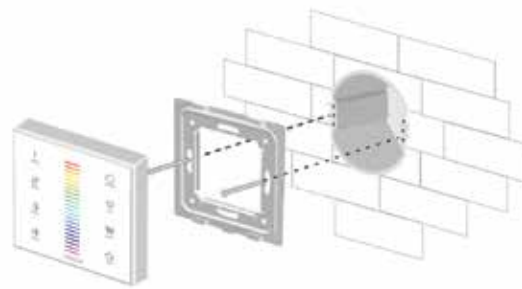
IP20

	CONTROL TYPE	INPUT VOLTAGE	OUTPUT SIGNAL	ZONE	WORKING TEMPERATURE	DIMENSIONS	PACKAGE SIZE	WEIGHT (G.W.)	SKU
EX8S TOUCH	RGBW	100-240Vac	RF 2.4GHz / DMX512	4 Zones	-20°C ~ 5°C	L86×W86×H36(mm)	L113×W112×H50(mm)	225G	ILAR-00836

GUIDE - EX5 TOUCH



GUIDE - EX8S TOUCH



# FITAS LED & ACESSÓRIOS

LED STRIP | TIRAS LED



## CONTROLADOR PARA FITA LED

LED STRIP CONTROLLER | CONTROLADOR DE TIRAS

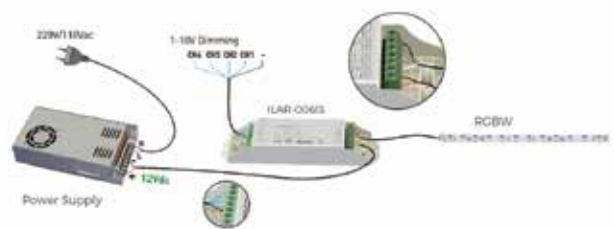
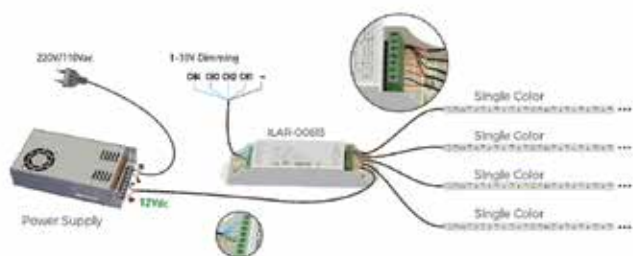
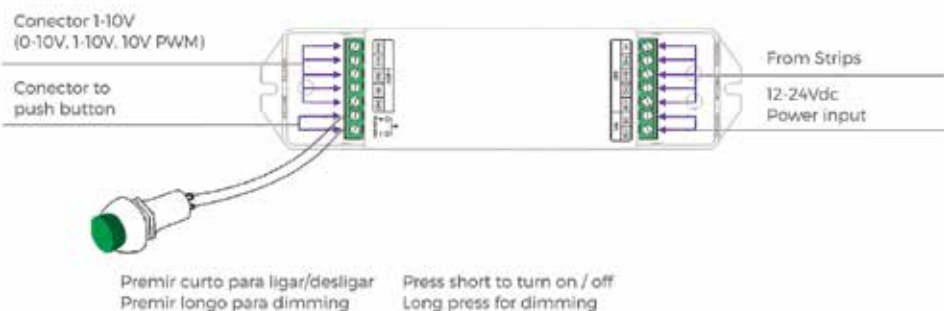
Controlador fita LED de 4 canais de 5A, totalizando 20A de corrente máxima.  
4-channel 5A LED strip controller, totaling 20A of maximum current.  
Controlador de tira LED de 4 canais de 5A, totalizando 20A de corrente máxima.

Dimming mode options:

**0-10V, 1-10V, 10V PWM, push button**

<b>LT-704-5A</b>	
<b>DIMMING INTERFACE</b>	0-10V, 1-10V, 10V PWM, PUSH BUTTON
<b>INPUT VOLTAGE</b>	12-24VDC
<b>OUTPUT VOLTAGE</b>	12-24VDC
<b>OUTPUT</b>	5A×4CH MAX. 20A
<b>MAX. OUTPUT POWER</b>	0-240W - 480W
<b>PROTECTION</b>	SHORT CIRCUIT / OVER CURRENT, RECOVER AUTOMATICALLY
<b>DIMMING RANGE</b>	0-100%, LED START AT 0.1% POSSIBLE
<b>WORKING TEMPERATURE</b>	-30° C - 55° C
<b>PRODUCT SIZE</b>	<input checked="" type="checkbox"/> L175×W44×H30(MM)
<b>PACKAGE SIZE</b>	<input checked="" type="checkbox"/> L178×W48×H33(MM)
<b>WEIGHT (G.W.)</b>	150G
<b>SKU</b>	<input type="checkbox"/> ILAR-00613

### INSTALLATION





# REPETIDOR DE FITA LED LT-3010-8A

CV POWER REPEATER | CONTROLADOR DE TIRAS



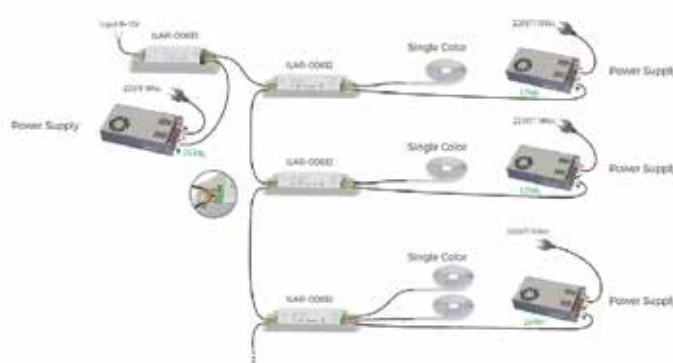
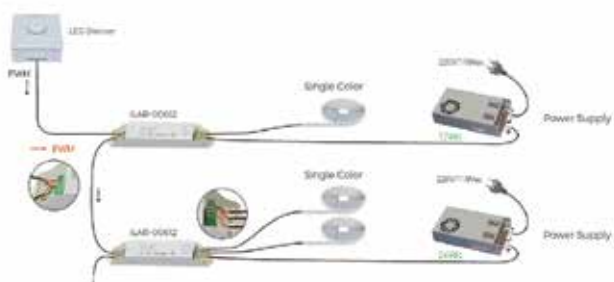
Repetidor compatível com todos os controladores de fita Aron, para instalações que necessitem de potência adicional. Não há limites ao número de repetidores que podem ser ligados à instalação.

Repeater compatible with all Aron tape controllers for installations that require additional power. There are no limits on the number of repeaters that can be connected to the installation.

Repetidor compatible con todos los controladores de cinta Aron, para instalaciones que requieran una potencia adicional. No hay límites al número de repetidores que se pueden conectar a la instalación.

LT-3010-8A	
INPUT SIGNAL	PWM
INPUT VOLTAGE	12-24VDC
CURRENT LOAD	8A x 1CH MAX 8A
POWER LOAD	MAX. 96W/192W (12V/24V)
WORKING TEMP.	-30°C - 55°C
DIMENSIONS	<input checked="" type="checkbox"/> L135xW30xH20 (MM)
PACKAGE SIZE	<input checked="" type="checkbox"/> L140xW34xH23 (MM)
WEIGHT (G.W.)	65G
SKU	<input type="checkbox"/> ILAR-00612

## INSTALLATION





# FITAS LED & ACESSÓRIOS

LED STRIP | TIRAS LED



## CONTROLADOR WIRELESS

### FITA LED F4-5A

WIRELESS LED CONTROLLER / CONTROLADOR WIRELESS

Controlador Fita LED Wireless usado em conjunto com Comando Remoto (F8), Painel Wireless (EX5 ou EX8S) ou aplicação (WiFi-106).

Wireless LED Strip Controller used with Remote Commander (F8), Wireless Panel (EX5 or EX8S) or app (WiFi-106).

Controlador de Tira de LED inalámbrico utilizado junto con el control remoto (F8), el panel inalámbrico (EX5 o EX8S) o aplicación (WiFi-106).

RF WIRELESS

IP20

	INPUT VOLTAGE	MAX. CURRENT LOAD	MAX OUTPUT POWER	WORKING TEMPERATURE	PACKAGE SIZE	WEIGHT (N.W.)	SKU
<b>CONTROLADOR WIRELESS F4-5A</b>	5-24VDC	5A X 4CH MAX. 20A	100W / 240W / 480W (5V/12V/24V)	-30°C ~ 55°C	L178×W48×H33 (MM)	150G	<b>ILAR-00833</b>
<b>RGBW F8 - RGBW WIRELESS REMOTE / COMANDO WIRELESS RGBW / 4 ZONES CONTROL 3VDC (BATTERY CR2032)</b>							<b>ILAR-00834</b>

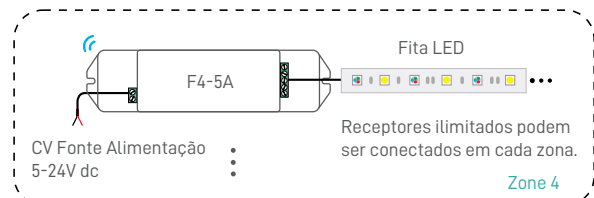
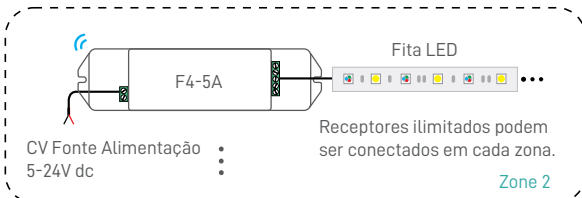
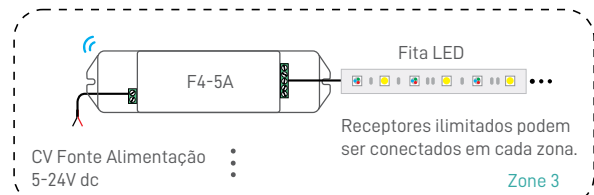
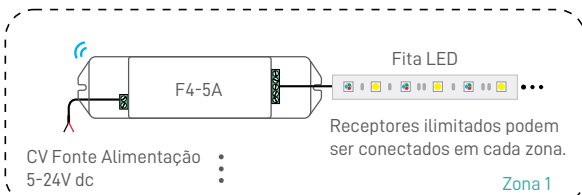
#### INSTALLATION



Painel



Comando





# CONTROLADOR FITA LED DMX512 RGB/W

## STRIP CONTROLLER / CONTROLADOR DE TIRAS

Controlador de Fita LED com comunicação bidirecional de sinal DMX512. Efeito de iluminação viável com lâmpadas LED de cor única, bicolor, RGB e RGBW.

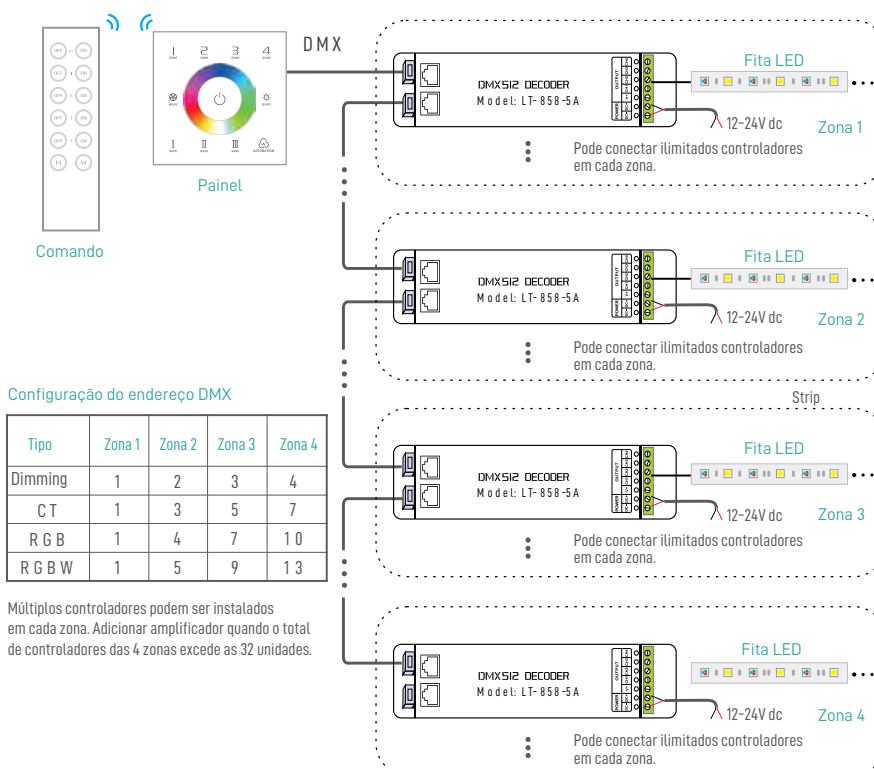
LED Strip Controller with DMX512 bidirectional signal communication. Viable lighting effect with single color, bicolor, RGB and RGBW LED lamps.

Controlador de cinta LED con comunicación de señal bidireccional DMX512. Efecto de iluminación viable con lámparas LED de un solo color, bicolor, RGB y RGBW.

### CONTROLADOR FITA LED DMX512 RGB/W

INPUT SIGNAL	DMX512 RDM
INPUT VOLTAGE	12-24VDC
CURRENT LOAD	5A X 4CH MAX 20A
POWER LOAD	(0-60W...120W) X 4CH MAX. 480W
DMX512 SOCKET	GREEN TERMINAL
PROTECTION	SHORT CIRCUIT / OVER LOAD RECOVER AUTOMATICALLY
WORKING TEMPERATURE	-30°C - 65°C
DIMENSIONS	<input checked="" type="checkbox"/> L175xW42xH33 (MM)
PACKAGE SIZE	<input checked="" type="checkbox"/> L183xW48xH41 (MM)
WEIGHT (G.W.)	310G
SKU	<input checked="" type="checkbox"/> ILAR-00849

### INSTALLATION



# FITAS LED & ACESSÓRIOS

LED STRIP | TIRAS LED



## REPETIDOR DE FITA LED RGB

CV POWER REPEATER RGB / CONTROLADOR DE TIRAS RGB

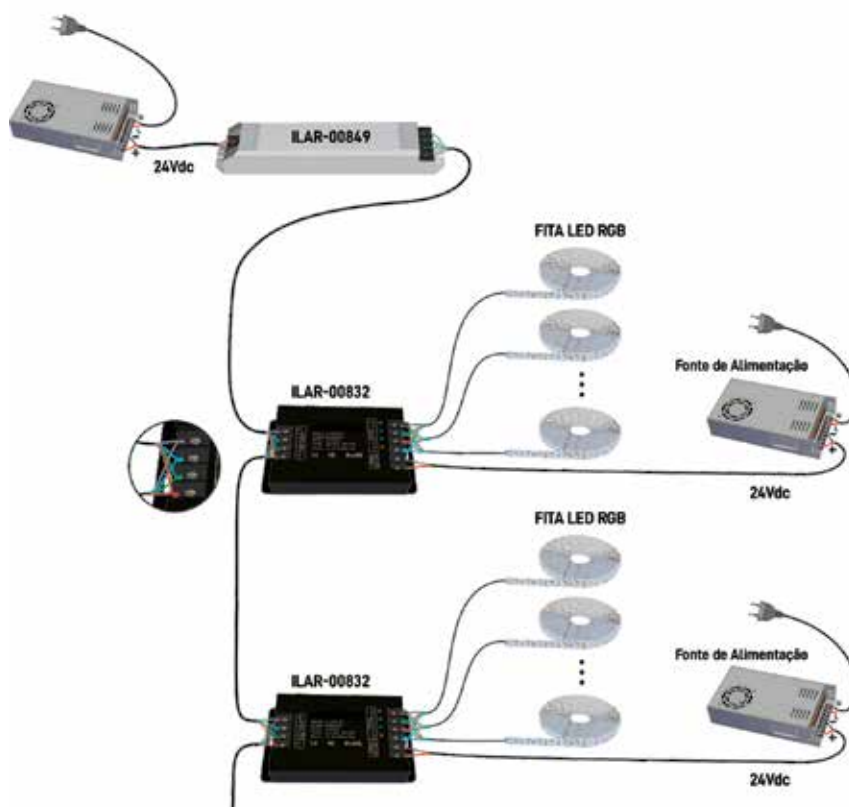
Repetidor para instalações que necessitem de potência adicional. Não há limites ao número de repetidores que podem ser ligados à instalação.

Repeater for installations that require additional power. There are no limits on the number of repeaters that can be connected to the installation.

Repetidor para instalaciones que requieran una potencia adicional. No hay límites al número de repetidores que se pueden conectar a la instalación.

<b>REPETIDOR RGB LT-3060-8A</b>	
INPUT SIGNAL	CV/CC PWM
INPUT VOLTAGE	5-24VDC
CURRENT LOAD	8A X 3CH MAX 24A
POWER LOAD	MAX. 120W/288W/576W (5V/12V/24V)
WORKING TEMP.	-30°C - 65°C
DIMENSIONS	<input checked="" type="checkbox"/> L148xW87xH23 (MM)
PACKAGE SIZE	<input checked="" type="checkbox"/> L158xW94xH31 (MM)
WEIGHT (G.W.)	380G
SKU	<input checked="" type="checkbox"/> ILAR-00832

### INSTALLATION





# REPETIDOR WIRELESS

## 5~24V EBOX-AP

### CV POWER WIRELESS REPEATER / CONTROLADOR WIRELESS

Repetidor para instalações que necessitem de potência adicional. Não há limites ao número de repetidores que podem ser ligados à instalação.

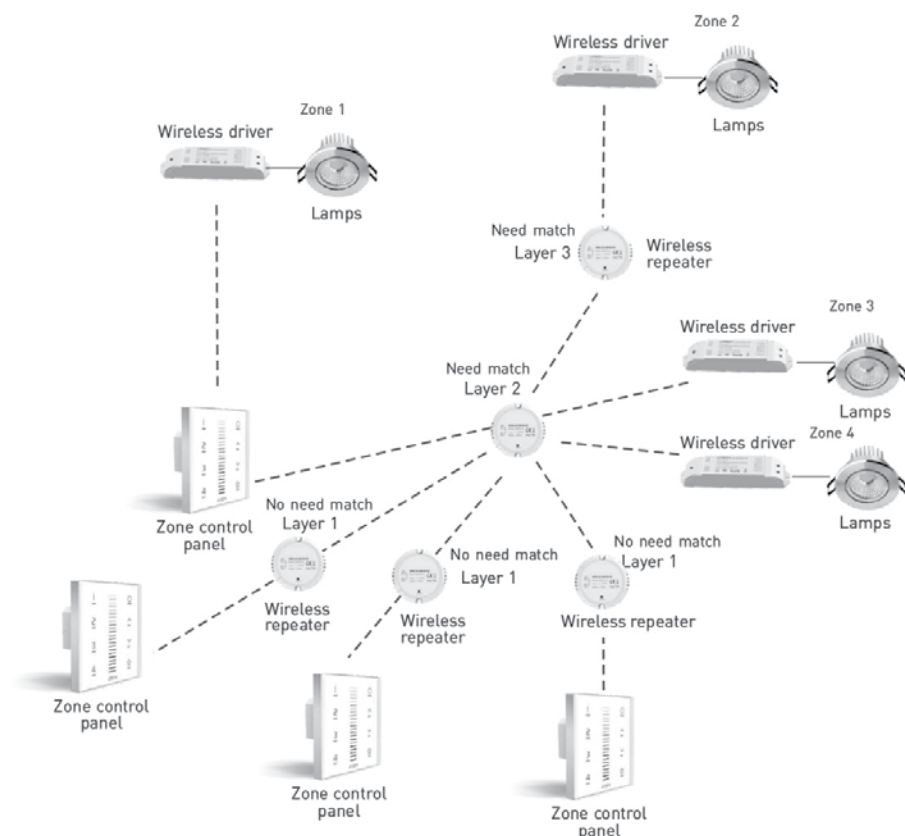
Repeater for installations that require additional power. There are no limits on the number of repeaters that can be connected to the installation.

Repetidor para instalaciones que requieran una potencia adicional. No hay límites al número de repetidores que se pueden conectar a la instalación.

#### RF WIRELESS

REPETIDOR WIRELESS EBOX-AP	
INPUT VOLTAGE	5~24VDC
WIRELESS DISTANCE	30M (EYE TO EYE)
WIRELESS SIGNAL	RF 2.4GHZ
WORKING TEMP.	-30°C ~ 65°C
DIMENSIONS	<input checked="" type="checkbox"/> L55×W55×H21 (MM)
PACKAGE SIZE	<input checked="" type="checkbox"/> L65×W65×H26 (MM)
WEIGHT (G.W.)	70G
SKU	<input checked="" type="checkbox"/> ILAR-00837

#### INSTALLATION



# FITAS LED & ACESSÓRIOS

LED STRIP | TIRAS LED



## CONTROLADOR WIFI FITA LED 12 ZONAS

LED STRIP CONTROLLER / CONTROLADOR DE TIRAS

Sistema de controle de iluminação WiFi que permite a ligação a 12 zonas. Controle as 12 zonas de fitas LED através da aplicação para Android ou iOS ou através do comando F12 (incluído).

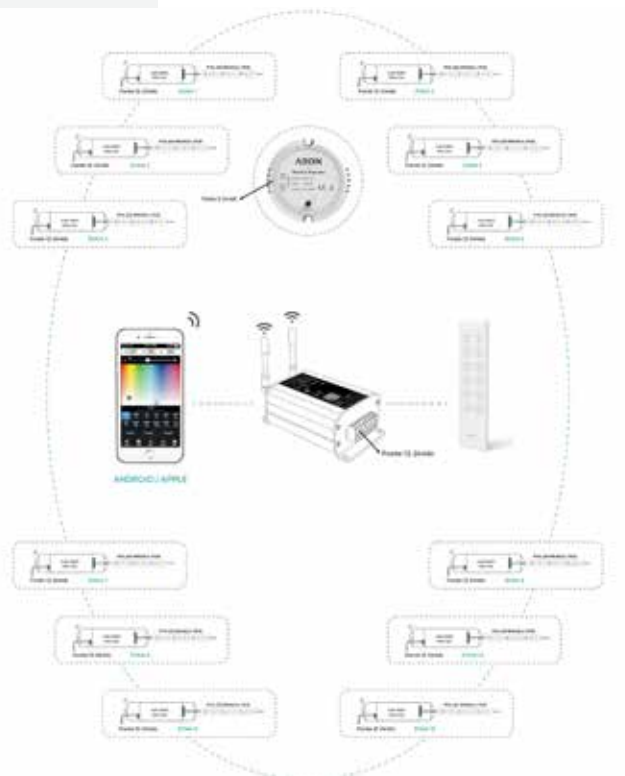
WiFi lighting control system that allows connection to 12 zones. Control the 12 LED strip zones through the Android or iOS application or via the F12 command (included).

Sistema de control de iluminación WiFi que permite la conexión a 12 zonas. Controle las 12 zonas de tira de LED a través de la aplicación Android o iOS o mediante el comando F12 (incluido).

### RF WIRELESS

CONTROLADOR WIFI 12 ZONAS	
COMMUNICATION STANDARD	2.4GHZ WIFI / 802.11B/G/N PROTOCOL
INPUT VOLTAGE	12-24VDC
OUTPUT CURRENT	4AX4CH MAX. 16A
MAX. OUTPUT POWER	(0-48W...96W) X 4CH MAX. 384W
OUTPUT CONTROL	DIMMING / CT / RGB / RGBW
WORKING TEMPERATURE	-30°C - 55°C
PRODUCT SIZE	<input checked="" type="checkbox"/> L128xW73xH45(MM)
PACKAGE SIZE	<input checked="" type="checkbox"/> L160xW110xH50(MM)
WEIGHT (G.W.)	470G
SKU	<input checked="" type="checkbox"/> ILAR-00838

### INSTALLATION





## FONTES DE ALIMENTAÇÃO

### POWER SUPPLY / FUENTES

IP20  
12V / 24V



WATTS	IP	V-IN	FREQUENCY	V-OUT	I-OUT MAX.	SIZE	WEIGHT	BOX QTY	SKU
35W	IP20	100-240 VAC	47-63HZ	12 VDC	3A	120x40x32mm	0.14KG	1	ILAR-00900
60W	IP20	176-264 VAC	50-60HZ	12 VDC	5A	160x40x32mm	0.17KG	1	ILAR-00901
100W	IP20	110-240 VAC	50-60HZ	12 VDC	8.5A	188x46x34mm	0.24KG	1	ARDV-01006
120W	IP20	110-240 VAC	50-60HZ	12 VDC	10A	188x46x34mm	0.24KG	1	ARDV-01007
150W	IP20	110-240 VAC	50-60HZ	12 VDC	12.5A	200x58x36mm	0.37KG	1	ARDV-01008
200W	IP20	180-240 VAC	50-60HZ	12 VDC	16.5A	223x68x40mm	0.54KG	1	ARDV-01030



WATTS	IP	V-IN	FREQUENCY	V-OUT	I-OUT MAX.	SIZE	WEIGHT	BOX QTY	SKU
36W	IP20	100-240VAC	47-63HZ	24 VDC	1.5A	120x40x32mm	0.14KG	1	ILAR-00902
60W	IP20	176-264 VAC	50-60HZ	24 VDC	2.5A	160x40x32mm	0.17KG	1	ILAR-00903
100W	IP20	176-264 VAC	50-60HZ	24 VDC	4.17A	188x47x35mm	0.25KG	1	ILAR-00904
120W	IP20	176-264 VAC	50-60HZ	24 VDC	5A	188x47x35mm	0.25KG	1	ILAR-00905
150W	IP20	180-280 VAC	50-60HZ	24 VDC	6.3A	200x58x40mm	0.45KG	1	ILAR-00906
200W	IP20	180-280 VAC	50-60HZ	24 VDC	8.3A	225x62x40mm	0.55KG	1	ILAR-00907
250W	IP20	180-240 VAC	50-60HZ	24 VDC	10A	223x72x36mm	0.55KG	1	ARDV-01031



## FONTES DE ALIMENTAÇÃO

### POWER SUPPLY / FUENTES

IP67  
24V



WATTS	IP	V-IN	FREQUENCY	V-OUT	I-OUT MAX.	SIZE	WEIGHT	BOX QTY	SKU
35W	IP67	100-240 VAC	50-60HZ	24 VDC	1.5 A	148x32x28mm	0.2KG	1	ARDV-01023
60W	IP67	100-240 VAC	50-60HZ	24 VDC	2.5 A	162x42x33mm	0.39KG	1	ARDV-01024
75W	IP67	100-240 VAC	50-60HZ	24 VDC	3 A	162x42x33mm	0.38KG	1	ARDV-01025
100W	IP67	100-240 VAC	50-60HZ	24 VDC	4.2 A	187x52x37mm	0.62KG	1	ARDV-01026
200W	IP67	200-240 VAC	50-60HZ	24 VDC	8.3 A	205x70x45mm	1.2KG	1	ARDV-01029

## PERFIL FITAS LED

LED STRIP | TIRAS LED

### PERFIL SUPERFÍCIE

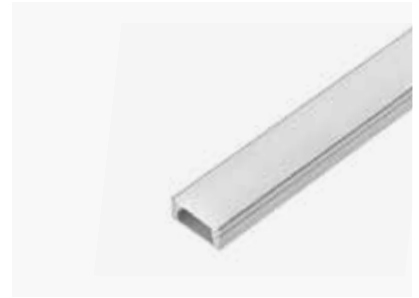
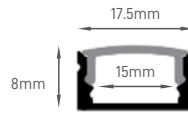
SURFACE / SUPERFICIE

2 METROS / OPAL

17.5x15x8mm

PERFIL DE ALUMÍNIO

**ILAR-00469**



### PERFIL SUPERFÍCIE

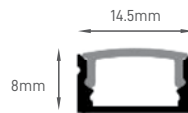
SURFACE / SUPERFICIE

2 METROS / OPAL

14.5x8mm

PERFIL DE ALUMÍNIO

**ILAR-01033**



### PERFIL SUPERFÍCIE

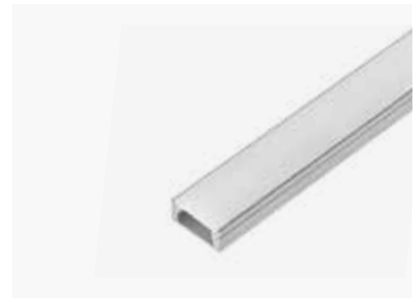
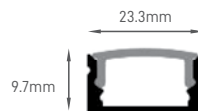
SURFACE / SUPERFICIE

2 METROS / OPAL

23.3x9.7mm

PERFIL DE ALUMÍNIO

**ILAR-01034**



### PERFIL SUPERFÍCIE 2M OPAL

PERFIL DE ALUMÍNIO

U Alto Saliente com difusor

55x33x50mm

**ILAR-01038**



### PERFIL CANTO QUADRADO

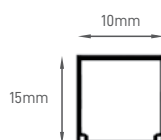
SQUARE / CUADRADO

2 METROS / OPAL

15x10mm

PERFIL DE ALUMÍNIO

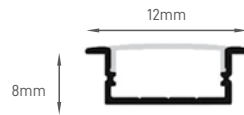
**ILAR-00466**





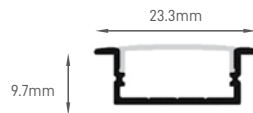
## PERFIL ENCASTRAR

RECESSED / EMPOTRABLE  
2 METROS / OPAL  
12x8mm  
PERFIL DE ALUMÍNIO  
ILAR-00465



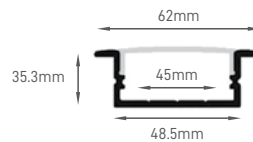
## PERFIL ENCASTRAR

RECESSED / EMPOTRABLE  
2 METROS / OPAL  
23.3x9.7mm  
PERFIL DE ALUMÍNIO  
ILAR-01035



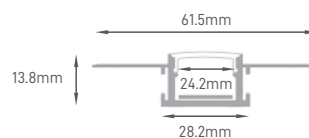
## PERFIL ENCASTRAR 2M OPAL

RECESSED / EMPOTRABLE  
PERFIL DE ALUMÍNIO  
U Alto Embutir com difusor  
62x35.3x45x48.5mm  
ILAR-01037



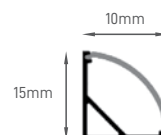
## PERFIL EMBUTIR EM PLADUR COM DIFUSOR

BRANCO / WHITE / BLANCO  
ENCASTRAR / RECESSED  
3 METROS  
61.8x13.8mm | 24.2x28.2mm  
Aluminium  
ILAR-01041



## PERFIL CANTO REDONDO

ROUND / REDONDO  
2 METROS / OPAL  
15x10mm  
PERFIL DE ALUMÍNIO  
ILAR-00467







# INTERIOR

ARMADURAS

BATTENS

REGLETAS



# INTERIOR

ARMADURAS | BATTENS | REGLETAS



## ATLAS

SANAN LED ALUMINIUM

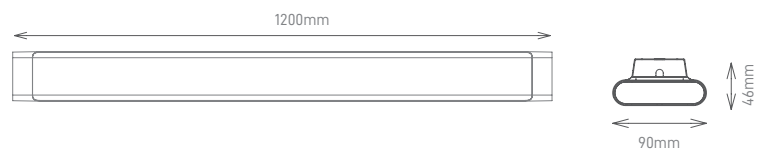
Luminária de alumínio com design elegante, e acabamentos de alta qualidade que combina potência (40W) com uma durabilidade elevada. É ideal para qualquer tipo de espaço comercial ou residencial respeitando os mais elevados padrões.

Aluminium luminaire with elegant design and high-end finishes which combines power (40W) with high durability, it is to be ideal for any type of commercial or residential space respecting the highest standards.

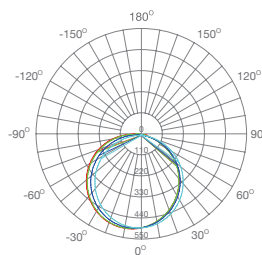
Luminaria de aluminio con diseño elegante y acabados de alta calidad que combina potencia (40W) con una alta durabilidad, es ideal para cualquier tipo de espacio comercial o residencial respetando los más altos estándares.

WATTS	40W	40W
CCT	3000K	4500K
TOTAL LUMINOUS FLUX	3400lm	3400lm
LUMINOUS EFFICACY	85lm/w	85lm/w
BEAM ANGLE	120°	120°
CRI	≥80	≥80
IP	IP20	IP20
VOLTAGE	200-240V 50Hz	200-240V 50Hz
SIZE	1200x90x23x46mm	1200x90x23x46mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	-	-
POWER FACTOR	-	-
NOMINAL LIFETIME	50.000H	50.000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Sanan	Sanan
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Surface Mounted	Surface Mounted
BODY MATERIAL	Aluminium	Aluminium
COLOR	White RAL9016	White RAL9016
BODY SHAPE	Linear	Linear
BOX QUANTITY	12 pcs/carton	12 pcs/carton
GROSS WEIGHT	28kg	28kg
SKU	ILAR-00714	ILAR-00839

### TECHNICAL DRAWING



### BEAM ANGLE



### RECOMMENDED ACCESSORIES

DESCRIPTION	SKU
Kit de Suspensão Pendant Kit Kit de Suspensión	ILAR-00713



## MYLA

SANAN LED ALUMINIUM+PC

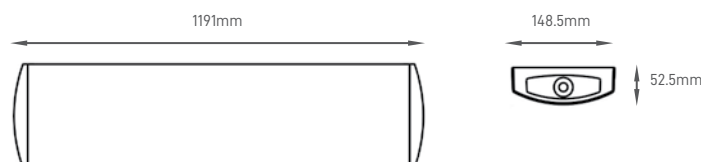
Armadura LED, com potência de 48W e proteção IP44, ideal para cozinhas e espaços interiores onde a elegância e a luminosidade sejam fatores importantes na criação de um melhor ambiente.

48W LED Batten with IP44 protection, ideal for kitchens and interior spaces where elegance and lumiance are important factors in creating a better space.

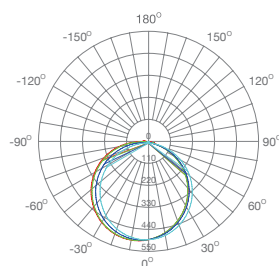
Armadura LED de 48W com proteção de IP44, ideal para cocinas y espacios interiores donde la elegancia y la iluminación son factores importantes para crear un mejor espacio.

WATTS	48W
CCT	4000K
TOTAL LUMINOUS FLUX	3850lm
LUMINOUS EFFICACY	80lm/w
BEAM ANGLE	120°
CRI	≥80
IP	IP44
VOLTAGE	220-240V
SIZE	1191x148.5x52.5mm
CUT-OUT	-
PROTECTION CLASS	Class II
PROTECTION CLASS IK	IK06
POWER FACTOR	≥0.9
NOMINAL LIFETIME	25.000H
STARTING TIME 100% ON	0.0001s
ON/OFF CYCLES	50.000
ENERGY LABEL	A+
LED BRAND	Sanan
DRIVER BRAND	Aronlight
MOUNTING TYPE	Surface
BODY MATERIAL	Aluminium/PC
COLOR	White
BODY SHAPE	Linear
BOX QUANTITY	5 pcs/carton
GROSS WEIGHT	-
SKU	ILAR-00871

### TECHNICAL DRAWING



### BEAM ANGLE



# INTERIOR

ARMADURAS | BATTENS | REGLETAS



## MEGASLIM SMD



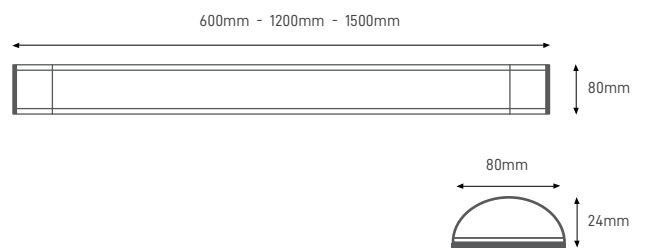
A Régua Mega Slim com o seu design simplista adapta-se a qualquer espaço. O difusor opalino confere um bom conforto visual e a sua fabricação de corpo em alumínio e tampas em policarbonato permitem uma ótima dissipação.

The Mega Slim Batten with its simplistic design adapts to any space. The opal diffuser provides good visual comfort and its aluminum body and polycarbonate cover allow for excellent dissipation.

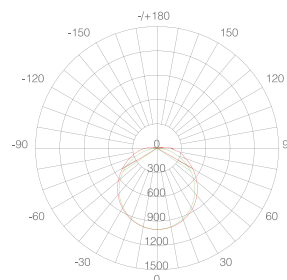
La regleta Mega Slim con su diseño simplista se adapta a cualquier espacio. El difusor opal proporciona un buen confort visual y su cuerpo de aluminio y tapas de policarbonato permiten una excelente disipación.

WATTS	20W	40W	40W
CCT	6000K	4500K	6000K
TOTAL LUMINOUS FLUX	1600lm	3200lm	3200lm
LUMINOUS EFFICACY	80lm/w	80lm/w	80lm/w
BEAM ANGLE	120°	120°	120°
CRI	≥80	≥80	≥80
IP	IP20	IP20	IP20
VOLTAGE	200-240V 50Hz	200-240V 50Hz	200-240V 50Hz
SIZE	600x80x24mm	1200x80x24mm	1200x80x24mm
CUT-OUT	-	-	-
PROTECTION CLASS	Class I	Class I	Class I
PROTECTION CLASS IK	IK05	IK05	IK05
POWER FACTOR	≥0.9	≥0.9	≥0.9
NOMINAL LIFETIME	20.000H	20.000H	20.000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+
LED BRAND	Epistar	Epistar	Epistar
DRIVER BRAND	Aronlight	Aronlight	Aronlight
MOUNTING TYPE	Surface Mounted	Surface Mounted	Surface Mounted
BODY MATERIAL	Aluminium/PVC	Aluminium/PVC	Aluminium/PVC
COLOR	White RAL9016	White RAL9016	White RAL9016
BODY SHAPE	Linear	Linear	Linear
BOX QUANTITY	20 pcs/carton	20 pcs/carton	20 pcs/carton
GROSS WEIGHT	-	-	-
SKU	ILAR-00237	ILAR-00239	ILAR-00240

### TECHNICAL DRAWING



### BEAM ANGLE





# KAYA

120 LUMENS / WATT

Certificação ENEC | ENEC Certification | Certificación ENEC



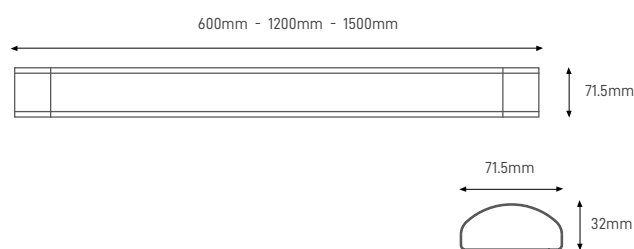
Luminária de Design Slim com eficiência de 120Lm/W e Fator Potência >0.96. Proteção IP20 e tempo de vida de 30.000H (3 anos garantia).

*Slim Design Light with efficiency of 120Lm / W and Power Factor > 0.96. IP20 protection and 30.000H life time (3 years warranty).*

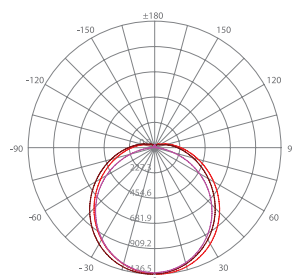
Luminaria de Diseño Slim con eficiencia de 120Lm / W y Factor Potencia > 0.96. Protección IP20 y tiempo de vida de 30.000H (3 años garantía).

WATTS	15W	30W	40W
CCT	4000K	4000K	4000K
TOTAL LUMINOUS FLUX	1800lm	3600lm	4800lm
LUMINOUS EFFICACY	120lm/w	120lm/w	120lm/w
BEAM ANGLE	120°	120°	120°
CRI	≥80	≥80	≥80
IP	IP20	IP20	IP20
VOLTAGE	100-240V	100-240V	100-240V
SIZE	600x71.5x32mm	1200x71.5x32mm	1500x71.5x32mm
CUT-OUT	-	-	-
PROTECTION CLASS	Class II	Class II	Class II
PROTECTION CLASS IK	IK08	IK08	IK08
POWER FACTOR	≥0.96	≥0.96	≥0.96
NOMINAL LIFETIME	30000H	30000H	30000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+
LED BRAND	Epistar	Epistar	Epistar
DRIVER BRAND	Aronlight	Aronlight	Aronlight
MOUNTING TYPE	Surface Mounted	Surface Mounted	Surface Mounted
BODY MATERIAL	PC+Aluminium Inside	PC+Aluminium Inside	PC+Aluminium Inside
COLOR	White RAL9016	White RAL9016	White RAL9016
BODY SHAPE	Linear	Linear	Linear
BOX QUANTITY	20 pcs/carton	20 pcs/carton	20 pcs/carton
GROSS WEIGHT	-	-	-
SKU	ILAR-00773	ILAR-00774	ILAR-00775

## TECHNICAL DRAWING



## BEAM ANGLE



# INTERIOR

ARMADURAS | BATTENS | REGLETAS



## SLIM T8

Réguas Slim para instalação de Tubos LED, ideal para substituição de antigas armaduras por tecnologia LED.

*Slim Batten for T8 Tube Installation. Ideal to Replace old Battens for LED Technology.*

*Slim Batten para la instalación de tubos T8, ideal para reemplazar las antiguas regletas para tecnología LED.*

MODEL	60CM	120CM
TYPE OF BULB	TUBE T8	TUBE T8
SIZE <input checked="" type="checkbox"/>	600x135mm	1200x135mm
MODEL	Double	Double
VOLTAGE	220-240V	220-240V
IP	IP20	IP20
MAX POWER	2X 9W	2X 18W
TYPE	Surface	Surface
MATERIAL	Polycarbonato / Metal	Polycarbonato / Metal
BOX QTY <input type="checkbox"/>	20	20
SKU	<b>ILAR-00242</b>	<b>ILAR-00244</b>



OBS.: Tubos não incluídos / Tubes not included / Tubos no incluidos



## RÉGUAS T8

Réguas de superfície para instalação de tubos LED.

*Surface Battens for LED Tube Installation.*

*Regleta de superficie para instalación de tubos LED.*

MODEL	60CM	60CM	120CM	120CM	150CM	150CM
TYPE OF BULB	TUBE T8	TUBE T8	TUBE T8	TUBE T8	TUBE T8	TUBE T8
SIZE <input checked="" type="checkbox"/>	621x78x48mm	621x78x48mm	1228x78x48mm	1228x78x48mm	1528x78x48mm	1528x78x48mm
MODEL	Single	Double	Single	Double	Single	Double
VOLTAGE	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V
IP	IP20	IP20	IP20	IP20	IP20	IP20
MAX POWER	1X 30W	2X 30W	1X 30W	2X 30W	1X 30W	2X 30W
TYPE	Surface	Surface	Surface	Surface	Surface	Surface
MATERIAL	Aluminium/PVC	Aluminium/PVC	Aluminium/PVC	Aluminium/PVC	Aluminium/PVC	Aluminium/PVC
BOX QTY <input type="checkbox"/>	10	10	10	10	10	10
SKU	<b>ILAR-00270</b>	<b>ILAR-00271</b>	<b>ILAR-00272</b>	<b>ILAR-00273</b>	<b>ILAR-00274</b>	<b>ILAR-00275</b>



OBS.: Tubos não incluídos / Tubes not included / Tubos no incluidos



## RÉGUAS T5 PRO

As luminárias Pro T5 da Aronlight estão equipadas com chips led de alta eficiência (110LM/W). O difusor de puro policarbonato emite uma luz uniforme e difusa que criando um ambiente agradável. É possível conectar até 15 metros e os acessórios de conexão vêm já incluídos na luminária.

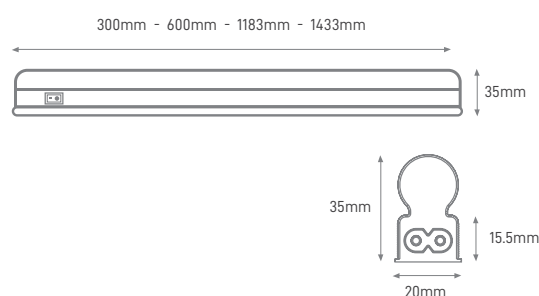
The Aronlight Pro T5 luminaires are equipped with high efficiency led chips (110LM/W). The pure polycarbonate diffuser emits an uniform and diffused light that creates a pleasant environment. It is possible to connect up to 15 meters and the connection accessories are already included in the luminaire.

Las luminarias Aronlight Pro T5 están equipadas con chips LED de alta eficiencia (110LM/W). El difusor de policarbonato puro emite una luz uniforme y difusa que crea un ambiente agradable. Es posible conectar hasta 15 metros y los accesorios de conexión ya están incluidos en la luminaria.

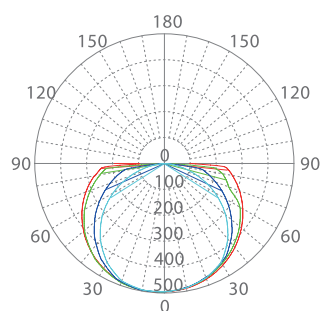


WATTS	4W	8W	18W	22W
CCT	4000K	4000K	4000K	4000K
TOTAL LUMINOUS FLUX	440lm	880lm	1980lm	2420lm
LUMINOUS EFFICACY	110lm/W	110lm/W	110lm/W	110lm/W
BEAM ANGLE	300°	300°	300°	300°
CRI	≥80	≥80	≥80	≥80
IP	IP20	IP20	IP20	IP20
VOLTAGE	AC100 - 240V	AC100 - 240V	AC100 - 240V	AC100 - 240V
SIZE	300x35mm	600x35mm	1183x35mm	1433x35mm
CUT-OUT	-	-	-	-
PROTECTION CLASS	-	-	-	-
PROTECTION CLASS IK	-	-	-	-
POWER FACTOR	≥0.95	≥0.95	≥0.95	≥0.95
NOMINAL LIFETIME	25.000H	25.000H	25.000H	25.000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	-	-	-	-
DRIVER BRAND	Aronlight	Aronlight	Aronlight	Aronlight
MOUNTING TYPE	Surface	Surface	Surface	Surface
BODY MATERIAL	PVC	PVC	PVC	PVC
COLOR	White RAL9016	White RAL9016	White RAL9016	White RAL9016
BODY SHAPE	Linear	Linear	Linear	Linear
BOX QUANTITY	30 pcs/carton	30 pcs/carton	30 pcs/carton	30 pcs/carton
GROSS WEIGHT	-	-	-	-
SKU	ILAR-00786	ILAR-00789	ILAR-00792	ILAR-00889

### TECHNICAL DRAWING



### BEAM ANGLE





# INTERIOR

ARMADURAS | BATTENS | REGLETAS



## ARMADURA T8 IP65

IP65 BATTEN | REGLETA IP65



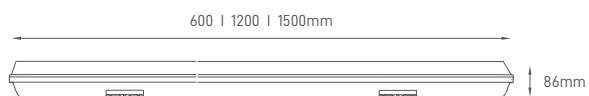
Armadura em policarbonato para instalação de tubos LED T8. proteção IP65 e várias medidas com Clips Inox.

Polycarbonate Batten with IP65 protection for T8 Tube installation and various sizes with Inox Clips.

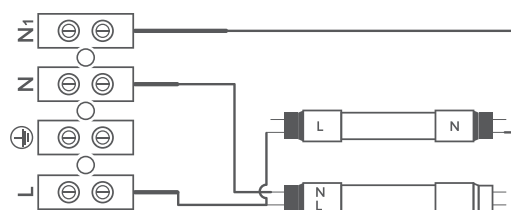
Armadura en policarbonato para la instalación de tubos LED T8, protección IP65 y varias medidas y Clips Inox.

SIZE	☑	60CM	60CM	120CM	120CM	150CM	150CM
MODEL		Single	Double	Single	Double	Single	Double
IP		IP65	IP65	IP65	IP65	IP65	IP65
IK		IK08	IK08	IK08	IK08	IK08	IK08
VOLTAGE		220-240V	220-240V	220-240V	220-240V	220-240V	220-240V
CLASS		Class I	Class I	Class I	Class I	Class I	Class I
SIZE		650x75x86mm	650x120x86mm	1260x75x86mm	1260x120x86mm	1560x75x86mm	1560x120x86mm
CLIPS		Inox Clips	Inox Clips	Inox Clips	Inox Clips	Inox Clips	Inox Clips
MATERIAL		Policarbonato	Policarbonato	Policarbonato	Policarbonato	Policarbonato	Policarbonato
BOX QTY		15 pcs/carton	10 pcs/carton	12 pcs/carton	8 pcs/carton	12 pcs/carton	8 pcs/carton
SKU	■■■■■	<b>ILAR-00260</b>	<b>ILAR-00261</b>	<b>ILAR-00262</b>	<b>ILAR-00263</b>	<b>ILAR-00264</b>	<b>ILAR-00265</b>

### TECHNICAL DRAWING



### WIRING DIAGRAM





## ARMADURA SMD IP65

LINKABLE IP65 POLICARBONATO

### IP65 BATTEN | REGLETA IP65

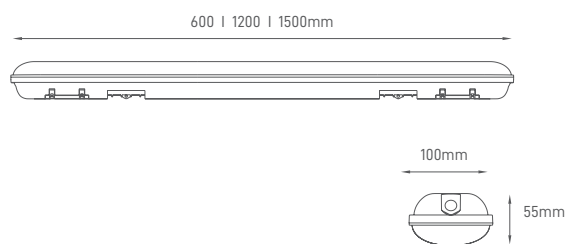
Armadura de policarbonato com placa Led Smd, proteção IP65 e elevado fator de potência PF:0.9. Equipada com buçins de entrada e saída para ligação de várias luminárias em linha sem necessidade de qualquer alteração no seu interior.

Polycarbonate Batten with LED Smd board, IP65 protection and high power factor: 0.9. Equipped with entry and exit glands for connecting several in-line luminaires without the need for any changes to the interior.

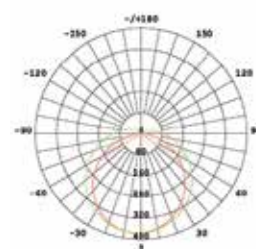
Armadura de policarbonato con placa Led Smd, protección IP65 y alto factor de potencia PF:0.9. Equipado con prensaestopas de entrada y salida para conectar varias luminarias en línea sin necesidad de cambios en el interior.

WATTS	28W	56W	70W
CCT	5000K	5000K	5000K
TOTAL LUMINOUS FLUX	2660lm	5320lm	6650lm
LUMINOUS EFFICACY	95lm/w	95lm/w	95lm/w
BEAM ANGLE	120°	120°	120°
CRI	≥80	≥80	≥80
IP	IP65	IP65	IP65
VOLTAGE	220-240V	220-240V	220-240V
SIZE	600x100x70mm	1200x100x70mm	1500x100x70mm
CUT-OUT	-	-	-
PROTECTION CLASS	Class I	Class I	Class I
PROTECTION CLASS IK	IK08	IK08	IK08
POWER FACTOR	-	-	-
NOMINAL LIFETIME	40000H	40000H	40000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+
LED BRAND	Epistar	Epistar	Epistar
DRIVER BRAND	Aronlight	Aronlight	Aronlight
MOUNTING TYPE	Surface	Surface	Surface
BODY MATERIAL	Polycarbonate	Polycarbonate	Polycarbonate
COLOR	Grey	Grey	Grey
BODY SHAPE	Linear	Linear	Linear
BOX QUANTITY	15 pcs/carton	8 pcs/carton	8 pcs/carton
GROSS WEIGHT	-	-	-
SKU	ILAR-00277	ILAR-00278	ILAR-00279

#### TECHNICAL DRAWING



#### BEAM ANGLE



# INTERIOR

ARMADURAS | BATTENS | REGLETAS



## TRI-PROOF

170 LUMENS | WATT

Certificação ENEC | ENEC Certification | Certificación ENEC



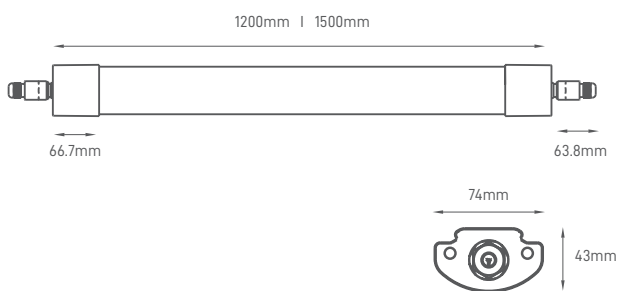
Luminária com elevada proteção IP66 e IK10. Possui uma eficiência de 170Lm/W e tempo de vida de 50.000H (5 anos garantia). Possibilidade de instalação saliente ou suspensa.

Luminaire with high protection IP66 and IK10. It has an efficiency of 170Lm / W and a lifetime of 50.000H (5 year warranty). Possibility of installation outgoing or suspended.

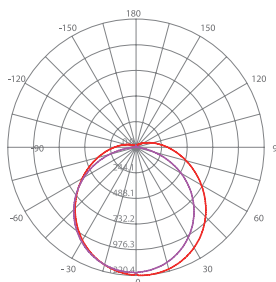
Luminaria con alta protección IP66 e IK10. Tiene una eficiencia de 170Lm / W y un tiempo de vida de 50.000H (5 años de garantía). Posibilidad de instalación saliente o suspendida.

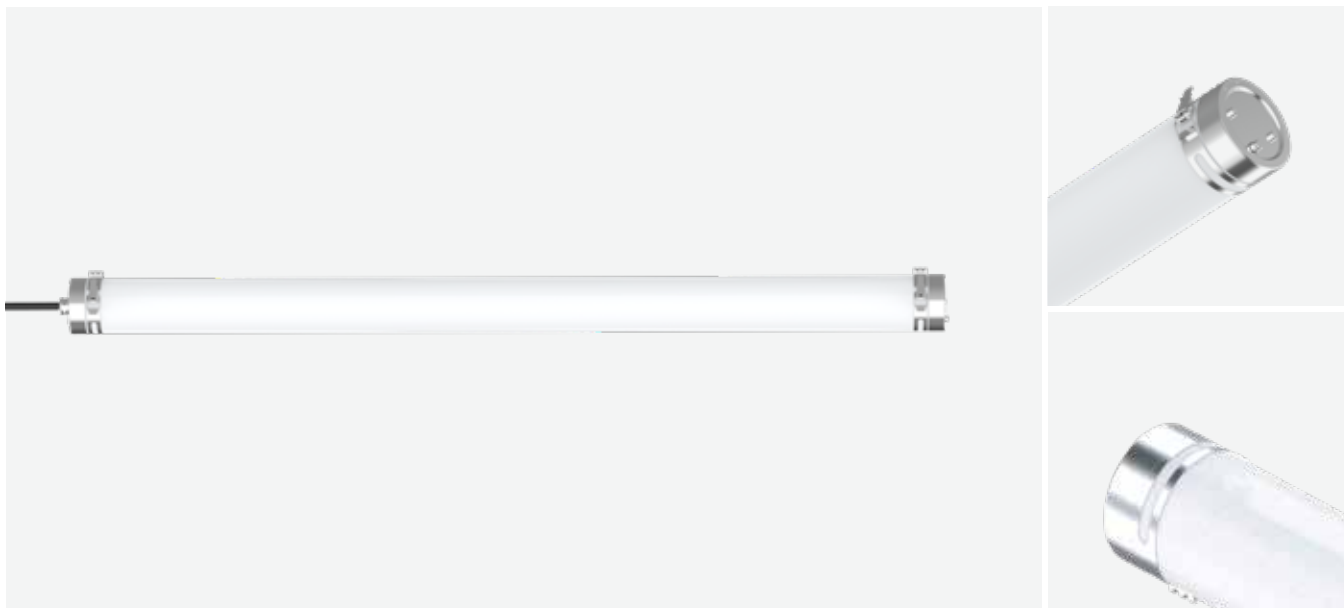
WATTS	30W	40W
CCT	4000K	4000K
TOTAL LUMINOUS FLUX	5100lm	6800lm
LUMINOUS EFFICACY	170lm/w	170lm/w
BEAM ANGLE	120°	120°
CRI	≥80	≥80
IP	IP66	IP66
VOLTAGE	100-240V	100-240V
SIZE	1200x74x43mm	1500x74x43mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK10	IK10
POWER FACTOR	0.96	0.96
NOMINAL LIFETIME	50000H	50000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Hongli LED	Hongli LED
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Surface Mounted	Surface Mounted
BODY MATERIAL	PC+Aluminium inside	PC+Aluminium inside
COLOR	White	White
BODY SHAPE	Linear	Linear
BOX QUANTITY	12 pcs/carton	12 pcs/carton
GROSS WEIGHT	-	-
SKU	ILAR-00776	ILAR-00777

### TECHNICAL DRAWING



### BEAM ANGLE





# DURA


## IP66 BATTEN | LÍNEA DE LUMINÁRIAS



Luminária com elevada proteção IP66 e IK10. Possui uma eficiência de 125Lm/W e tempo de vida de 50.000H (5 anos garantia). Possibilidade de instalação saliente ou suspensa.

Luminaire with high protection IP66 and IK10. It has an efficiency of 125Lm / W and a lifetime of 50.000H (5 year warranty). Possibility of installation outgoing or suspended.

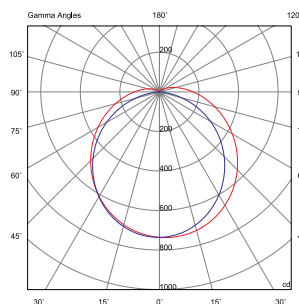
Luminaria con alta protección IP66 e IK10. Tiene una eficiencia de 125Lm / W y un tiempo de vida de 50.000H (5 años de garantía). Posibilidad de instalación saliente o suspendida.

WATTS	33W	45W
CCT	4000K	4000K
TOTAL LUMINOUS FLUX	4150lm	5625lm
LUMINOUS EFFICACY	125lm/w	125lm/w
BEAM ANGLE	140°	140°
CRI	≥80	≥80
IP	IP66	IP66
VOLTAGE	200-240V	200-240V
SIZE	1200xØ75.2mm	1500xØ75.2mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK10	IK10
POWER FACTOR	>0.9	>0.9
NOMINAL LIFETIME	50000H	50000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Sanan	Sanan
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Surface Mounted	Surface Mounted
BODY MATERIAL	PC+Aluminium inside	PC+Aluminium inside
COLOR	White	White
BODY SHAPE	Linear	Linear
BOX QUANTITY	6 pcs/carton	6 pcs/carton
GROSS WEIGHT	-	-
SKU	 ILAR-00991	ILAR-00992

### TECHNICAL DRAWING



### BEAM ANGLE



# INTERIOR

ARMADURAS | BATTENS | REGLETAS



## INTEL TRI-PROOF

150 LUMENS | WATT

Certificação ENEC | ENEC Certification | Certificación ENEC



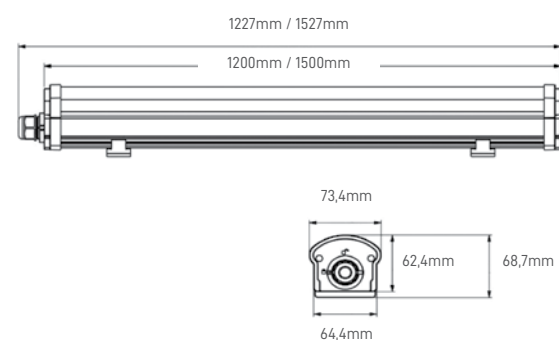
Luminária com elevada proteção IP66 e IK10. Possui uma eficiência de 150Lm/W e tempo de vida de 50.000H (5 anos garantia). Possibilidade de instalação saliente ou suspensa de fácil instalação.

Luminaire with high protection IP66 and IK10. It has an efficiency of 150Lm/W and a lifetime of 50.000H (5 year warranty). Easy installation and possibility of installation outgoing or suspended.

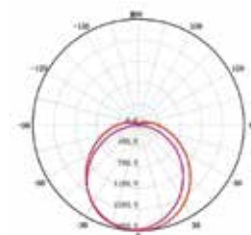
Luminaria con alta protección IP66 e IK10. Tiene una eficiencia de 150Lm/W y un tiempo de vida de 50.000H (5 años de garantía). Fácil instalación y posibilidad de instalación saliente o suspendida.

WATTS	30W	43W
CCT	5000K	5000K
TOTAL LUMINOUS FLUX	4500lm	6450lm
LUMINOUS EFFICACY	150lm/w	150lm/w
BEAM ANGLE	120°	120°
CRI	≥80	≥80
IP	IP66	IP66
VOLTAGE	100-240V	100-240V
SIZE	1200x73.4x68.7mm	1500x73.4x68.7mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK10	IK10
POWER FACTOR	0.96	0.96
NOMINAL LIFETIME	50000H	50000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Hongli LED	Hongli LED
DRIVER BRAND	Aronlight	Aronlight
MOUNTING TYPE	Surface Mounted	Surface Mounted
BODY MATERIAL	PC+Aluminium inside	PC+Aluminium inside
COLOR	White	White
BODY SHAPE	Linear	Linear
BOX QUANTITY	12 pcs/carton	12 pcs/carton
GROSS WEIGHT	-	-
SKU	ILAR-00957	ILAR-00958

### TECHNICAL DRAWING



### BEAM ANGLE





NOVA INTEL

# TRI-PROOF

150 LUMENS | WATT  
30W / 40W / 5000K



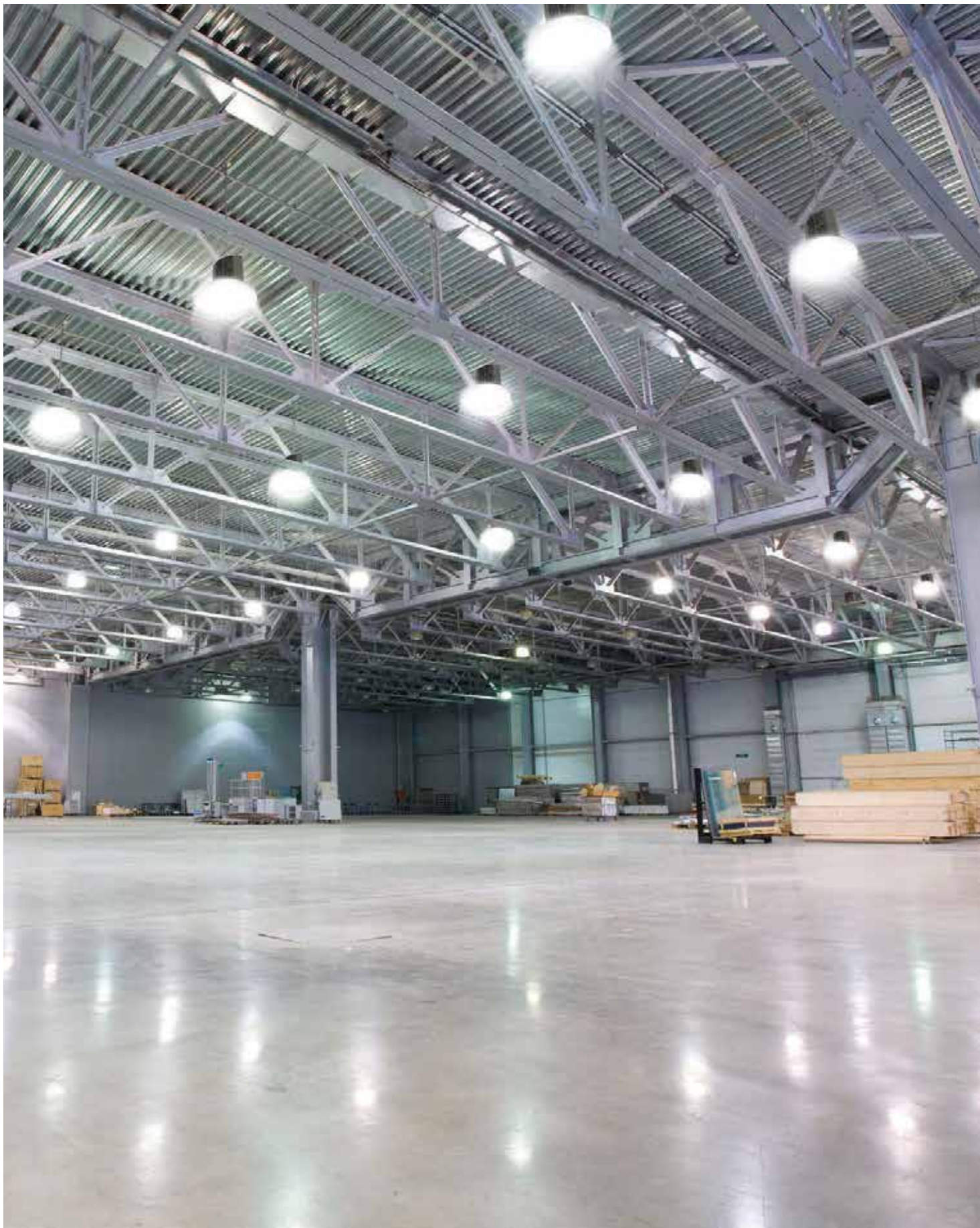


**INTERIOR**

CAMPÂNULAS

HIGHBAY

CAMPANAS







# CERTIFICAÇÃO TÜV

TÜV CERTIFICATION | CERTIFICACIÓN TÜV

As certificações TÜV garantem que nossos produtos são seguros, em conformidade com as regulações e são de alta qualidade. Oferecem aos nossos clientes a segurança para comprar e utilizar os nossos produtos nas situações mais exigentes.

*The TÜV certifications assures that our products are safe, conform to the standards and are of high quality. They offer our customers the safety to buy and use our products in the most demanding situations.*

*Las certificaciones TÜV aseguran que nuestros productos son seguros, cumplen con los estándares y son de alta calidad. Ofrecen a nuestros clientes la seguridad de comprar y utilizar nuestros productos en las situaciones más exigentes.*



## ARONLIGHT TÜV APPROVED BRAND

Registration Number: AE 50441877 0001

Report Number: 50228690 002



Aronlight é uma marca registada e aprovada para utilizar os certificados TÜV nos seus produtos. Certificamos a compatibilidade eletromagnética(EMC), diretiva de baixa tensão (LVD) assegurando também a segurança elétrica e fotobiológica.

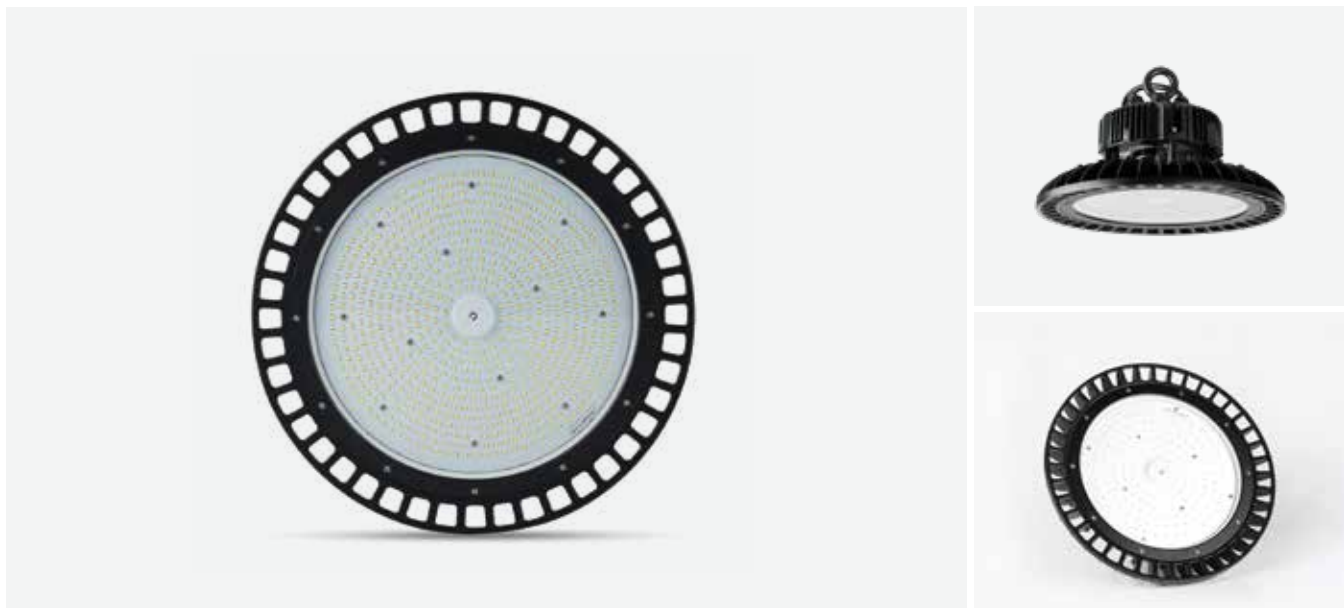
Aronlight is a registered trademark and approved to use TÜV certificates in its products. We certify the electromagnetic compatibility (EMC), low voltage directive (LVD) also ensuring electrical and photobiological safety.



Aronlight es una marca registrada y aprobada para usar certificados TÜV en sus productos. Certificamos la compatibilidad electromagnética (EMC), directiva de baja tensión (LVD) garantizando además la seguridad eléctrica y fotobiológica.

# INTERIOR

CAMPÂNULAS | HIGHBAY | CAMPANAS



## CAMPÂNULA PRO

IP65 PREMIUM UFO

- 5 YEARS WARRANTY
- DIM 1-10V
- LED CHIP PHILIPS
- MEANWELL DRIVER
- IP65

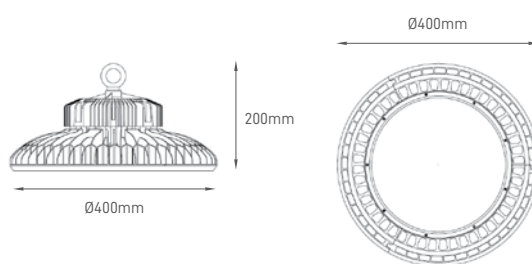
Linha de Campânulas IP65 Premium, garantia de **5 ANOS**. DRIVER MEANWELL, CHIP LED PHILIPS LUMILEDS com possibilidade de diferentes acessórios de ângulo de luz.

IP65 Premium UFO line, 5 year warranty, Meanwell Driver, Philips Lumileds Led Chip with possibility of different beam angle accessories.

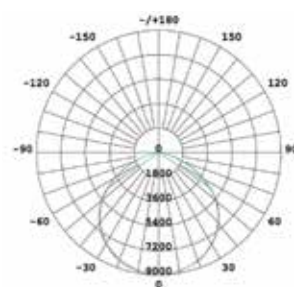
Línea de Campanas IP65 Premium, garantía de 5 años, Driver Meanwell, Chip Led Philips Lumileds con posibilidad de diferentes accesorios de haz de luz.

WATTS	100W	150W	200W	240W
CCT	5000K	5000K	5000K	5000K
TOTAL LUMINOUS FLUX	13500lm	20250lm	27000lm	32400lm
LUMINOUS EFFICACY	135lm/w	135lm/w	135lm/w	135lm/w
BEAM ANGLE	110°	110°	110°	110°
CRI	≥80	≥80	≥80	≥80
IP	IP65	IP65	IP65	IP65
VOLTAGE	110-240V	110-240V	110-240V	110-240V
DIMMING	1-10V	1-10V	1-10V	1-10V
SIZE	Ø298mm	Ø298mm	Ø360mm	Ø360mm
CUT-OUT	-	-	-	-
PROTECTION CLASS	Class II	Class II	Class II	Class II
PROTECTION CLASS IK	IK08	IK08	IK08	IK08
POWER FACTOR	>0.95	>0.95	>0.95	>0.95
NOMINAL LIFETIME	50000H	50000H	50000H	50000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	PHILIPS	PHILIPS	PHILIPS	PHILIPS
DRIVER BRAND	Meanwell	Meanwell	Meanwell	Meanwell
MOUNTING TYPE	Suspended	Suspended	Suspended	Suspended
BODY MATERIAL	Aluminium	Aluminium	Aluminium	Aluminium
COLOR	Black	Black	Black	Black
BODY SHAPE	Round	Round	Round	Round
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton	1 pc/carton
GROSS WEIGHT	-	-	-	-
SKU	ILAR-00845	ILAR-00846	ILAR-00847	ILAR-00848

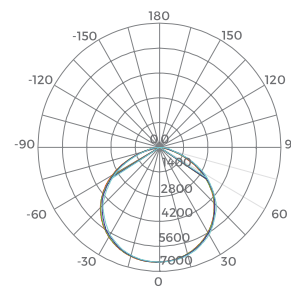
MODEL 100-150WATTS



BEAM ANGLE 150W



BEAM ANGLE 200W





# CAMPÂNULA STANDARD

## IP65 PREMIUM UFO

- 4 YEARS WARRANTY
- DIM 1-10V
- LED CHIP EPISTAR
- SOSEN DRIVER
- IP65

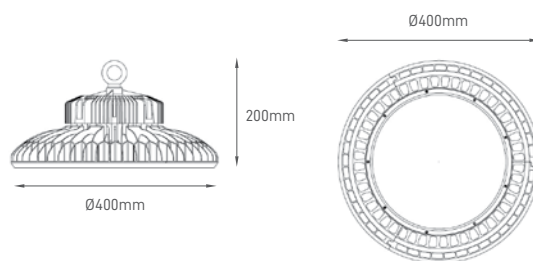
Uma nova Linha de Campânulas IP65 profissional. **GARANTIA DE 4 ANOS. DRIVER SOSEN, CHIP LED EPISTAR** com possibilidade de diferentes acessórios de ângulo de luz.

New IP65 Premium UFO line, 4 year warranty, Sosen Driver, Epistar Led Chips with possibility of different beam angle accessories.

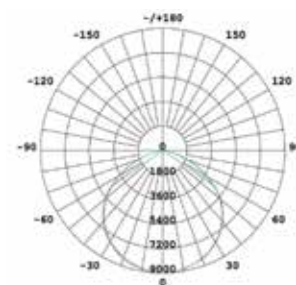
Una nueva Línea de Campanas IP65 profesional, garantía de 4 años. Driver Sosen. Chip Led Epistar con posibilidad de diferentes accesorios de ángulo de luz.

WATTS	100W	150W	200W
CCT	5000K	5000K	5000K
TOTAL LUMINOUS FLUX	13500lm	20250lm	27000lm
LUMINOUS EFFICACY	135lm/w	135lm/w	135lm/w
BEAM ANGLE	110°	110°	110°
CRI	≥80	≥80	≥80
IP	IP65	IP65	IP65
VOLTAGE	110-240V	110-240V	110-240V
DIMMING	1-10V	1-10V	1-10V
SIZE	Ø298mm	Ø298mm	Ø360mm
CUT-OUT	-	-	-
PROTECTION CLASS	Class II	Class II	Class II
PROTECTION CLASS IK	IK08	IK08	IK08
POWER FACTOR	>0.95	>0.95	>0.95
NOMINAL LIFETIME	50000H	50000H	50000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+
LED BRAND	EPISTAR	EPISTAR	EPISTAR
DRIVER BRAND	Sosen	Sosen	Sosen
MOUNTING TYPE	Suspended	Suspended	Suspended
BODY MATERIAL	Aluminium	Aluminium	Aluminium
COLOR	Black	Black	Black
BODY SHAPE	Round	Round	Round
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton
GROSS WEIGHT	-	-	-
SKU	ILAR-00806	ILAR-00753	ILAR-00807

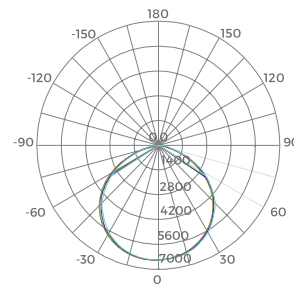
MODEL 100-150WATTS



BEAM ANGLE 150W



BEAM ANGLE 200W



# INTERIOR

CAMPÂNULAS | HIGHBAY | CAMPANAS



## CAMPÂNULA TECH

### 160 LUMEN/W

5 YEARS WARRANTY   NON DIMMABLE   LUMILED LED   PHILIPS DRIVER   160LM/W   IP65

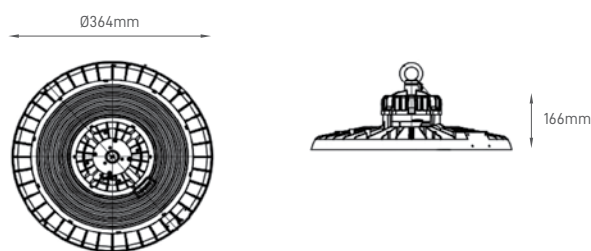
Linha de Campânulas IP65, garantia de **5 ANOS. PHILIPS TITANIUM DRIVER, CHIP LUMILEDs** com possibilidade de diferentes acessórios de ângulo de luz.

IP65 Premium UFO line. 5 year warranty, Philips Xitanium Driver. Lumileds Led Chip with possibility of different beam angle accessories.

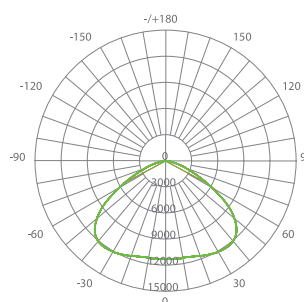
Línea de Campanas IP65 Premium, garantía de 5 años. Philips Xitanium Driver. Chip Lumileds con posibilidad de diferentes accesorios de haz de luz.

WATTS	150W	200W
CCT	5000K	5000K
TOTAL LUMINOUS FLUX	24000lm	32000lm
LUMINOUS EFFICACY	160lm/w	160lm/w
BEAM ANGLE	90°	90°
CRI	≥80	≥80
IP	IP65	IP65
VOLTAGE	220-240VAC, 50 / 60 Hz	220-240VAC, 50 / 60 Hz
DIMMING	NO	NO
SIZE	<input checked="" type="checkbox"/> Ø298x167mm	Ø364x166mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK08	IK08
POWER FACTOR	>0.95	>0.95
NOMINAL LIFETIME	94000H	94000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Lumiled	Lumiled
DRIVER BRAND	Philips Xitanium Driver	Philips Xitanium Driver
MOUNTING TYPE	Ceiling Mounting	Ceiling Mounting
BODY MATERIAL	Aluminum Alloy	Aluminum Alloy
	Polycarbonate Optical Lens	Polycarbonate Optical Lens
COLOR	Black	Black
BODY SHAPE	Round	Round
BOX QUANTITY	1 pc/carton	1 pc/carton
GROSS WEIGHT	3.3±0.3kg	4.5±0.3kg
SKU	ILAR-01044	ILAR-01045

#### TECHNICAL DRAWING



#### BEAM ANGLE



Disponível em Junho-2021 | Available in June-2021 | Disponible en Junio-2021



# CAMPÂNULA DOB ECO

## DOB DRIVER

- 2 YEARS WARRANTY
- LUMILED LED
- ALUMINIUM
- DOB DRIVER
- IP65

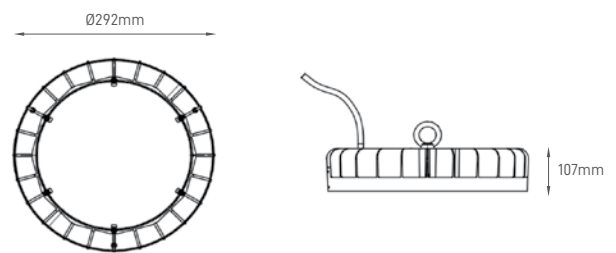
Linha de Campânulas IP65 Premium, garantia de **2 ANOS. DRIVER DOB, CHIP LED LUMILEDS** com possibilidade de diferentes acessórios de ângulo de luz.

IP65 Premium UFO line, 2 year warranty, Driver DOB, Lumileds Led Chip with possibility of different beam angle accessories.

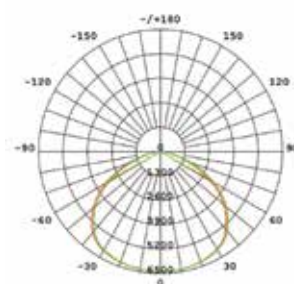
Línea de Campanas IP65 Premium, garantía de 2 años, Driver DOB, Chip Led Lumileds con posibilidad de diferentes accesorios de haz de luz.

WATTS	150W	180W
CCT	5000K	5000K
TOTAL LUMINOUS FLUX	16500lm	19800lm
LUMINOUS EFFICACY	110lm/w	110lm/w
BEAM ANGLE	110°	110°
CRI	≥80	≥80
IP	IP65	IP65
VOLTAGE	200-240VAC, 50/60 Hz	200-240VAC, 50/60 Hz
DIMMING	NO	NO
SIZE	Ø292×107mm	Ø292×107mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK07	IK07
POWER FACTOR	>0.9	>0.9
NOMINAL LIFETIME	94000H	94000H
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Lumiled	Lumiled
DRIVER BRAND	DOB Driver	DOB Driver
MOUNTING TYPE	Suspended	Suspended
BODY MATERIAL	Aluminum Alloy	Aluminum Alloy
	Tempered glass	Tempered glass
COLOR	Black	Black
BODY SHAPE	Round	Round
BOX QUANTITY	1 pc/carton	1 pc/carton
GROSS WEIGHT	2.6±0.3kg	2.6±0.3kg
SKU	ILAR-01046	ILAR-01047

### TECHNICAL DRAWING



### BEAM ANGLE



Disponível em Junho-2021 | Available in June-2021 | Disponible en Junio-2021

## INTERIOR

CAMPÂNULAS | HIGHBAY | CAMPANAS

# CONTROLE ZIGBEE SEM FIOS

ZIGBEE CONTROL SYSTEM

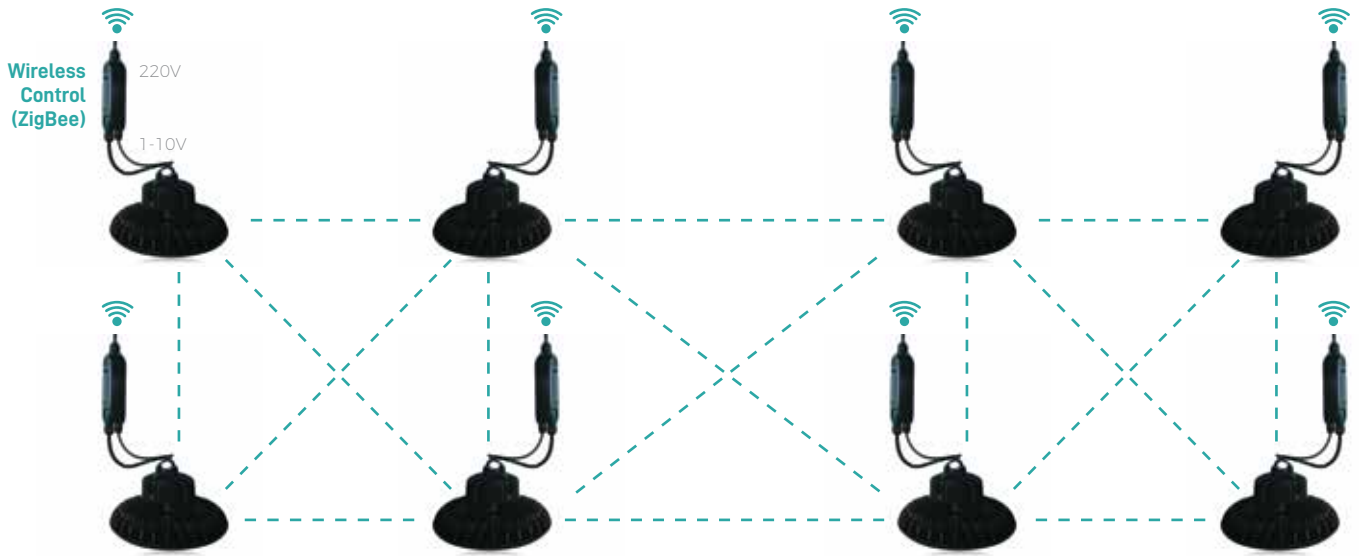
SISTEMA DE CONTROL DE ZIGBEE INALÁMBRICO

## TAKE CONTROL OF YOUR LIGHTING ZIGBEE

Com as campâmulas Industriais Aronlight, com drivers dimáveis de alta performance de 1-10V, apenas são necessários dois tipos de unidades para funcionamento do sistema: um **Controlador Wireless (ZigBee)** por câmpanula e uma **Gateway** (100 câmpanulas / 1 Gateway). Os controladores recebem informação da app por via wireless e comunicam entre si sem a necessidade de fios. De forma simples o utilizador através do seu Telemóvel, Tablet ou PC pode controlar uma rede complexa de câmpanulas.

*With the Aronlight industrial Highbays, with dimmable high-performance drivers of 1-10V, only two types of units are needed for the system to function: a Wireless Controller (ZigBee) per highbay and a Gateway (100 hoods / 1 Gateway). The controllers receive information from the app wirelessly and communicate with each other without the need for wires. In a simple way, the user can control a complex network of highbays via his Mobile Phone, Tablet or PC.*

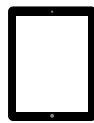
*Con las campanas industriales Aronlight, con drivers regulables de alto rendimiento de 1-10V, solo se requieren dos tipos de unidades para que el sistema funcione: Un Controlador Inalámbrico (ZigBee) por campana y una puerta de enlace (100 Campanas / 1 Puerta de Enlace). Los controladores reciben información de la aplicación de forma inalámbrica y se comunican entre sí sin necesidad de cables. De forma sencilla, el usuario puede controlar una compleja red de cámaras a través de su Teléfono Móvil, Tablet o PC.*



NECESSÁRIO WIFI 2.4GHZ



Gateway



Android / IOS



Windows PC

## FUNCTIONS



### Controle de Grupos de Campânulas

Highbay Cluster Control  
Control de Campana



### Definição de Cenários

Defining Scenarios  
Definición de Escenarios



### Alerta de Falhas do Sistema

System Failure Alert  
Alerta de Falla del Sistema



### On / Off Control Sem Fios

Wireless On / Off Control  
On / Off / Controla



### Dimming

Dimmable  
Regulable



### Sensor de Movimento (Opcional)

Motion Sensor (Optional)  
Sensor de Movimiento (Opcional)



### Definição de Timer por Zonas

Timer Definition by Zones  
Definición del Temporizador por Zonas



### Medição de Consumos

Consumption Measurement  
Medida de Consumo



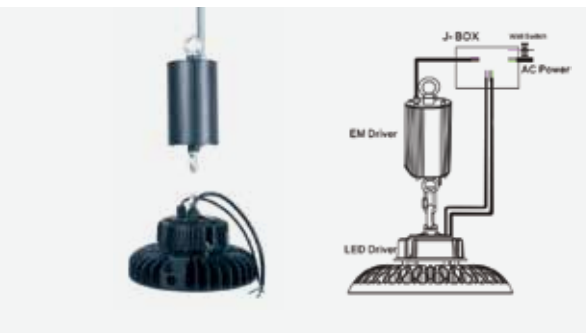
### Envio de Relatório Automático

Automatic Report Submission  
Envío Automático de Informes



## ACESSÓRIOS RECOMENDADOS

RECOMMENDED ACCESSORIES | ACCESORIOS RECOMENDADOS



### KIT DE EMERGÊNCIA PARA CÂMPANULAS

#### EMERGENCY KIT

Input Voltage:	100-277Vac 347Vac, 50/60Hz
Input Current:	200mA max.
Input Power Rating:	10W max.
Output Voltage:	170Vdc
Emergency Power:	25W
Surge Protection:	Line-Neutral 3KV

Recharge Time:	24Hrs
Discharge Time:	>1.5H
Warranty:	5 Years
Ambient Temp:	32-122°F (0-50°C)
Weight:	1.207kg

SKU: ILEM-00032

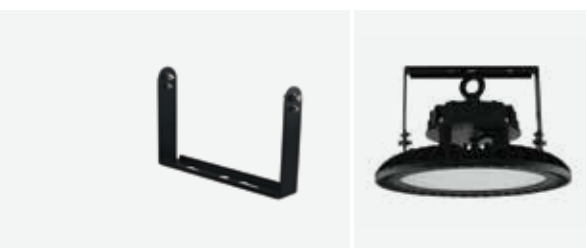


### REFLECTOR PARA CÂMPANULAS

#### REFLECTOR

Model - 100W / 150W / 90°  
ILAR-00544

Model - 200W / 240W / 90°  
ILAR-00607



### SUPORE DE PAREDE

#### WALL FIXTURE | SOPORTE DE PARED

ILAR-01030



### CONTROLADOR ZIGBEE 2.4G 1-10V DIMMING LED

ILAR-01039



### GATEWAY ZIGBEE 2.4G 1-10V DIMMING LED

ILAR-01040

Size: Ø105x25mm



### SENSOR ST759C 1-10V

ILAR-00522



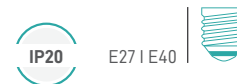
# INTERIOR

LÂMPADAS INDUSTRIAIS | INDUSTRIAL LAMPS | LÁMPARAS INDUSTRIALES



## SUPER ARON

### SUPER LED BULB ARON



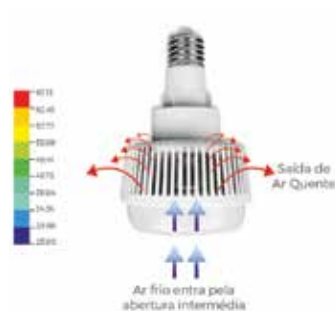
A solução ideal para a substituição Retrofit de lâmpadas de descarga ou para novas instalações com o uso do difusor de plástico.

Ideal solution for Retrofit replacement of discharge lamps or for new installations using the plastic diffuser.

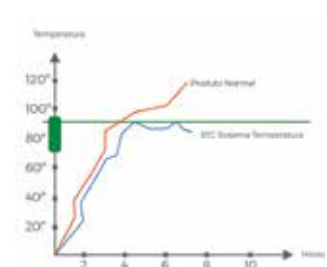
Solución ideal para la sustitución de las lámparas de descarga y para nuevas instalaciones con el uso del difusor de plástico.

WATTS	40W	80W	120W
CCT	6500K	6500K	6500K
TOTAL LUMINOUS FLUX	3800lm	7600lm	11000lm
LUMINOUS EFFICACY	95lm/w	95lm/w	95lm/w
BEAM ANGLE	120°	120°	120°
CRI	≥80	≥80	≥80
IP	IP20	IP20	IP20
VOLTAGE	220-240V	220-240V	220-240V
LAMP HOLDER	E27	E40	E40
SIZE	Ø145x221mm	Ø190x275mm	Ø230x306mm
CUT-OUT	-	-	-
PROTECTION CLASS	Class II	Class II	Class II
PROTECTION CLASS IK	-	-	-
POWER FACTOR	>0.9	>0.9	>0.9
NOMINAL LIFETIME	30000H	30000H	30000H
STARTING TIME 100% ON	0.0005s	0.0005s	0.0005s
SWITCHING CYCLE	25000X	25000X	25000X
ENERGY LABEL	A+	A+	A+
LED BRAND	-	-	-
DRIVER BRAND	-	-	-
MOUNTING TYPE	-	-	-
BODY MATERIAL	Aluminium/PVC	Aluminium/PVC	Aluminium/PVC
COLOR	White	White	White
BODY SHAPE	Round	Round	Round
BOX QUANTITY	10 pcs/carton	10 pcs/carton	10 pcs/carton
GROSS WEIGHT	-	-	-
SKU	ILAR-00200	ILAR-00201	ILAR-00400

#### TECNOLOGY



#### SYSTEM TEMPERATURE CONTROL (STC)



#### RECOMMENDED ACCESSORIES



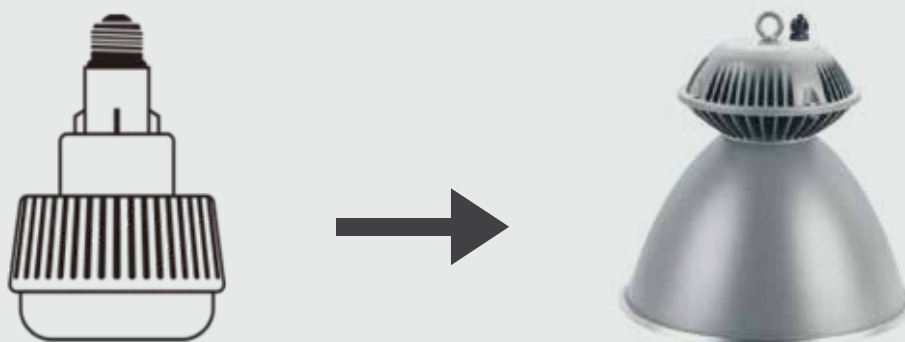
### ACESSÓRIO

ACCESSORY | ACCESORIO

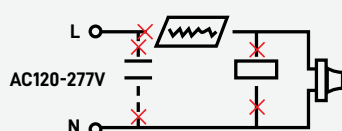
40W E27	ILAR-00202
80W E40	ILAR-00203
120W E40	ILAR-00473



# SIMPLE RETROFIT



## STEP 1

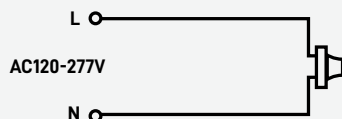


**Corte todos os componentes eletrônicos.**

*Cut off all the electronics components.*

*Corta todos los componentes electrónicos.*

## STEP 2

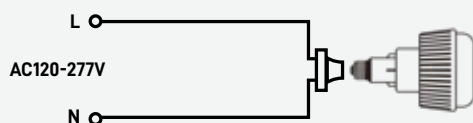


**Reconecte o circuito conforme indicado na imagem**

*Reconnect the circuit as indicated in the picture.*

*Vuelva a conectar el circuito como se indica en la imagen.*

## STEP 3



**Conecte a lâmpada Super Aron**

*Screw in the Super Aron Lamp.*

*Conecta la Lámpara Super Aron.*



# OUTDOOR

PROJETORES

FLOODLIGHT

PROYECTORES



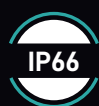
**O VIDRO TEMPERADO  
MANTÉM A COR DA LENTE  
AO LONGO DO TEMPO**

*Tempered Glass maintain the  
lens color overtime  
El vidrio templado mantiene el  
color de la lente con el tiempo*

# THE POWER

**DESIGN ANTI VANDALISMO**

*Anti Vandalism design  
Diseño anti-vandalismo*





**UMA PLACA DE LENTE  
ÚNICA, MAIS ELEGANTE  
E EFICAZ**

*A single lens plate, more elegant  
and effective*

*Un tablero de lentes único, más  
elegante y efectivo*

**Proteção contra sobretensão de 10kV**

**10kV overvoltage protection**

**Protección contra sobretensión de 10 kV**



# OUTDOOR

PROJETORES | FLOODLIGHT | PROYECTORES



## MASTER PRO

DIE CAST ALUMINIUM 10kV PROTECTION PHILIPS LED 5 YEARS IP66

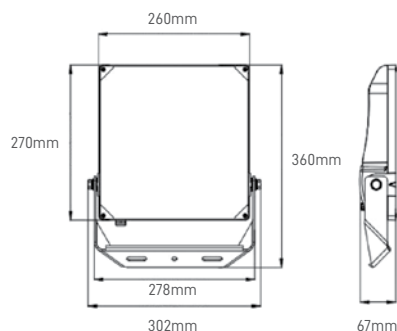
Projektor elaborado em alumínio de fundição injetado e tratamento anti-corrosão testado para ambientes altamente corrosivos (Salt Spray Test 500h). A elevada Proteção IP66, proteção contra sobretensão de 10KV e ângulo assimétrico fazem dele a escolha perfeita para uso profissional.

Floodlight made of die-cast aluminum and anti-corrosion treatment tested for highly corrosive environments (Salt Spray Test 500h). The high IP66 protection, 10KV surge protection and asymmetrical angle make the Master Pro the perfect choice for professional use.

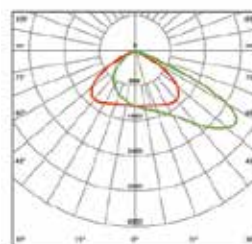
Proyector fabricado en aluminio inyectado y tratamiento anticorrosión testado para ambientes altamente corrosivos (Prueba salina de 500h). La alta protección IP66, la protección contra sobretensiones de 10KV y el ángulo asimétrico hacen del Master Pro la elección perfecta para uso profesional.

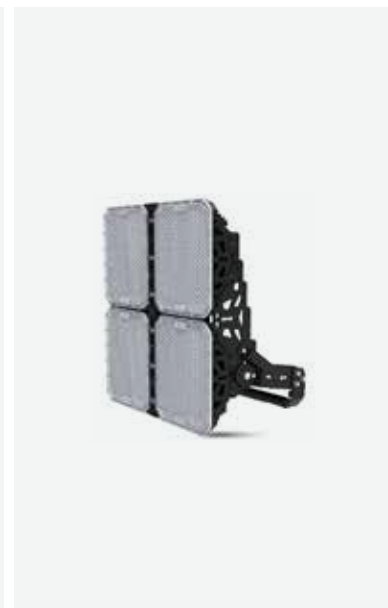
WATTS	150W	200W	300W
CCT	5000K	5000K	5000K
TOTAL LUMINOUS FLUX	19500lm	26000lm	39000lm
LUMINOUS EFFICACY	130lm/W	130lm/W	130lm/W
BEAM ANGLE	Assymetrical	Assymetrical	Assymetrical
CRI	≥80	≥80	≥80
IP	IP66	IP66	IP66
VOLTAGE	220-240V	220-240V	220-240V
SURGE PROTECTION	10Kv	10Kv	10Kv
SIZE	360x302x67mm	398x343x70mm	470x406x80mm
CUT-OUT	-	-	-
PROTECTION CLASS	Class II	Class II	Class II
PROTECTION CLASS IK	IK08	IK08	IK08
POWER FACTOR	>0.95	>0.95	>0.95
NOMINAL LIFETIME	63000H	63000H	63000H
STARTING TIME 100% ON	0.0005s	0.0005s	0.0005s
SWITCHING CYCLE	-	-	-
ENERGY LABEL	A+	A+	A+
LED BRAND	PHILIPS LED	PHILIPS LED	PHILIPS LED
DRIVER BRAND	Sosen Driver	Sosen Driver	Sosen Driver
MOUNTING TYPE	Bracket Mounting	Bracket Mounting	Bracket Mounting
BODY MATERIAL	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium
COLOR	Black	Black	Black
BODY SHAPE	-	-	-
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton
GROSS WEIGHT	-	-	-
SKU	ILAR-00983	ILAR-00984	ILAR-00985

TECHNICAL DRAWING 150W



BEAM ANGLE





# PROJETOR ESTÁDIO




## STADIUM LED FLOODLIGHT

**DIE CAST ALUMINIUM**  **IP66**

Projetores de elevada performance para todo o tipo de estádio, incluindo estádios para competições europeias e gravação de TV em alta qualidade.

High performance FloodLights for installation in any type of stadium, including stadiums receiving European competitions and HD TV Recording.

Proyetores de alto rendimiento para instalación en cualquier tipo de estadio, incluidos estadios que reciben competiciones europeas y grabación de TV HD.

WATTS	 CCT	DRIVER	LUMINOUS EFFICACY	BEAM ANGLE	CRI	IP	IK	PF	EOL - END OF LIFE	VOLTAGE	 SIZE	MATERIAL	MOUNTING TYPE	COLOR	BOX QTY	 SKU
400W	3000K	Mean Well	140lm/W	30° / 50°	≥80	IP66	IK10	>0.92	100000H	100-277V	-	Die Cast Aluminium	Surface	Black	-	On request
400W	4000K	Mean Well	140lm/W	30° / 50°	≥80	IP66	IK10	>0.92	100000H	100-277V	-	Die Cast Aluminium	Surface	Black	-	On request
400W	6000K	Mean Well	140lm/W	30° / 50°	≥80	IP66	IK10	>0.92	100000H	100-277V	-	Die Cast Aluminium	Surface	Black	-	On request
500W	3000K	Mean Well	140lm/W	30° / 50°	≥80	IP66	IK10	>0.92	100000H	100-277V	-	Die Cast Aluminium	Surface	Black	-	On request
500W	4000K	Mean Well	140lm/W	30° / 50°	≥80	IP66	IK10	>0.92	100000H	100-277V	-	Die Cast Aluminium	Surface	Black	-	On request
500W	6000K	Mean Well	140lm/W	30° / 50°	≥80	IP66	IK10	>0.92	100000H	100-277V	-	Die Cast Aluminium	Surface	Black	-	On request
800W	3000K	Mean Well	140lm/W	30° / 50°	≥80	IP66	IK10	>0.92	100000H	100-277V	-	Die Cast Aluminium	Surface	Black	-	On request
800W	4000K	Mean Well	140lm/W	30° / 50°	≥80	IP66	IK10	>0.92	100000H	100-277V	-	Die Cast Aluminium	Surface	Black	-	On request
800W	6000K	Mean Well	140lm/W	30° / 50°	≥80	IP66	IK10	>0.92	100000H	100-277V	-	Die Cast Aluminium	Surface	Black	-	On request
1000W	3000K	Mean Well	140lm/W	30° / 50°	≥80	IP66	IK10	>0.92	100000H	100-277V	-	Die Cast Aluminium	Surface	Black	-	On request
1000W	4000K	Mean Well	140lm/W	30° / 50°	≥80	IP66	IK10	>0.92	100000H	100-277V	-	Die Cast Aluminium	Surface	Black	-	On request
1000W	6000K	Mean Well	140lm/W	30° / 50°	≥80	IP66	IK10	>0.92	100000H	100-277V	-	Die Cast Aluminium	Surface	Black	-	On request

# THE HIGH TECH

A iluminação ambiente de alta qualidade do projetor TECH contribui para um ambiente seguro em qualquer zona exterior. O seu design exclusivo cria uma aparência visual perfeitamente uniforme. Com um bom desempenho de durabilidade e versatilidade, o TECH pode ser utilizado em aplicações onde são exigidos materiais de alta eficácia.

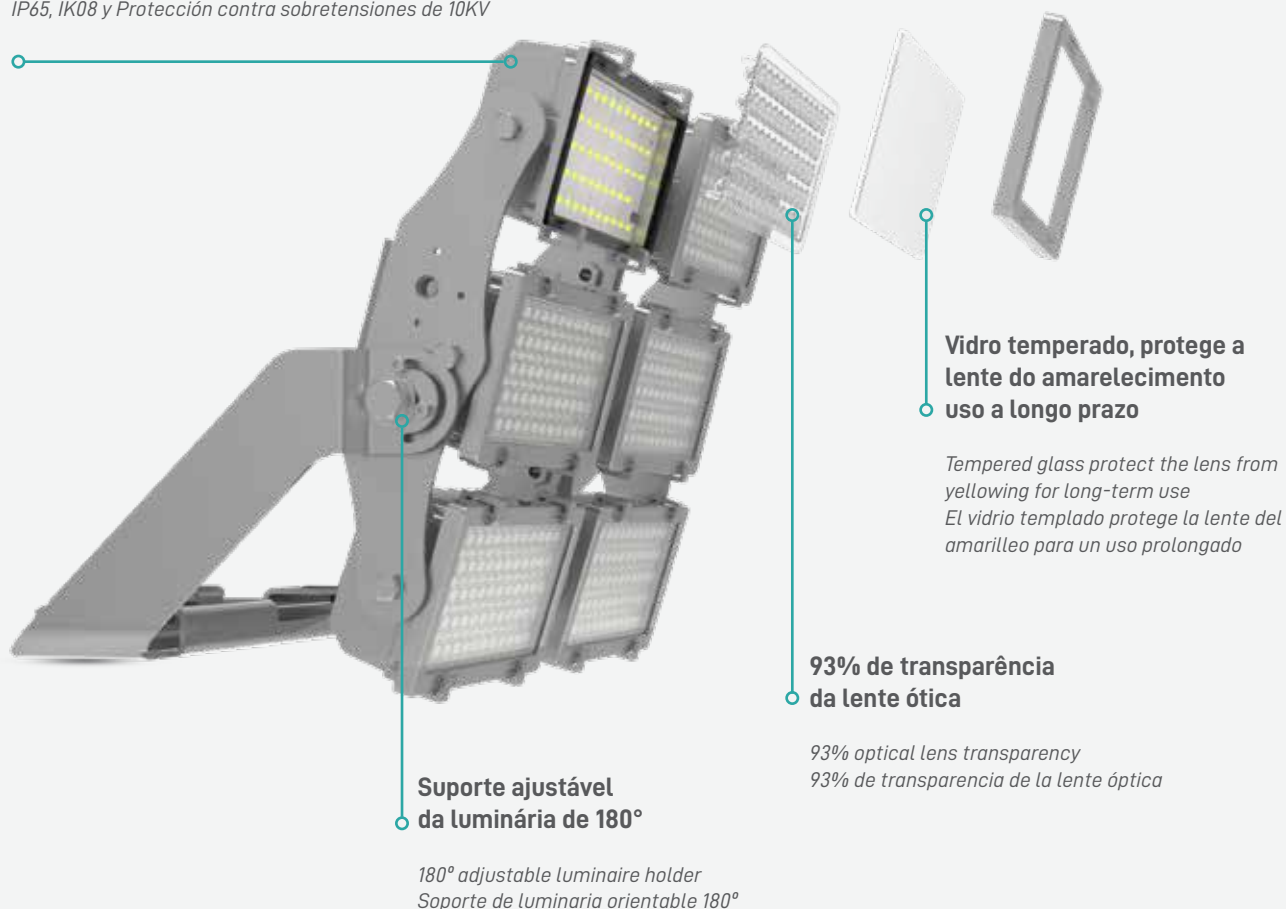
*The high-quality ambient lighting of the tech flood light contributes to a safe environment for any outdoor areas. Its unique design creates a perfectly uniform visual appearance. With good performance of durability and versatility, the TECH can be used in applications where lightweight and high efficacy fixtures are demanded.*

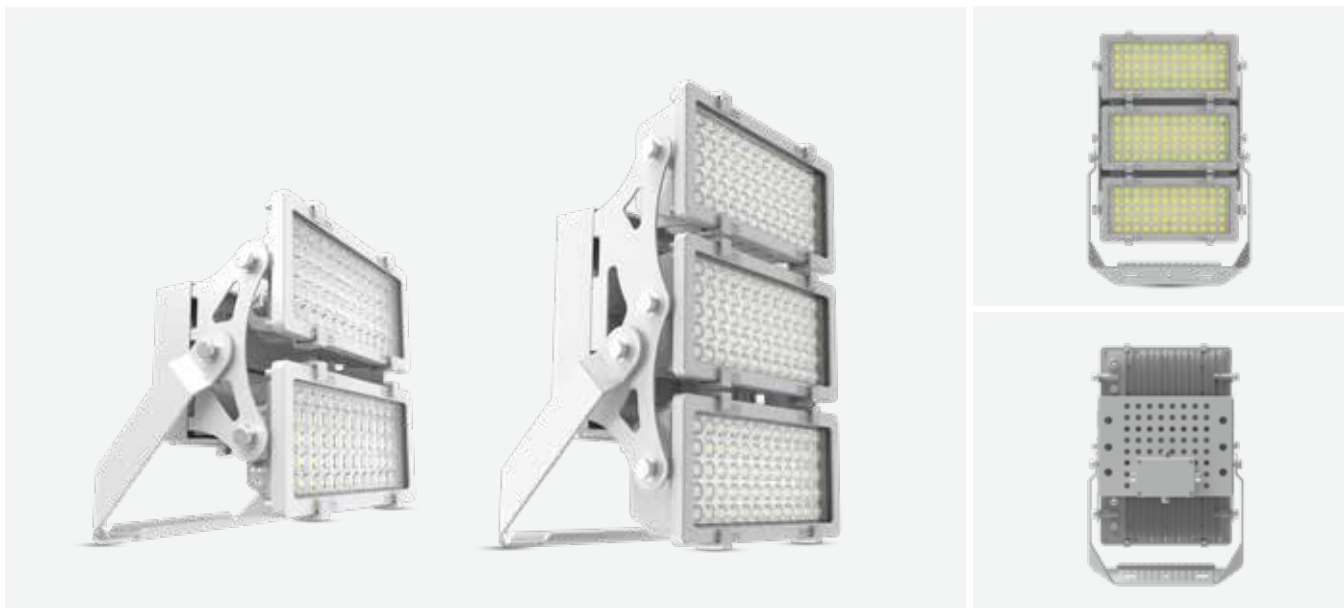
*La iluminación de alta calidad del proyector tech contribuye a crear un entorno seguro para cualquier área exterior. Su diseño único crea una apariencia visual perfectamente uniforme. Con un buen rendimiento de durabilidad y versatilidad, el Tech se puede utilizar en aplicaciones donde se exigen accesorios livianos y de alta eficacia.*

## IP65, IK08, Proteção contra sobretensão de 10KV

*IP65, IK08 and 10kV Surge Protection*

*IP65, IK08 y Protección contra sobretensiones de 10KV*





## TECH 400W / 600W

DIE CAST ALUMINIUM

78000 LUMENS

SEOUL LED

IP66

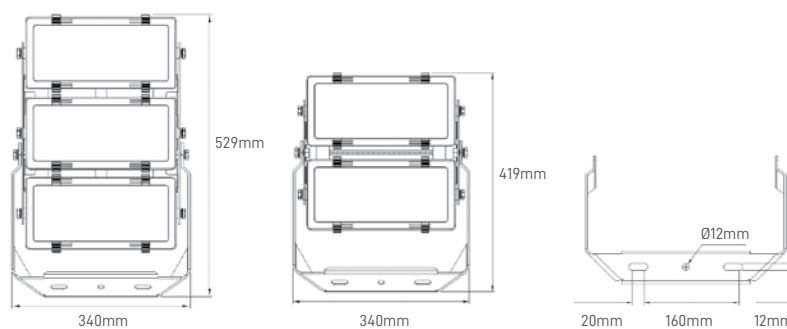
Projetor de alta potência elaborado em alumínio injetado, proteção IP65, proteção contra sobretensão de 10KV e ângulo assimétrico. A transparência óptica de 93% e o vidro temperado garantem uma longa durabilidade e protegem do amarelecimento da sua ótica.

High Power Floodlight made of die-cast aluminum, IP65 protection, 10KV surge protection and asymmetrical angle. The optic transparency of 93% and tempered glass guarantees a long term use and protects from yellowing.

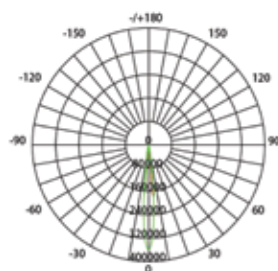
Proyector de alta potencia fabricado en aluminio inyectado, protección IP65, protección contra sobretensión 10KV y ángulo asimétrico. La transparencia óptica del 93% y el vidrio templado garantizan una larga durabilidad y protegen del amarilleo de sus ópticas.

WATTS	400W	600W
CCT	5000K	5000K
TOTAL LUMINOUS FLUX	52000lm	78000lm
LUMINOUS EFFICACY	130lm/W	130lm/W
BEAM ANGLE	Assymetrical	Assymetrical
CRI	≥80	≥80
IP	IP66	IP66
VOLTAGE	100-240V	100-240V
SURGE PROTECTION	10Kv	10Kv
SIZE	419x340x222mm	529x340x226mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK10	IK10
POWER FACTOR	>0.95	>0.95
NOMINAL LIFETIME	100000H	100000H
STARTING TIME 100% ON	0.0005s	0.0005s
SWITCHING CYCLE	-	-
ENERGY LABEL	A+	A+
LED BRAND	Seoul LED	Seoul LED
DRIVER BRAND	Sosen Driver	Sosen Driver
MOUNTING TYPE	Bracket Mounting	Bracket Mounting
BODY MATERIAL	Die Cast Aluminium	Die Cast Aluminium
COLOR	Grey	Grey
BODY SHAPE	-	-
BOX QUANTITY	1 pc/carton	1 pc/carton
GROSS WEIGHT	-	-
SKU	ILAR-00986	ILAR-00987

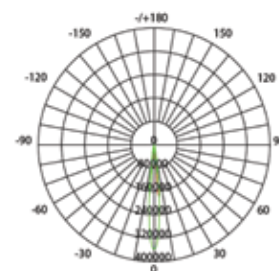
### TECHNICAL DRAWING



### BEAM ANGLE



### BEAM ANGLE



# OUTDOOR

PROJETORES | FLOODLIGHT | PROYECTORES



# THE SLIM WHITE

## PROJETOR SLIM BRANCO 10W-50W

WHITE SLIM FLOODLIGHT | PROYECTOR SLIM BLANCO

DIE CAST ALUMINIUM   EPISTAR LED   PF >0.9   IP65   50CM CABLE

WATTS	10W	10W	20W	20W	30W	30W	50W	50W
CCT	4500K	6000K	4500K	6000K	4500K	6000K	4500K	6000K
TOTAL LUMINOUS FLUX	900lm	900lm	1700lm	1700lm	2500lm	2500lm	4000lm	4000lm
LUMINOUS EFFICACY	90lm/W	90lm/W	90lm/W	90lm/W	90lm/W	90lm/W	90lm/W	90lm/W
BEAM ANGLE	120°	120°	120°	120°	120°	120°	120°	120°
CRI	≥80	≥80	≥80	≥80	≥80	≥80	≥80	≥80
IP	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65
VOLTAGE	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V
SURGE PROTECTION	-	-	-	-	-	-	-	-
SIZE	131x122x31mm	131x122x31mm	150x145x27mm	150x145x27mm	180x172x32mm	180x172x32mm	215x206x35mm	215x206x35mm
CUT-OUT	-	-	-	-	-	-	-	-
PROTECTION CLASS	Class I	Class I	Class I	Class I	Class I	Class I	Class I	Class I
PROTECTION CLASS IK	IK6	IK6	IK6	IK6	IK6	IK6	IK6	IK6
POWER FACTOR	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
NOMINAL LIFETIME	30000H	30000H	30000H	30000H	30000H	30000H	30000H	30000H
STARTING TIME 100% ON	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s
SWITCHING CYCLE	-	-	-	-	-	-	-	-
ENERGY LABEL	A+	A+	A+	A+	A+	A+	A+	A+
LED BRAND	Epistar LED	Epistar LED	Epistar LED	Epistar LED	Epistar LED	Epistar LED	Epistar LED	Epistar LED
DRIVER BRAND	DOB Driver	DOB Driver	DOB Driver	DOB Driver	DOB Driver	DOB Driver	DOB Driver	DOB Driver
MOUNTING TYPE	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
BODY MATERIAL	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium
COLOR	White	White	White	White	White	White	White	White
BODY SHAPE	-	-	-	-	-	-	-	-
BOX QUANTITY	20 pcs/carton	20 pcs/carton	20 pcs/carton	20 pcs/carton	20 pcs/carton	20 pcs/carton	10 pcs/carton	10 pcs/carton
GROSS WEIGHT	-	-	-	-	-	-	-	-
SKU	ILAR-00175	ILAR-00174	ILAR-00532	ILAR-00176	ILAR-00535	ILAR-00177	ILAR-00538	ILAR-00178



# THE SLIM BLACK

## PROJETOR SLIM PRETO 10W-100W

BLACK SLIM FLOODLIGHT | PROYECTOR SLIM NEGRO

DIE CAST ALUMINIUM
EPISTAR LED
PF >0.9
IP65
50CM CABLE

WATTS	10W	20W	20W	30W	30W	50W	50W	100W	100W
CCT	6000K	3000K	6000K	3000K	6000K	3000K	6000K	3000K	6000K
TOTAL LUMINOUS FLUX	900lm	1700lm	1800lm	2600lm	2700lm	4000lm	4500lm	9000lm	9000lm
LUMINOUS EFFICACY	90lm/W	90lm/W	90lm/W	90lm/W	90lm/W	90lm/W	90lm/W	90lm/W	90lm/W
BEAM ANGLE	120°	120°	120°	120°	120°	120°	120°	120°	120°
CRI	≥80	≥80	≥80	≥80	≥80	≥80	≥80	≥80	≥80
IP	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65
VOLTAGE	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V
SURGE PROTECTION	-	-	-	-	-	-	-	-	-
SIZE	115x112x27mm	150x145x27mm	150x145x27mm	180x172x32mm	180x172x32mm	215x206x35mm	215x206x35mm	310x279x40mm	310x279x40mm
CUT-OUT	-	-	-	-	-	-	-	-	-
PROTECTION CLASS	Class I	Class I	Class I	Class I	Class I	Class I	Class I	Class I	Class I
PROTECTION CLASS IK	IK6	IK6	IK6	IK6	IK6	IK6	IK6	IK6	IK6
POWER FACTOR	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
NOMINAL LIFETIME	30000H	30000H	30000H	30000H	30000H	30000H	30000H	30000H	30000H
STARTING TIME 100% ON	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s
SWITCHING CYCLE	-	-	-	-	-	-	-	-	-
ENERGY LABEL	A+	A+	A+	A+	A+	A+	A+	A+	A+
LED BRAND	Epistar LED	Epistar LED	Epistar LED	Epistar LED	Epistar LED	Epistar LED	Epistar LED	Epistar LED	Epistar LED
DRIVER BRAND	DOB Driver	DOB Driver	DOB Driver	DOB Driver	DOB Driver	DOB Driver	DOB Driver	DOB Driver	DOB Driver
MOUNTING TYPE	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
BODY MATERIAL	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium
COLOR	Black	Black	Black	Black	Black	Black	Black	Black	Black
BODY SHAPE	-	-	-	-	-	-	-	-	-
BOX QUANTITY	40 pcs/carton	20 pcs/carton	20 pcs/carton	20 pcs/carton	20 pcs/carton	10 pcs/carton	10 pcs/carton	5 pcs/carton	5 pcs/carton
GROSS WEIGHT	-	-	-	-	-	-	-	-	-
SKU	ILAR-00126	ILAR-00392	ILAR-00127	ILAR-00393	ILAR-00128	ILAR-00394	ILAR-00129	ILAR-00179	ILAR-00254

# OUTDOOR

PROJETORES | FLOODLIGHT | PROYECTORES



## PROJETOR STANDARD

ALUMÍNIO 150-400W IP65

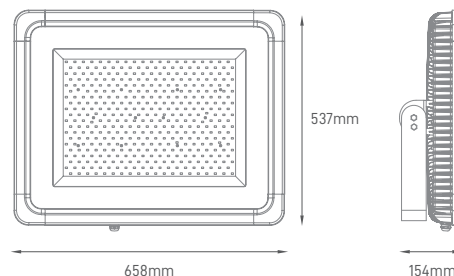
Aluminium LED Floodlight IP65

Proyector LED en Aluminio IP65

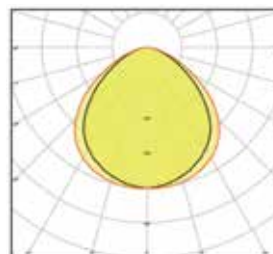
DIE CAST ALUMINIUM EPISTAR LED PF >0.9 IP65 50CM CABLE

WATTS	150W	200W	300W	400W
CCT	6000K	6000K	6000K	6000K
TOTAL LUMINOUS FLUX	14200lm	19000lm	28500lm	38000lm
LUMINOUS EFFICACY	90lm/W	90lm/W	90lm/W	90lm/W
BEAM ANGLE	120°	120°	120°	120°
CRI	≥80	≥80	≥80	≥80
IP	IP65	IP65	IP65	IP65
VOLTAGE	220-240V	220-240V	220-240V	220-240V
SIZE	423x352x60mm	423x352x60mm	532x443x70mm	658x537x154mm
PROTECTION CLASS	Class I	Class I	Class I	Class I
PROTECTION CLASS IK	IK6	IK6	IK6	IK6
POWER FACTOR	>0.9	>0.9	>0.9	>0.9
NOMINAL LIFETIME	30000H	30000H	30000H	30000H
STARTING TIME 100% ON	0.0005s	0.0005s	0.0005s	0.0005s
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	Epistar LED	Epistar LED	Epistar LED	Epistar LED
DRIVER BRAND	DOB Driver	DOB Driver	DOB Driver	DOB Driver
MOUNTING TYPE	Surface	Surface	Surface	Surface
BODY MATERIAL	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium
COLOR	Black	Black	Black	Black
BOX QUANTITY	4 pcs/carton	2 pcs/carton	1 pc/carton	1 pc/carton
SKU	ILAR-00255	ILAR-00256	ILAR-00440	ILAR-00727

TECHNICAL DRAWING 400W



BEAM ANGLE



## PROJETOR SENSOR IP65

LED FLOODLIGHT IP65 MOTION DETECTION

PROYECTOR LED IP65 SENSOR MOVIMIENTO

DIE CAST ALUMINIUM EPISTAR LED PF >0.9 IP65 50CM CABLE

WATTS	CCT	LUMENS	LUMINOUS EFFICACY	BEAM ANGLE	CRI	IP	IK	PF	EOL - END OF LIFE	CLASS	VOLTAGE	SIZE	MATERIAL	MOUNTING TYPE	COLOR	BOX QTY	SKU
20W	6000K	1600lm	90lm/W	120°	≥80	IP65	IK6	>0.9	30000H	Class I	220-240V	120x170x45mm	Die Cast Aluminium	Surface	Black	10	ILAR-00251
30W	6000K	2400lm	90lm/W	120°	≥80	IP65	IK6	>0.9	30000H	Class I	220-240V	180x220x50mm	Die Cast Aluminium	Surface	Black	10	ILAR-00252



# PROJETOR POLICARBONATO

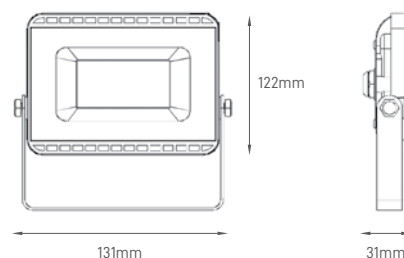
Polycarbonate LED Floodlight IP65

Proyector LED en Policarbonato IP65

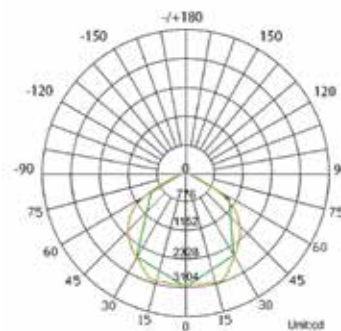
- EPISTAR LED
- PF >0.95
- 50.000H
- ANTI-CORROSION
- PLASTIC
- IP65

WATTS	10W	20W	30W	50W
CCT	6000K	6000K	6000K	6000K
TOTAL LUMINOUS FLUX	900lm	1800lm	1800lm	1800lm
LUMINOUS EFFICACY	90lm/W	90lm/W	90lm/W	90lm/W
BEAM ANGLE	120°	120°	120°	120°
CRI	≥80	≥80	≥80	≥80
IP	IP65	IP65	IP65	IP65
VOLTAGE	220-240V	220-240V	220-240V	220-240V
SURGE PROTECTION	-	-	-	-
SIZE	131x122x31mm	166x158x31mm	211x183x34mm	260x222x34mm
CUT-OUT	-	-	-	-
PROTECTION CLASS	Class I	Class I	Class I	Class I
PROTECTION CLASS IK	IK6	IK6	IK6	IK6
POWER FACTOR	>0.95	>0.95	>0.95	>0.95
NOMINAL LIFETIME	50000H	50000H	50000H	50000H
STARTING TIME 100% ON	0.0005s	0.0005s	0.0005s	0.0005s
SWITCHING CYCLE	-	-	-	-
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	Epistar LED	Epistar LED	Epistar LED	Epistar LED
DRIVER BRAND	DOB Driver	DOB Driver	DOB Driver	DOB Driver
MOUNTING TYPE	Surface	Surface	Surface	Surface
BODY MATERIAL	ABS + PC	ABS + PC	ABS + PC	ABS + PC
COLOR	Black	Black	Black	Black
BODY SHAPE	-	-	-	-
BOX QUANTITY	60 pcs/carton	40 pcs/carton	20 pcs/carton	10 pcs/carton
GROSS WEIGHT	-	-	-	-
SKU	ILAR-00935	ILAR-00936	ILAR-00937	ILAR-00938

## TECHNICAL DRAWING



## BEAM ANGLE



## RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU	DESCRIPTION	SKU
	ESPIGÃO JARDIM GARDEN SPIKE JARDÍN	ILAR-00892	TRIPÉ SIMPLES PARA PROJETORES FLOODLIGHT TRIPOD TRIPODE PARA PROYECTOR	ILAR-01029
	SIZE: Ø40 X 165MM		TRIPÉ DUPLO PARA PROJETORES FLOODLIGHT TRIPOD TRIPODE PARA PROYECTOR	ILAR-01031
	PLASTIC	IP65		





# OUTDOOR

ILUMINAÇÃO

DE RUA

STREET LIGHT

ILUMINACIÓN VIAL





# VERSATILE STREETS

Luminária de alta qualidade com excelente dissipação de calor, design robusto e elevada eficiência luminotécnica.

*High Quality Luminaire with excellent heat dissipation, Robust and durable design and great lighting efficiency.*

*Luminaria de alta calidad con excelente disipación de calor, diseño robusto y duradero y gran eficiencia de iluminación.*





## IP66, IK09 e Proteção contra sobretensão de 10kV

*IP66, IK09 and 10kV Surge Protection*

*IP66, IK09 y Protección contra sobretensiones de 10kV*



## Alto rendimento lumínico de 160lm/W

*High output lumen efficiency of 160lm/W*

*Alto rendimiento lumínico de 160lm/W*



## Placa de engrenagem de metal removível para uma fácil manutenção.

*Removable metal gear plate, easy to maintain*

*Placa de engranajes de metal extraíble para un fácil mantenimiento*



## A luminária está equipada com sistema de proteção e regulação de temperatura.

*The luminaire is equipped with a temperature protection and regulation system*

*La luminaria está equipada con un sistema de regulación y protección de temperatura*

# OUTDOOR

ILUMINAÇÃO DE RUA | STREET LIGHT | ILUMINACIÓN VIAL



## VERSATILE

### STREET LIGHT

Luminária de Rua com design moderno e várias potências. Certificação ENEC disponível para projetos governamentais.

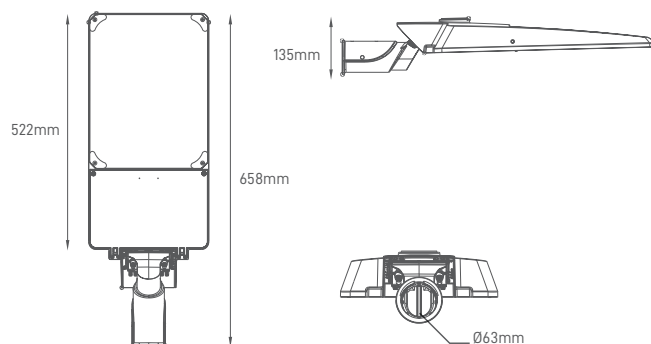
Street Luminaire with modern design and several power choices. ENEC certification available for government projects.

Luminaria Vial con diseño moderno y varias potencias. Certificación ENEC disponible para proyectos gubernamentales.

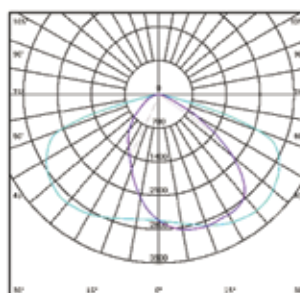


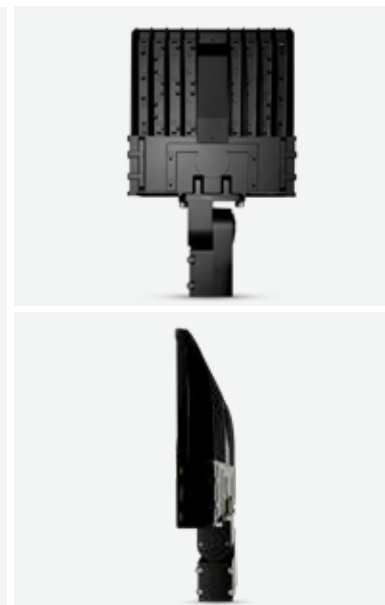
WATTS	60W	100W	120W
CCT	5000K	5000K	5000K
TOTAL LUMINOUS FLUX	9600lm	16000lm	19200lm
LUMINOUS EFFICACY	160lm/W	160lm/W	160lm/W
BEAM ANGLE	120°	120°	120°
CRI	≥80	≥80	≥80
IP	IP66	IP66	IP66
VOLTAGE	100-240V	100-240V	100-240V
SURGE PROTECTION	10kV	10kV	10kV
SIZE	658x522x220mm	658x522x220mm	713x577x270mm
CUT-OUT	Ø63mm	Ø63mm	Ø63mm
PROTECTION CLASS	Class II	Class II	Class II
PROTECTION CLASS IK	IK09	IK09	IK09
POWER FACTOR	>0.9	>0.9	>0.9
NOMINAL LIFETIME	50000H	50000H	50000H
STARTING TIME 100% ON	0.0005s	0.0005s	0.0005s
SWITCHING CYCLE	-	-	-
ENERGY LABEL	A+	A+	A+
LED BRAND	Philips LED	Philips LED	Philips LED
DRIVER BRAND	Moso Driver	Moso Driver	Moso Driver
MOUNTING TYPE	Surface	Surface	Surface
BODY MATERIAL	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium
SENSOR	OPTIONAL	OPTIONAL	OPTIONAL
1-10V DIMMING	OPTIONAL	OPTIONAL	OPTIONAL
DALI DIMMING	OPTIONAL	OPTIONAL	OPTIONAL
COLOR	Grey RAL9006	Grey RAL9006	Grey RAL9006
BODY SHAPE	-	-	-
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton
GROSS WEIGHT	-	-	-
SKU	ILAR-00980	ILAR-00981	ILAR-00982

#### TECHNICAL DRAWING



#### BEAM ANGLE





# POLARIS

## STREET LUMINAIRE



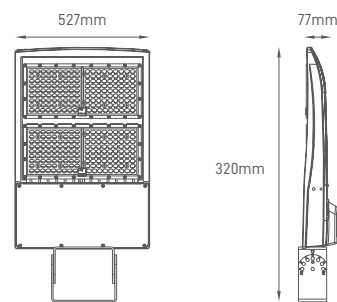
Luminária de rua com elevada durabilidade (5 anos garantia) e performance (130 Lm / W).

Street Luminaire with high durability (5 years warranty) and performance (130 Lm / W).

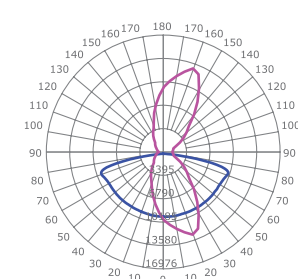
Luminaria varia con elevada durabilidad (5 años de garantia) y rendimiento (130 Lm / W).

WATTS	60W	90W	120W	240W	300W
CCT	5000K	5000K	5000K	5000K	5000K
TOTAL LUMINOUS FLUX	7800lm	11700lm	15600lm	31200lm	39000lm
LUMINOUS EFFICACY	130lm/W	130lm/W	130lm/W	130lm/W	130lm/W
BEAM ANGLE	110°	110°	110°	110°	110°
CRI	≥80	≥80	≥80	≥80	≥80
IP	IP65	IP65	IP65	IP65	IP65
VOLTAGE	100-240V	100-240V	100-240V	100-240V	100-240V
SURGE PROTECTION	-	-	-	-	-
SIZE	527x320x77mm	527x320x77mm	527x320x77mm	527x320x77mm	527x320x77mm
CUT-OUT	-	-	-	-	-
PROTECTION CLASS	Class II	Class II	Class II	Class II	Class II
PROTECTION CLASS IK	IK08	IK08	IK08	IK08	IK08
POWER FACTOR	>0.9	>0.9	>0.9	>0.9	>0.9
NOMINAL LIFETIME	50000H	50000H	50000H	50000H	50000H
STARTING TIME 100% ON	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s
SWITCHING CYCLE	-	-	-	-	-
ENERGY LABEL	A+	A+	A+	A+	A+
LED BRAND	Philips LED	Philips LED	Philips LED	Philips LED	Philips LED
DRIVER BRAND	Sosen Driver	Sosen Driver	Sosen Driver	Sosen Driver	Sosen Driver
MOUNTING TYPE	Surface	Surface	Surface	Surface	Surface
BODY MATERIAL	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium
SENSOR	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
1-10V DIMMING	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
DALI DIMMING	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
COLOR	Black	Black	Black	Black	Black
BODY SHAPE	-	-	-	-	-
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton	1 pc/carton	1 pc/carton
GROSS WEIGHT	-	-	-	-	-
SKU	ILAR-00516	ILAR-00517	ILAR-00518	ILAR-00800	ILAR-00801

### TECHNICAL DRAWING



### BEAM ANGLE



### RECOMMENDED ACCESSORIES

DESCRIPTION	SKU
SUPORTE PAREDE 45° 45° WALL FITTING	ILAR-01032
SOPORTE PARED 45° 250xØ60mm Aluminium	

# OUTDOOR

ILUMINAÇÃO DE RUA | STREET LIGHT | ILUMINACIÓN VIAL



## ARIES

### STREET LUMINAIRE

EPISTAR LED ALUMINIUM IP65

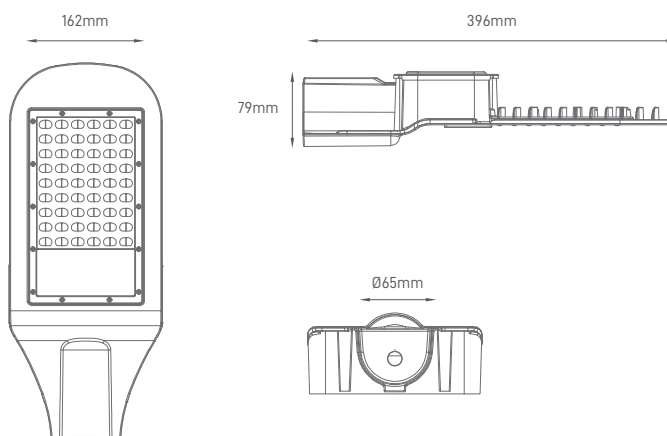
Luminária de rua com elevada durabilidade e performance (120 Lm / W).

Street Luminaire with high durability and performance (120 Lm / W).

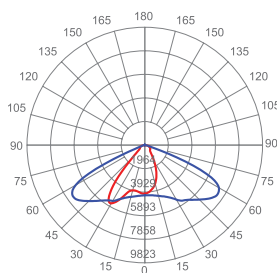
Luminaria viaria con elevada durabilidade y rendimiento (120 Lm / W).

WATTS	60W	100W
CCT	4500K	4500K
TOTAL LUMINOUS FLUX	7200lm	12000lm
LUMINOUS EFFICACY	120lm/W	120lm/W
BEAM ANGLE	120°	120°
CRI	≥80	≥80
IP	IP65	IP65
VOLTAGE	100-240V	100-240V
SURGE PROTECTION	-	-
SIZE	396x162x79mm	490x192x64mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK08	IK08
POWER FACTOR	>0.9	>0.9
NOMINAL LIFETIME	30000H	30000H
STARTING TIME 100% ON	0.0005s	0.0005s
SWITCHING CYCLE	-	-
ENERGY LABEL	A+	A+
LED BRAND	Epistar LED	Epistar LED
DRIVER BRAND	-	-
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	Aluminium	Aluminium
SENSOR	OPTIONAL	OPTIONAL
1-10V DIMMING	OPTIONAL	OPTIONAL
DALI DIMMING	OPTIONAL	OPTIONAL
COLOR	Grey	Grey
BODY SHAPE	-	-
BOX QUANTITY	1 pc/carton	1 pc/carton
GROSS WEIGHT	-	-
SKU	ILAR-00245	ILAR-01009

#### TECHNICAL DRAWING



#### BEAM ANGLE





# ORION

## SOLAR LED



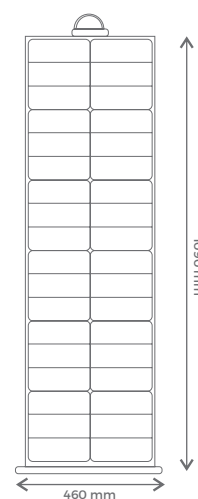
O Orion Solar Led, opera de forma totalmente automática, detectando dia e noite. Em Saving Mode, a luz fica a 50% do seu total. Quando é detectada presença, a luz passa a 100%.

The Orion Solar Led, operates fully automatically, detecting day and night. In Saving Mode, the light is 50% of its total. When presence is detected, the light passes to 100%.

El Orion Solar Led, opera de forma totalmente automática, detectando día y noche. En el modo de ahorro, la luz se queda al 50% de su total. Cuando se detecta presencia, la luz pasa al 100%.

WATTS	30W	40W	50W
CCT	5000K	5000K	5000K
TOTAL LUMINOUS FLUX	-	-	-
LUMINOUS EFFICACY	-	-	-
BEAM ANGLE	130°	130°	130°
CRI	≥80	≥80	≥80
IP	IP65	IP65	IP65
VOLTAGE	-	-	-
CHARGING TIME	8H (AM1.5, 1000W/m², 25°)	8H (AM1.5, 1000W/m², 25°)	8H (AM1.5, 1000W/m², 25°)
DISCHARGING TIME	18h 100% ON / 42h Energy Saving	18h 100% ON / 42h Energy Saving	18h 100% ON / 42h Energy Saving
BATTERY	12V, 45AH Li-ion Lithium Battery or 12.8V 36AH LiFePO4 Lithium Battery	12V, 45AH Li-ion Lithium Battery or 12.8V 36AH LiFePO4 Lithium Battery	12V, 45AH Li-ion Lithium Battery or 12.8V 36AH LiFePO4 Lithium Battery
SOLAR PANEL	0.8W Monocrystal Silicon Solar Panel	0.8W Monocrystal Silicon Solar Panel	0.8W Monocrystal Silicon Solar Panel
SIZE	<input checked="" type="checkbox"/> 1090x460x200mm	1090x460x200mm	1090x460x200mm
PROTECTION CLASS IK	IK06	IK06	IK06
NOMINAL LIFETIME	30000H	30000H	30000H
STARTING TIME 100% ON	0.0005s	0.0005s	0.0005s
ENERGY LABEL	A+	A+	A+
LED BRAND	-	-	-
DRIVER BRAND	-	-	-
MOUNTING TYPE	Surface	Surface	Surface
BODY MATERIAL	Aluminium	Aluminium	Aluminium
SENSOR	YES	YES	YES
COLOR	White	White	White
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton
GROSS WEIGHT	-	-	-
SKU	On request	ILAR-00750	On request

### TECHNICAL DRAWING



**Obs.:**

Modelos disponíveis sob consulta: 50W / 60W / 90W / 120W (CCT 3000K - 7500K)

Available models on request: 50W / 60W / 90W / 120W (CCT 3000K - 7500K)

Modelos disponibles en la consulta: 50W / 60W / 90W / 120W (CCT 3000K - 7500K)





# SOLAR HYBRID TECHNOLOGY



## LITHIUM BATTERY

O sistema de alimentação DC é ativado quando a bateria de lítio fica carregada.

*The DC power system is activated when the lithium battery is charged.*

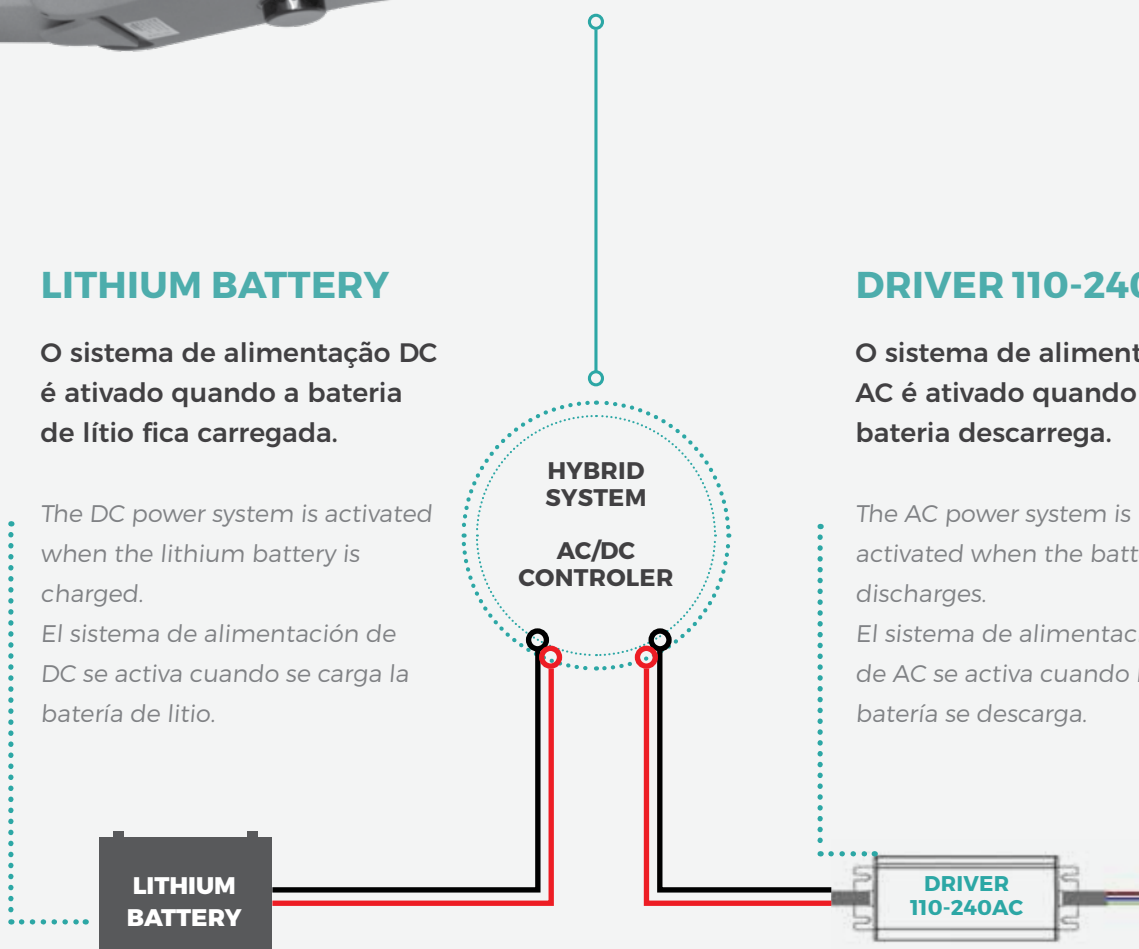
*El sistema de alimentación de DC se activa cuando se carga la batería de litio.*

## DRIVER 110-240AC

O sistema de alimentação AC é ativado quando a bateria descarrega.

*The AC power system is activated when the battery discharges.*

*El sistema de alimentación de AC se activa cuando la batería se descarga.*





# STREET HYBRID

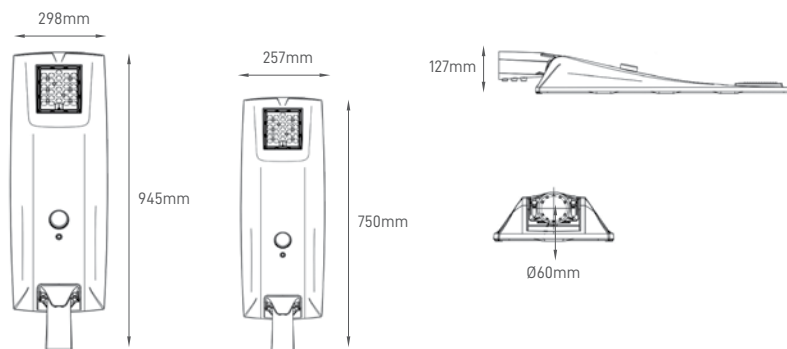
## SOLAR LED

DIE CAST ALUMINIUM    MEAN WELL DRIVER    IP65

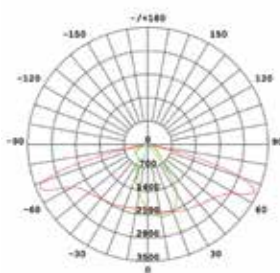
NA FALTA DE BATERIA FAZ COMUTAÇÃO PARA 220V

WATTS	30W	50W
CCT	2700-6500K	2700-6500K
TOTAL LUMINOUS FLUX	8000lm	8000lm
LUMINOUS EFFICACY	160lm	160lm
BEAM ANGLE	130°	130°
CRI	≥80	≥80
IP	IP65	IP65
VOLTAGE	Driver 110-240AC	Driver 110-240AC
CHARGING TIME	8H (AM1.5, 1000W/m <sup>2</sup> , 25°)	8H (AM1.5, 1000W/m <sup>2</sup> , 25°)
DISCHARGING TIME	16H	16H
BATTERY	12V 50AH Intelligent mode 4-5 days	12V 50AH Intelligent mode 4-5 days
SOLAR PANEL	50W / 18V mono crystalline silicon	50W / 18V mono crystalline silicon
SIZE	945x298x127mm	945x298x127mm
PROTECTION CLASS IK	IK06	IK06
NOMINAL LIFETIME	50000H	50000H
STARTING TIME 100% ON	0.0005s	0.0005s
ENERGY LABEL	A+	A+
LED BRAND	Philips LED	Philips LED
DRIVER BRAND	Mean Well Driver	Mean Well Driver
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	Die Cast Aluminium	Die Cast Aluminium
SENSOR	YES	YES
COLOR	Grey or Black	Grey or Black
BOX QUANTITY	1 pc/carton	1 pc/carton
GROSS WEIGHT	-	-
SKU	ILAR-01081	ILAR-01082

### TECHNICAL DRAWING



### BEAM ANGLE



### RECOMMENDED ACCESSORIES

DESCRIPTION	SKU
SUPORTE PAREDE 45° 45° WALL FITTING SOPORTE PARED 45° 250xØ60mm Aluminium	ILAR-01032

# OUTDOOR

ILUMINAÇÃO DE RUA | STREET LIGHT | ILUMINACIÓN VIAL



## URBAN DESIGN ECO

### STREET LIGHT

Luminária de jardim com design minimalista e produzido com materiais de grande longevidade. Disponível em várias potências. Ideal para jardins, parques ou passeios de rua.

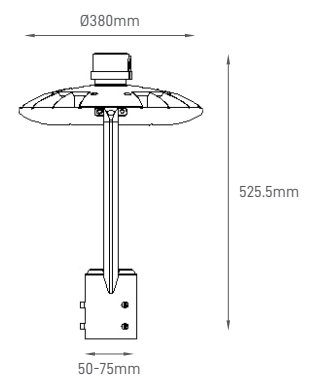
Garden lamp with minimalist design and produced with materials of great longevity. Available in several powers. Ideal for gardens, parks or street walks.

Lámpara de jardín de diseño minimalista y producida con materiales de gran longevidad. Disponible en varias potencias. Ideal para jardines, parques o paseos por la calle.

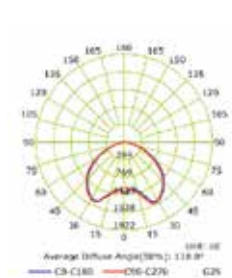


WATTS	35W	55W	75W	100W	150W
CCT	5000K	5000K	5000K	5000K	5000K
TOTAL LUMINOUS FLUX	3955-4830lm	4830-7590lm	9750-10500lm	13000-14000lm	19500-21000lm
LUMINOUS EFFICACY	113-138lm/W	113-138lm/W	113-138lm/W	113-138lm/W	113-138lm/W
BEAM ANGLE	120°	120°	120°	120°	120°
CRI	>80	>80	>80	>80	>80
IP	IP65	IP65	IP65	IP65	IP65
VOLTAGE	100-277VAC 50/60Hz	100-277VAC 50/60Hz	100-277VAC 50/60Hz	100-277VAC 50/60Hz	100-277VAC 50/60Hz
SIZE	Ø380x525.5mm	Ø380x525.5mm	Ø380x525.5mm	Ø450x600mm	Ø450x600mm
PROTECTION CLASS	Class II	Class II	Class II	Class II	Class II
PROTECTION CLASS IK	IK09	IK09	IK09	IK09	IK09
POWER FACTOR	≥0.9	≥0.9	≥0.9	≥0.9	≥0.9
NOMINAL LIFETIME	100.000H	100.000H	100.000H	100.000H	100.000H
STARTING TIME 100% ON	-	-	-	-	-
SWITCHING CYCLE	-	-	-	-	-
ENERGY LABEL	A+	A+	A+	A+	A+
LED BRAND	Lumileds	Lumileds	Lumileds	Lumileds	Lumileds
DRIVER BRAND	China Brand Driver	China Brand Driver	China Brand Driver	China Brand Driver	China Brand Driver
MOUNTING TYPE	-	-	-	-	-
BODY MATERIAL	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
SENSOR	Optional	Optional	Optional	Optional	Optional
1-10V DIMMING	YES	YES	YES	YES	YES
DALI DIMMING	-	-	-	-	-
COLOR	Black	Black	Black	Black	Black
BODY SHAPE	-	-	-	-	-
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton	1 pc/carton	1 pc/carton
GROSS WEIGHT	5.4kg	5.4kg	5.4kg	5.4kg	5.4kg
SKU	ILAR-01074	ILAR-01075	ILAR-01076	ILAR-01077	ILAR-01078

#### TECHNICAL DRAWING



#### BEAM ANGLE





## SIRIUS 40W | 80W

### SLIM WALL PACK LIGHT



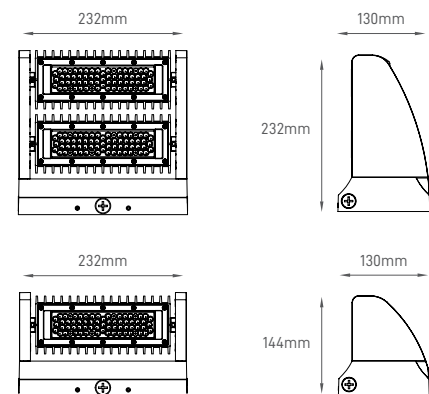
Luminária de Parede Orientável, com opção de ajuste de 270° e alta eficiência de iluminação de 135LM / W, ideal para Fachadas de Indústrias, Comércio e Residências.

Orientable Wall Lamp, with 270° adjustment choice and high lighting efficiency of 135LM / W, ideal for Facades of Industries, Shops and Residences.

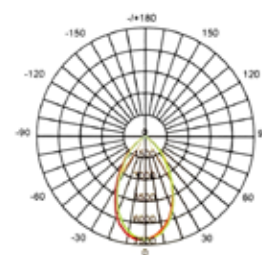
Luminaria de Pared Orientable con una opción de ajuste de 270° y alta eficiencia de 135LM / W. Ideal para fachadas industriales, comerciales y residenciales.

WATTS	40W	40W	40W	40W
CCT	4000K	5000K	4000K	5000K
TOTAL LUMINOUS FLUX	5400lm	5400lm	10800lm	10800lm
LUMINOUS EFFICACY	135lm/W	135lm/W	135lm/W	135lm/W
BEAM ANGLE	110°	110°	110°	110°
ROTATION	270°	270°	270°	270°
CRI	≥80	≥80	≥80	≥80
IP	IP65	IP65	IP65	IP65
VOLTAGE	100-240V	100-240V	100-240V	100-240V
SIZE	<input checked="" type="checkbox"/> 232x144x130mm	232x144x130mm	232x232x130mm	232x232x130mm
MODEL	Single	Single	Double	Double
PROTECTION CLASS	Class II	Class II	Class II	Class II
PROTECTION CLASS IK	IK08	IK08	IK08	IK08
POWER FACTOR	>0.9	>0.9	>0.9	>0.9
NOMINAL LIFETIME	50000H	50000H	50000H	50000H
STARTING TIME 100% ON	0.0005s	0.0005s	0.0005s	0.0005s
SWITCHING CYCLE	-	-	-	-
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	Philips LED	Philips LED	Philips LED	Philips LED
DRIVER BRAND	-	-	-	-
MOUNTING TYPE	Surface	Surface	Surface	Surface
BODY MATERIAL	Aluminium	Aluminium	Aluminium	Aluminium
COLOR	Black	Black	Black	Black
BODY SHAPE	-	-	-	-
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton	1 pc/carton
GROSS WEIGHT	-	-	-	-
SKU	ILAR-00709	ILAR-00514	ILAR-00851	ILAR-00515

#### TECHNICAL DRAWING



#### BEAM ANGLE



# OUTDOOR

ILUMINAÇÃO DE RUA | STREET LIGHT | ILUMINACIÓN VIAL



## VERSUS RETROFIT

### LAMP

Lâmpada de fácil substituição Retrofit e dissipador de calor em Liga de Magnésio. Ideal para luminárias de rua. Projeção de luz só para baixo.

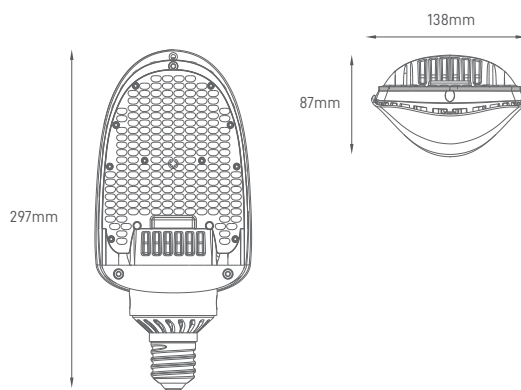
Easy replacement Retrofit Lamp and Magnesium Alloy heat sink. Ideal for street lamps. Projection of light only down.



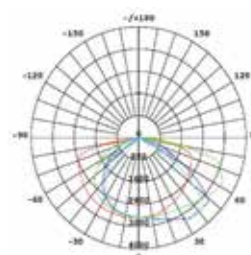
Bombilla de fácil substitución Retrofit y dissipador de calor en Aleación de Magnésio. Ideal luz viaria. Proyección de luz solo hacia abajo.

WATTS	54W	54W	75W	95W
CCT	5000K	5000K	4000K	4000K
TOTAL LUMINOUS FLUX	7000lm	7000lm	9800lm	12400lm
LUMINOUS EFFICACY	130lm/W	130lm/W	130lm/W	130lm/W
BEAM ANGLE	90° - 150°	90° - 150°	90° - 150°	90° - 150°
CRI	≥80	≥80	≥80	≥80
IP	IP65	IP65	IP65	IP65
VOLTAGE	100-240V	100-240V	100-240V	100-240V
BASE	E27	E40	E40	E40
SIZE	231x113x80mm	231x113x80mm	297x138x87mm	297x138x87mm
CUT-OUT	-	-	-	-
PROTECTION CLASS	Class II	Class II	Class II	Class II
PROTECTION CLASS IK	IK08	IK08	IK08	IK08
POWER FACTOR	>0.9	>0.9	>0.9	>0.9
NOMINAL LIFETIME	50000H	50000H	50000H	50000H
STARTING TIME 100% ON	0.0005s	0.0005s	0.0005s	0.0005s
SWITCHING CYCLE	-	-	-	-
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	Philips LED	Philips LED	Philips LED	Philips LED
DRIVER BRAND	-	-	-	-
MOUNTING TYPE	Screw	Screw	Screw	Screw
BODY MATERIAL	Magnesium Alloy AL+PC	Magnesium Alloy AL+PC	Magnesium Alloy AL+PC	Magnesium Alloy AL+PC
COLOR	Black	Black	Black	Black
BODY SHAPE	-	-	-	-
BOX QUANTITY	10 pcs/carton	10 pcs/carton	10 pcs/carton	10 pcs/carton
GROSS WEIGHT	-	-	-	-
SKU	ILAR-00749	ILAR-00549	ILAR-00547	ILAR-00548

### TECHNICAL DRAWING



### BEAM ANGLE





## KORN RETROFIT LAMP



Projetadas para substituir as lâmpadas de iodetos metálicos e de sódio de alta pressão, possuem proteção IP64 e eficiência de 130 Lumen / W com três dispositivos de dissipação de calor.

Designed to replace metal halide and high-pressure sodium lamps, it features a IP64 Protection and 130 Lumen / W output with three heat dissipation device.

Diseñadas para reemplazar las lámparas de yoduros metálicos y de sodio de alta presión, cuentan con una protección IP64 y eficiencia de 130 Lm / W y tres dispositivos de disipación de calor.

WATTS	20W	30W	40W	40W	54W	60W	80W	100W
CCT	5000K	5000K	5000K	5000K	5000K	5000K	5000K	5000K
TOTAL LUMINOUS FLUX	2600lm	3900lm	5200lm	5200lm	7020lm	7800lm	10400lm	13000lm
LUMINOUS EFFICACY	130lm/W	130lm/W	130lm/W	130lm/W	130lm/W	130lm/W	130lm/W	130lm/W
BEAM ANGLE	360°	360°	360°	360°	360°	360°	360°	360°
CRI	≥80	≥80	≥80	≥80	≥80	≥80	≥80	≥80
IP	IP64	IP64	IP64	IP64	IP64	IP64	IP64	IP64
VOLTAGE	100-240V	100-240V	100-240V	100-240V	100-240V	100-240V	100-240V	100-240V
BASE	E27	E27	E27	E40	E40	E40	E40	E40
SIZE	Ø55x260mm	Ø95x260mm	Ø95x260mm	Ø95x260mm	Ø95x260mm	Ø95x285mm	Ø95x285mm	Ø125x285mm
CUT-OUT	-	-	-	-	-	-	-	-
PROTECTION CLASS	Class II	Class II	Class II	Class II	Class II	Class II	Class II	Class II
PROTECTION CLASS IK	IK08	IK08	IK08	IK08	IK08	IK08	IK08	IK08
POWER FACTOR	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
NOMINAL LIFETIME	50000H	50000H	50000H	50000H	50000H	50000H	50000H	50000H
STARTING TIME 100% ON	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s	0.0005s
SWITCHING CYCLE	20000X	20000X	20000X	20000X	20000X	20000X	20000X	20000X
ENERGY LABEL	A+	A+	A+	A+	A+	A+	A+	A+
LED BRAND	Philips LED	Philips LED	Philips LED	Philips LED	Philips LED	Philips LED	Philips LED	Philips LED
DRIVER BRAND	-	-	-	-	-	-	-	-
MOUNTING TYPE	Screw	Screw	Screw	Screw	Screw	Screw	Screw	Screw
BODY MATERIAL	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
COLOR	White	White	White	White	White	White	White	White
BODY SHAPE	-	-	-	-	-	-	-	-
BOX QUANTITY	10 pcs/carton	10 pcs/carton	10 pcs/carton	10 pcs/carton	10 pcs/carton	10 pcs/carton	10 pcs/carton	10 pcs/carton
GROSS WEIGHT	-	-	-	-	-	-	-	-
SKU	ILAR-00843	ILAR-00794	ILAR-00751	ILAR-00546	ILAR-00932	ILAR-00451	ILAR-00934	ILAR-00608



**OUTDOOR**

EXTERIOR

OUTDOOR

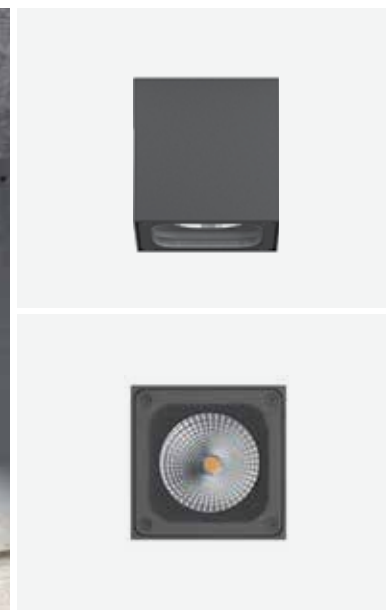
EXTERIOR





# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## ASH

DIE-CASTING ALUMINIUM    EAGLERISE DRIVER    LED CREE    IP65

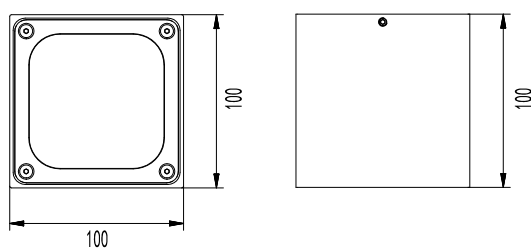
Luminária LED Exterior de Tecto com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK10), forte resistência à corrosão.

Exterior Ceiling LED light fixture with modern design, high reproduction LED chips, die-cast aluminum, high levels of protection (IP65 and IK10), strong corrosion resistance.

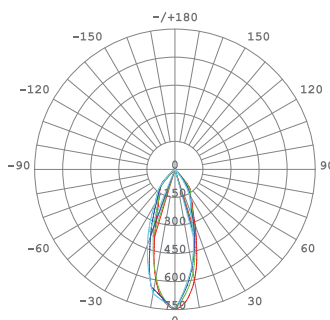
Luminária LED de Tecto afuera, de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK10), fuerte resistencia a la corrosión.

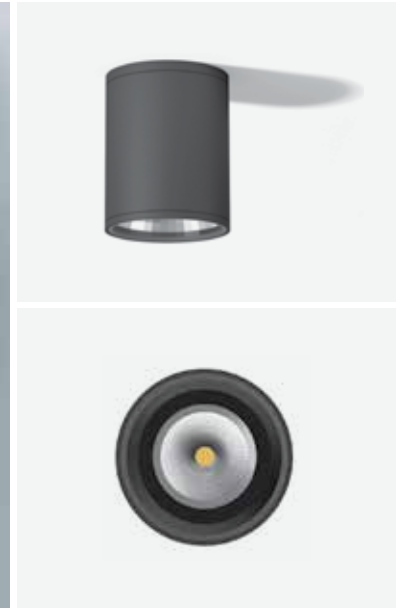
WATTS	6W
CCT	3000K
TOTAL LUMINOUS FLUX	410lm
LUMINOUS EFFICACY	-
BEAM ANGLE	45°
CRI	≥80
IP	IP65
VOLTAGE	AC220-240V
SIZE	100x100mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK10
POWER FACTOR	-
NOMINAL LIFETIME	25000H
STARTING TIME 100% ON	0.0005s
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	LED CREE
DRIVER BRAND	EAGLERISE DRIVER
MOUNTING TYPE	Surface
BODY MATERIAL	Die-casting aluminium Clear polycarbonate diffuser
COLOR	Grey
BODY SHAPE	Square
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00808

### TECHNICAL DRAWING



### BEAM ANGLE





# ASPEN

DIE-CASTING ALUMINIUM IP65

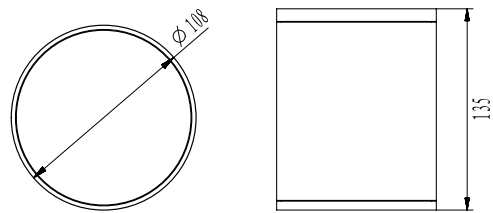
Luminária exterior de teto que acolhe um lâmpada PAR30 (não incluída). Design moderno, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK06) e forte resistência à corrosão.

Exterior ceiling-mounted light fixture that houses a PAR30 lamp (not included). Modern design, die-cast aluminum, high levels of protection (IP65 and IK06) and strong corrosion resistance.

Luminaria de techo exterior que alberga una lámpara PAR30 (no incluida). Diseño moderno, aluminio fundido a presión, altos niveles de protección (IP65 e IK06) y gran resistencia a la corrosión.

WATTS	MAX 75W
TYPE OF BULB	PAR30
TOTAL LUMINOUS FLUX	-
LUMINOUS EFFICACY	-
BEAM ANGLE	-
CRI	-
IP	IP65
VOLTAGE	AC100-240V
SIZE	Ø108x135mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
POWER FACTOR	-
NOMINAL LIFETIME	25000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	Die-casting aluminium Extruded aluminum profiles Clear tempered glass
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00809

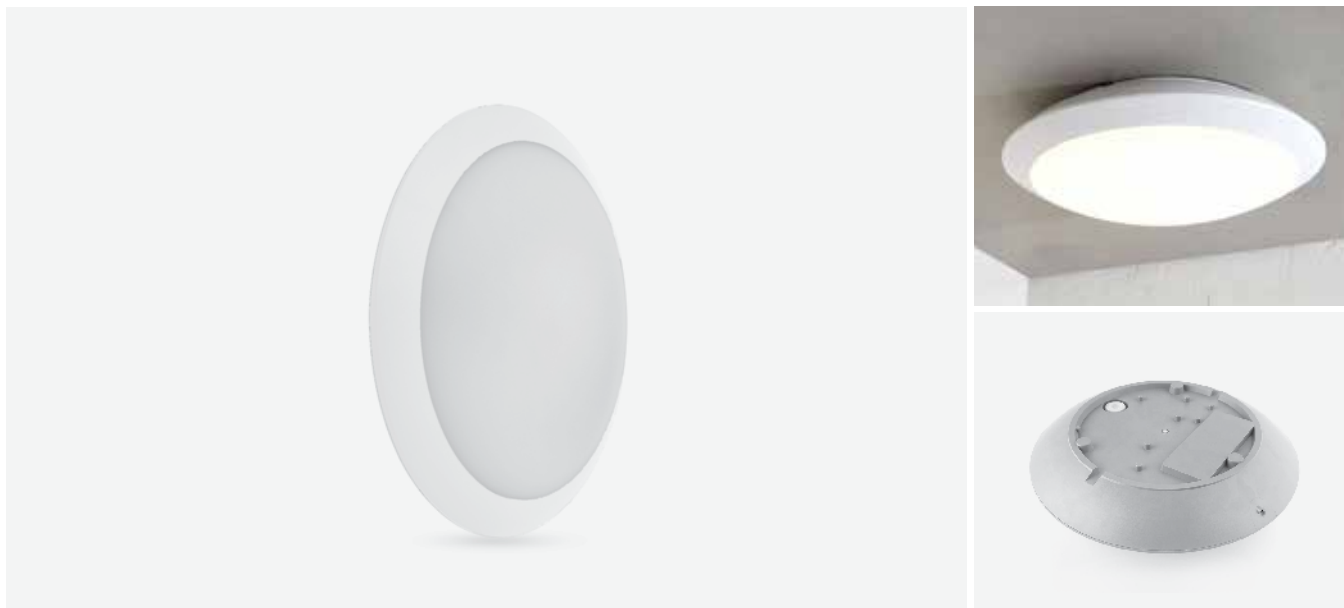
## TECHNICAL DRAWING



\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.

# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## DALIA 2X E27



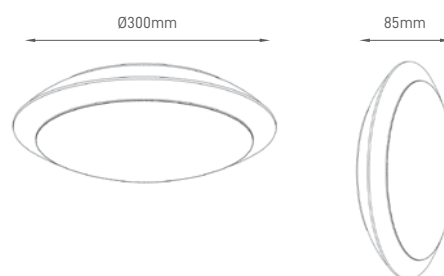
Plafond de jardim com design moderno. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65.

Garden Luminaire line with modern design. Made of ABS PC plastic with anticorrosion treatment and IP65 protection.

Luminaria de jardín de diseño moderno. Elaborado en plástico ABS PC con tratamiento anticorrosivo e índice de protección IP65.

WATTS	MAX 35W
TYPE OF BULB	2X E27
TOTAL LUMINOUS FLUX	-
LUMINOUS EFFICACY	-
BEAM ANGLE	-
CRI	-
IP	IP65
VOLTAGE	AC100-240V
SIZE	Ø300x85mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
POWER FACTOR	-
NOMINAL LIFETIME	-
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	ABS + PC
COLOR	White
BODY SHAPE	-
BOX QUANTITY	12 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00348

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	A60 7W 4500K	ILAR-00402
	A60 10W 4500K	ILAR-00405
	A60 12W 4500K	ILAR-00408

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.



## MATE 2X E27



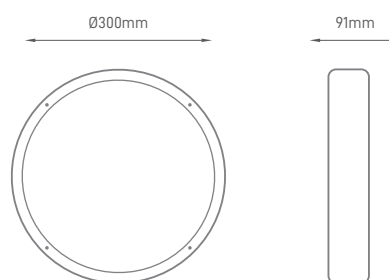
Plafond de jardim com design moderno. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65.

Garden Luminaire line with modern design. Made of ABS PC plastic with anticorrosion treatment and IP65 protection.

Luminaria de jardín de diseño moderno. Elaborado en plástico ABS PC con tratamiento anticorrosivo e índice de protección IP65.

WATTS	MAX 35W
TYPE OF BULB	2X E27
TOTAL LUMINOUS FLUX	-
LUMINOUS EFFICACY	-
BEAM ANGLE	-
CRI	-
IP	IP65
VOLTAGE	AC100-240V
SIZE	Ø300x91mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
POWER FACTOR	-
NOMINAL LIFETIME	-
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	ABS + PC
COLOR	White
BODY SHAPE	-
BOX QUANTITY	12 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00350

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	A60 7W 4500K	ILAR-00402
	A60 10W 4500K	ILAR-00405
	A60 12W 4500K	ILAR-00408

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.

# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## GLOBE 10W



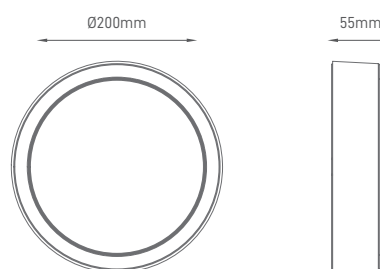
Plafond de Jardim de luz direta com corpo em alumínio e difusor em policarbonato. Uma solução simples e elegante para qualquer espaço exterior.

Direct garden light ceiling with aluminum body and polycarbonate diffuser. A simple and elegant solution for any outdoor space.

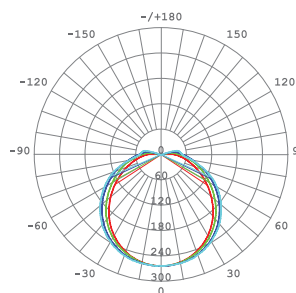
Plafón de luz directa para jardín con cuerpo de aluminio y difusor de policarbonato. Una solución simple y elegante para cualquier espacio exterior.

WATTS	10W	10W
CCT	4500K	4500K
TOTAL LUMINOUS FLUX	1000lm	1000lm
LUMINOUS EFFICACY	-	-
BEAM ANGLE	120°	120°
CRI	≥80	≥80
IP	IP54	IP54
VOLTAGE	AC220-240V	AC220-240V
SIZE	Ø200x55mm	Ø200x55mm
CUT-OUT	-	-
PROTECTION CLASS	Class I	Class I
PROTECTION CLASS IK	IK06	IK06
POWER FACTOR	-	-
NOMINAL LIFETIME	30000H	30000H
STARTING TIME 100% ON	0.0005s	0.0005s
ON/OFF CYCLES	-	-
ENERGY LABEL	A+	A+
LED BRAND	SMD LED	SMD LED
DRIVER BRAND	-	-
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	Aluminium Body + PC Diffuser	Aluminium Body + PC Diffuser
COLOR	Grey	White
BODY SHAPE	-	-
BOX QUANTITY	10 pcs / carton	10 pcs / carton
GROSS WEIGHT	-	-
SKU	ILAR-00953	ILAR-00952

### TECHNICAL DRAWING



### BEAM ANGLE





## LARA 12W



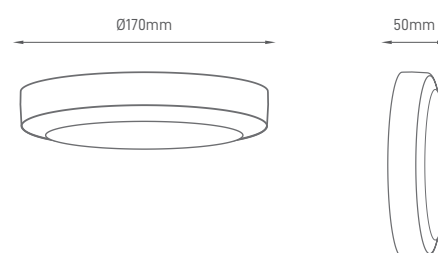
Aplique de Parede com luz direta integrada em placa de led smd.

Wall lamp with direct light integrated into a smd led board.

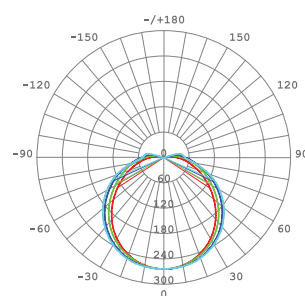
Aplique de pared con luz directa integrada en placa led smd.

<b>WATTS</b>	<b>12W</b>
<b>CCT</b>	4500K
<b>TOTAL LUMINOUS FLUX</b>	840lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	120°
<b>CRI</b>	≥80
<b>IP</b>	IP54
<b>VOLTAGE</b>	AC220-240V
<b>SIZE</b>	Ø170x50mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	>0.5
<b>NOMINAL LIFETIME</b>	30000H
<b>STARTING TIME 100% ON</b>	0.0005s
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	SMD LED
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	ABS + PC
<b>COLOR</b>	White
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	20 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00954

### TECHNICAL DRAWING



### BEAM ANGLE



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## NOA



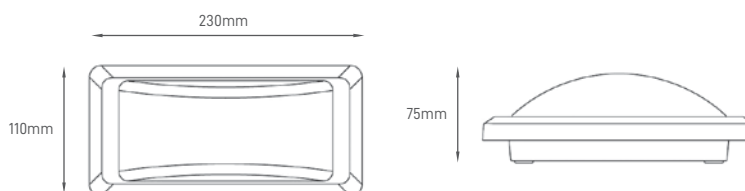
Aplique de Jardim com luz direta e elevada luminosidade.

Garden Light with direct light and high brightness.

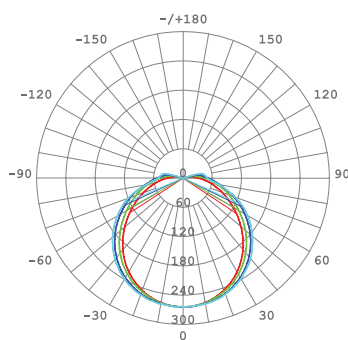
Luz de Jardim con luz directa y alto brillo.

WATTS	12W	12W
CCT	4000K	4000K
TOTAL LUMINOUS FLUX	1200lm	1200lm
LUMINOUS EFFICACY	-	-
BEAM ANGLE	120°	120°
CRI	≥80	≥80
IP	IP65	IP65
VOLTAGE	AC220-240V	AC220-240V
SIZE	230x110x75mm	230x110x75mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	-	-
POWER FACTOR	-	-
NOMINAL LIFETIME	20000H	20000H
STARTING TIME 100% ON	0.0005s	0.0005s
ON/OFF CYCLES	-	-
ENERGY LABEL	A+	A+
LED BRAND	-	-
DRIVER BRAND	-	-
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	ABS + PC	ABS + PC
COLOR	Grey	White
BODY SHAPE	Rectangular	Rectangular
BOX QUANTITY	20 pcs / carton	20 pcs / carton
GROSS WEIGHT	-	-
SKU	ILAR-00881	ILAR-00972

### TECHNICAL DRAWING



### BEAM ANGLE






## FLORA SIMPLES I DUPLO



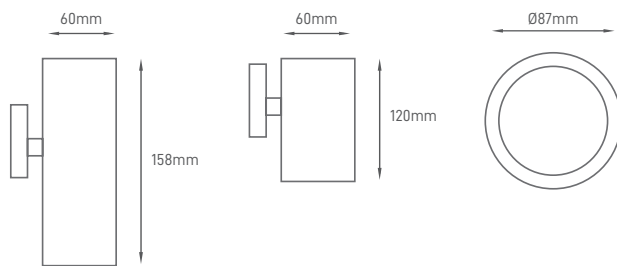
Aplique de jardim com design moderno. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65. Dupla Emissão de Luz.

Garden wall light line with modern design. Made of ABS PC plastic with anticorrosion treatment and IP65 protection. Double Light Emission.

Luminaria de jardín de diseño moderno. Elaborado en plástico ABS PC con tratamiento anticorrosivo e índice de protección IP65. Dupla Emisión de Luz.

WATTS	MAX 7W	MAX 14W
TYPE OF BULB	2X GU10	2X GU10
TOTAL LUMINOUS FLUX	-	-
LUMINOUS EFFICACY	-	-
MODEL	Single Light	Double Light
CRI	-	-
IP	IP65	IP65
VOLTAGE	AC100-240V	AC100-240V
SIZE	Ø87x120x60mm	Ø87x158x60mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK06	IK06
POWER FACTOR	-	-
NOMINAL LIFETIME	-	-
STARTING TIME 100% ON	0.0005s	0.0005s
ON/OFF CYCLES	-	-
ENERGY LABEL	A+	A+
LED BRAND	-	-
DRIVER BRAND	-	-
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	ABS	ABS
COLOR	Grey	Grey
BODY SHAPE	-	-
BOX QUANTITY	10 pcs / carton	10 pcs / carton
GROSS WEIGHT	-	-
SKU	 ILAR-00355	ILAR-00357

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	GU10 7W 4000K	ILAR-00326
	GU10 38° 6W 4000K	ILAR-00551
	GU10 5W 4000K	ILAR-00332

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## CLIF DOUBLE

DIE-CASTING ALUMINIUM   LED CREE   IP65

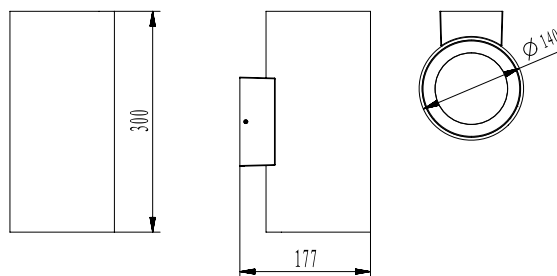
Luminária LED para aplicação em fachadas com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK06) e forte resistência à corrosão. Emite luz em duas direcções: para cima (20W) e para baixo (20W).

Facade LED luminaire with modern design, high reproduction LED chips, die-cast aluminum, high levels of protection (IP65 and IK06) and strong corrosion resistance. Emits light in two directions: up (20W) and down (20W).

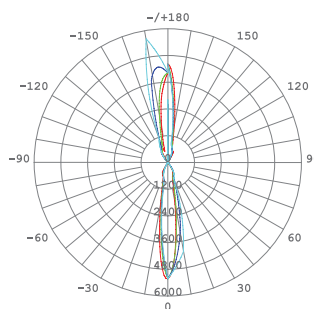
Luminaria LED de fachada de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK06) y gran resistencia a la corrosión. Emite luz en dos direcciones: arriba (20W) y abajo (20W).

<b>WATTS</b>	<b>2X 20W</b>
<b>CCT</b>	3000K
<b>TOTAL LUMINOUS FLUX</b>	2050lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	2x 16°
<b>CRI</b>	≥80
<b>IP</b>	IP65
<b>VOLTAGE</b>	AC220-240V
<b>SIZE</b>	Ø140x177x300mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	25000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	LED CREE
<b>DRIVER BRAND</b>	EAGLERISE DRIVER
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	Die-casting aluminium Extruded aluminum profiles Clear tempered glass
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	6 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00817

### TECHNICAL DRAWING



### BEAM ANGLE





## CLIF ONE

DIE-CASTING ALUMINIUM    LED CREE    IP65

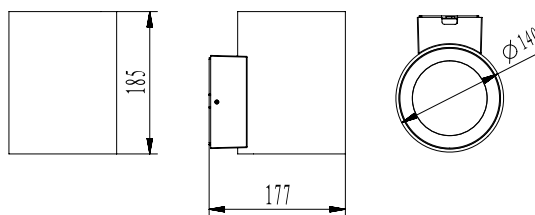
Luminária LED para aplicação em fachadas com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK06) e forte resistência à corrosão.

Facade LED luminaire with modern design, high reproduction LED chips, die-cast aluminium, high levels of protection (IP65 and IK06) and strong corrosion resistance.

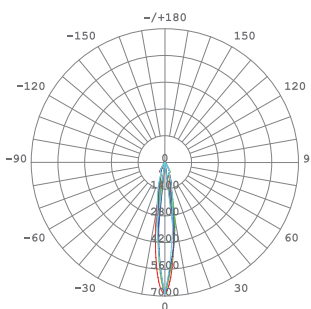
Luminaria LED de fachada de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK06) y gran resistencia a la corrosión.

WATTS	20W
CCT	3000K
TOTAL LUMINOUS FLUX	1100lm
LUMINOUS EFFICACY	-
BEAM ANGLE	16°
CRI	≥80
IP	IP65
VOLTAGE	AC220-240V
SIZE	Ø140x177x185mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
POWER FACTOR	-
NOMINAL LIFETIME	25000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	LED CREE
DRIVER BRAND	EAGLERISE DRIVER
MOUNTING TYPE	Surface
BODY MATERIAL	Die-casting aluminium Extruded aluminium profiles Clear tempered glass
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00818

### TECHNICAL DRAWING



### BEAM ANGLE



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## HARPE DOUBLE

ALUMINIUM LED CREE IP65

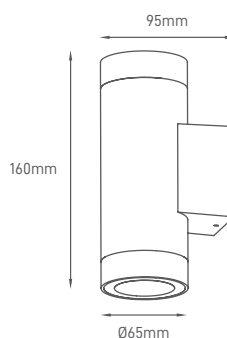
Luminária LED para aplicação em fachadas com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK06) e forte resistência à corrosão. Emite luz em duas direcções: para cima (6W) e para baixo (6W).

Facade LED luminaire with modern design, high reproduction LED chips, die-cast aluminum, high levels of protection (IP65 and IK06) and strong corrosion resistance. Emits light in two directions: up (6W) and down (6W).

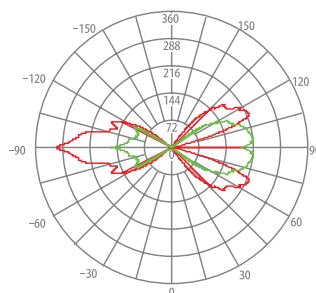
Luminaria LED de fachada de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK06) y gran resistencia a la corrosión. Emite luz en dos direcciones: arriba (6W) y abajo (6W).

<b>WATTS</b>	<b>2X 6W</b>
<b>CCT</b>	3000K
<b>TOTAL LUMINOUS FLUX</b>	900lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	2x 16°
<b>CRI</b>	≥80
<b>IP</b>	IP65
<b>VOLTAGE</b>	AC220-240V
<b>SIZE</b>	Ø65x160x95mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	30000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	LED CREE
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	Aluminium body in powder coated
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	20 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00962

### TECHNICAL DRAWING



### BEAM ANGLE





# HARPE ONE



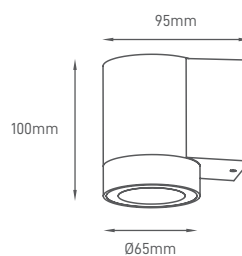
Luminária LED para aplicação em fachadas com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK06) e forte resistência à corrosão.

Facade LED luminaire with modern design, high reproduction LED chips, die-cast aluminum, high levels of protection (IP65 and IK06) and strong corrosion resistance.

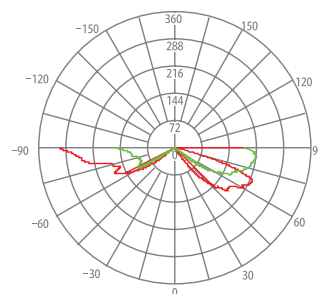
Luminaria LED de fachada de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK06) y gran resistencia a la corrosión.

<b>WATTS</b>	<b>6W</b>
<b>CCT</b>	3000K
<b>TOTAL LUMINOUS FLUX</b>	450lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	16°
<b>CRI</b>	≥80
<b>IP</b>	IP65
<b>VOLTAGE</b>	AC220-240V
<b>SIZE</b>	Ø65x100x95mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	30000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	LED CREE
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	Aluminium body in powder coated
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	20 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00961

## TECHNICAL DRAWING



## BEAM ANGLE



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## PINE

Luminária exterior de parede que acolhe duas lâmpadas GU10 (não incluídas). Com design moderno, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK06) e forte resistência à corrosão. Emite luz em duas direções: para cima e para baixo.

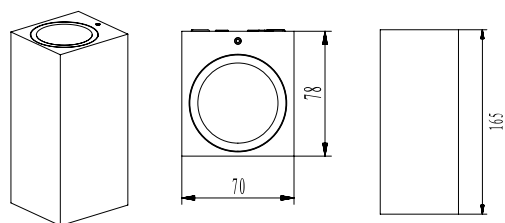
Exterior wall light fixture that houses two GU10 lamps (not included). With a modern design, die-cast aluminum, high levels of protection (IP65 and IK06) and strong corrosion resistance. Emits light in two directions: up and down.

DIE-CASTING ALUMINIUM IP65 GU10

Lámpara de pared exterior que alberga dos lâmpara GU10 (no incluídas). Con un diseño moderno, aluminio fundido a presión, altos niveles de protección (IP65 e IK06) y una fuerte resistencia a la corrosión. Emite luz en dos direcciones: arriba y abajo.

WATTS	MAX 2X 35W
TYPE OF BULB	2X GU10
TOTAL LUMINOUS FLUX	-
LUMINOUS EFFICACY	-
BEAM ANGLE	-
CRI	-
IP	IP65
VOLTAGE	AC100-240V
SIZE	78x70x165mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
POWER FACTOR	-
NOMINAL LIFETIME	-
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	Die-casting aluminium Clear tempered glass
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00810

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	GU10 7W 4000K	ILAR-00326
	GU10 38° 6W 4000K	ILAR-00551
	GU10 5W 4000K	ILAR-00332

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.






## ALDER

DIE-CASTING ALUMINIUM IP65 GU10 

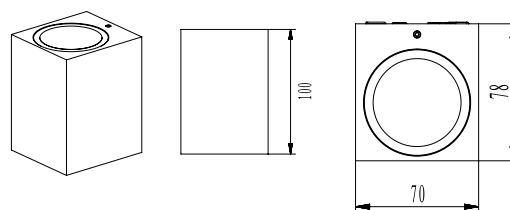
Luminária exterior de parede que acolhe uma lâmpada GU10 (não incluída). Com design moderno, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK06) e forte resistência à corrosão.

Exterior wall light fixture that houses a GU10 lamp (not included). With a modern design, die-cast aluminum, high levels of protection (IP65 and IK06) and strong corrosion resistance.

Lámpara de pared exterior que alberga una lámpara GU10 (no incluida). Con un diseño moderno, aluminio fundido a presión, altos niveles de protección (IP65 e IK06) y una fuerte resistencia a la corrosión.

<b>WATTS</b>	<b>MAX 35W</b>
<b>TYPE OF BULB</b>	1X GU10
<b>TOTAL LUMINOUS FLUX</b>	-
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	-
<b>CRI</b>	-
<b>IP</b>	IP65
<b>VOLTAGE</b>	AC100-240V
<b>SIZE</b> 	78x70x100mm
<b>CUT-OUT</b> 	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	-
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	-
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	Die-casting aluminium Clear tempered glass
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	6 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b> 	<b>ILAR-00811</b>

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	GU10 7W 4000K	<b>ILAR-00326</b>
	GU10 38° 6W 4000K	<b>ILAR-00551</b>
	GU10 5W 4000K	<b>ILAR-00332</b>

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.

# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## PARKE DOUBLE

Luminária exterior de parede que acolhe duas lâmpadas GU10 (não incluídas). Com design moderno, alumínio de fundição injetada e forte resistência à corrosão. Emite luz em duas direcções.

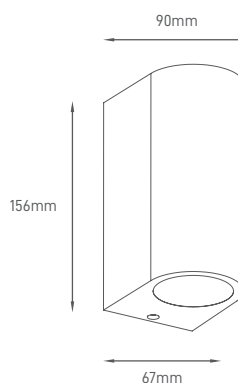
Exterior wall light fixture that houses two GU10 lamps (not included). With a modern design, die-cast aluminum and strong corrosion resistance. Emits light in two directions.

DIE-CASTING ALUMINIUM IP54 GU10

Lámpara de pared exterior que alberga dos lámparas GU10 (no incluídas). Con un diseño moderno, aluminio fundido a presión, y una fuerte resistencia a la corrosión. Emite luz en dos direcciones.

WATTS	MAX 2X 35W	MAX 2X 35W
TYPE OF BULB	2X GU10	2X GU10
TOTAL LUMINOUS FLUX	-	-
LUMINOUS EFFICACY	-	-
BEAM ANGLE	-	-
CRI	-	-
IP	IP54	IP54
VOLTAGE	220-240V	220-240V
SIZE	90x156x67mm	90x156x67mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK06	IK06
POWER FACTOR	-	-
NOMINAL LIFETIME	-	-
STARTING TIME 100% ON	-	-
ON/OFF CYCLES	-	-
ENERGY LABEL	A+	A+
LED BRAND	-	-
DRIVER BRAND	-	-
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	Die-casting aluminium	Die-casting aluminium
COLOR	Grey	White
BODY SHAPE	-	-
BOX QUANTITY	20 pcs / carton	20 pcs / carton
GROSS WEIGHT	-	-
SKU	ILAR-00967	ILAR-00968

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	GU10 7W 4000K	ILAR-00326
	GU10 38° 6W 4000K	ILAR-00551
	GU10 5W 4000K	ILAR-00332

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluídas.






## PARKE ONE

Luminária exterior de parede que acolhe uma lâmpadas GU10 (não incluída). Com design moderno, alumínio de fundição injetada e forte resistência à corrosão.

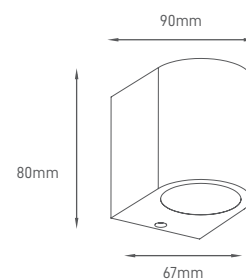
Exterior wall light fixture that houses one GU10 lamp (not included). With a modern design, die-cast aluminum and strong corrosion resistance.



Lámpara de pared exterior que alberga una lámpara GU10 (no incluida). Con un diseño moderno, aluminio fundido a presión, y una fuerte resistencia a la corrosión.

WATTS	MAX 35W	MAX 35W
TYPE OF BULB	1X GU10	1X GU10
TOTAL LUMINOUS FLUX	-	-
LUMINOUS EFFICACY	-	-
BEAM ANGLE	-	-
CRI	-	-
IP	IP54	IP54
VOLTAGE	220-240V	220-240V
SIZE 	90x80x67mm	90x80x67mm
CUT-OUT 	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK06	IK06
POWER FACTOR	-	-
NOMINAL LIFETIME	-	-
STARTING TIME 100% ON	-	-
ON/OFF CYCLES	-	-
ENERGY LABEL	A+	A+
LED BRAND	-	-
DRIVER BRAND	-	-
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	Die-casting aluminium	Die-casting aluminium
COLOR	Grey	White
BODY SHAPE	-	-
BOX QUANTITY	20 pcs / carton	20 pcs / carton
GROSS WEIGHT	-	-
SKU 	ILAR-00965	ILAR-00966

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	GU10 7W 4000K	ILAR-00326
	GU10 38° 6W 4000K	ILAR-00551
	GU10 5W 4000K	ILAR-00332

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## MAPLE

DIE-CASTING ALUMINIUM    EAGLERISE DRIVER    LED CREE    IP65

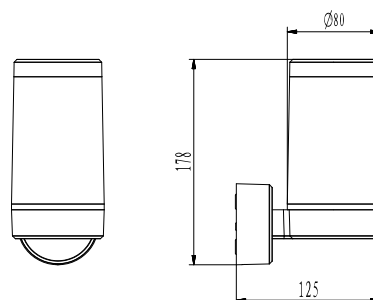
Luminária exterior de parede com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK08) e forte resistência à corrosão.

Exterior wall luminaire with a modern design, high-reproduction LED chips, die-cast aluminum, high levels of protection (IP65 and IK08) and strong corrosion resistance.

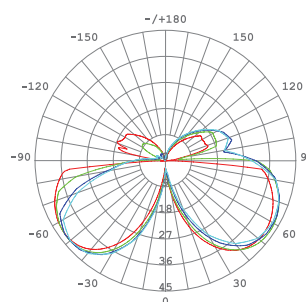
Lámpara de pared exterior de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK08) y gran resistencia a la corrosión.

<b>WATTS</b>	<b>8W</b>
<b>CCT</b>	3000K
<b>TOTAL LUMINOUS FLUX</b>	265lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	90°
<b>CRI</b>	≥80
<b>IP</b>	IP65
<b>VOLTAGE</b>	220-240V
<b>SIZE</b>	125x80x178mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK08
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	25000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	LED CREE
<b>DRIVER BRAND</b>	EAGLERISE DRIVER
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	Die-casting aluminium Opal and clear polycarbonate diffuser
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	6 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00813

### TECHNICAL DRAWING



### BEAM ANGLE





## BAO

DIE-CASTING ALUMINIUM
EAGLERISE DRIVER
LED CREE
IP65

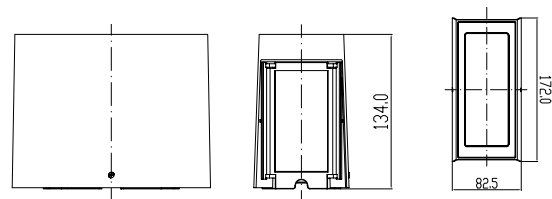
Luminária exterior de parede com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK06) e forte resistência à corrosão. Emite luz em três direções: para cima, para baixo e para a frente. Permite ajuste de ângulo (0-90°) do foco superior e inferior.

Exterior wall luminaire with a modern design, high-reproduction LED chips, die-cast aluminum, high levels of protection (IP65 and IK06) and strong corrosion resistance. Emits light in three directions: up, down and forward. Allows adjustment of angle (0-90°) of upper and lower focus.

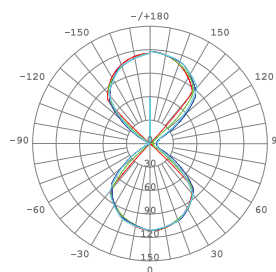
Lámpara de pared exterior de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK06) y gran resistencia a la corrosión. Emite luz en tres direcciones: arriba, abajo y adelante. Permite el ajuste del ángulo (0-90°) del foco superior e inferior.

WATTS	12W
CCT	3000K
TOTAL LUMINOUS FLUX	440lm
LUMINOUS EFFICACY	-
BEAM ANGLE	2x 0-90°
CRI	≥80
IP	IP65
VOLTAGE	220-240V
SIZE	134x82.5x172mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
POWER FACTOR	-
NOMINAL LIFETIME	25000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	LED CREE
DRIVER BRAND	EAGLERISE DRIVER
MOUNTING TYPE	Surface
BODY MATERIAL	Die-casting aluminium Opal polycarbonate diffuser Clear tempered glass
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00816

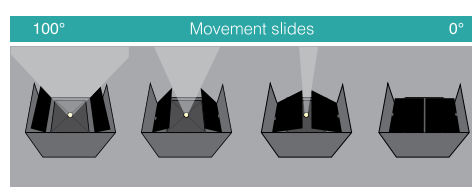
### TECHNICAL DRAWING



### BEAM ANGLE



### MOVEMENT SLIDES



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## PHIL

Aplique de Parede com luz direta integrada em placa de led smd.

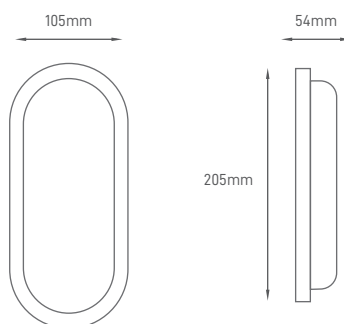
Wall lamp with direct light integrated into a smd led board.

Aplique de pared con luz directa integrada en placa led smd.

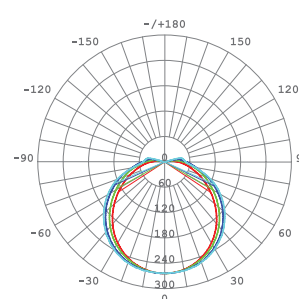


WATTS	8W	12W
CCT	4500K	4500K
TOTAL LUMINOUS FLUX	560lm	840lm
BEAM ANGLE	120°	120°
CRI	≥80	≥80
IP	IP54	IP54
VOLTAGE	220-240V	220-240V
SIZE	160x90x51mm	205x105x54mm
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK08	IK08
POWER FACTOR	>0.5	>0.5
NOMINAL LIFETIME	30000H	30000H
LED BRAND	LED CREE	LED CREE
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	ABS + PC	ABS + PC
COLOR	White	White
BOX QUANTITY	32 pcs / carton	32 pcs / carton
SKU	ILAR-00955	ILAR-00879

### TECHNICAL DRAWING



### BEAM ANGLE



## FENIX

Aplique de Parede para lâmpada E27.

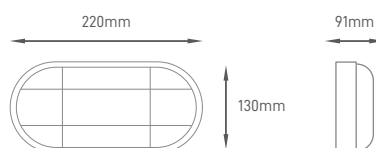
Wall lamp for E27 lamp.

Aplique de pared para lámpara E27



WATTS	MAX 35W
TYPE OF BULB	1X E27
IP	IP44
VOLTAGE	AC100-240V
SIZE	220x130x91mm
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
BODY MATERIAL	Surface
COLOR	ABS + PC
BODY SHAPE	White
BOX QUANTITY	18 pcs / carton
SKU	ILAR-00352

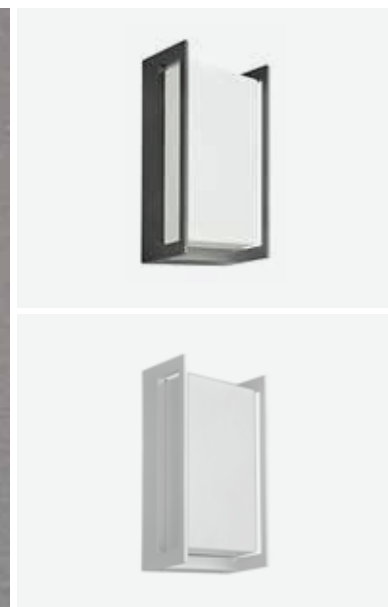
### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	A60 7W 4500K	ILAR-00402
	A60 10W 4500K	ILAR-00405
	A60 12W 4500K	ILAR-00408
	G45 4W 4000K	ILAR-00369
	G45 6W 4000K	ILAR-00372

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.



## FISHER

DIE-CASTING ALUMINIUM   LED CREE   IP54

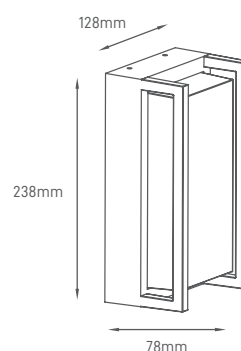
Luminária exterior de parede com luz direta e design moderno, chips LED de elevada reprodução, alumínio de fundição injetada com proteção em pó e forte resistência à corrosão.

Exterior wall luminaire with direct light and modern design, high-reproduction LED chips, die-cast aluminum in powder coated and strong corrosion resistance.

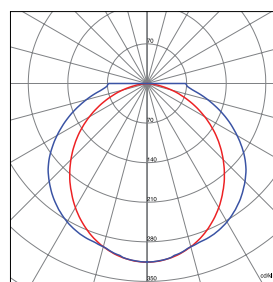
Lámpara de pared exterior de luz directa y diseño moderno, chips LED de alta reproducción, aluminio fundido a presión y gran resistencia a la corrosión.

WATTS	10W	10W
CCT	3000K	3000K
TOTAL LUMINOUS FLUX	900lm	900lm
LUMINOUS EFFICACY	-	-
BEAM ANGLE	90°	90°
CRI	≥80	≥80
IP	IP54	IP54
VOLTAGE	220-240V	220-240V
SIZE	238x128x78mm	238x128x78mm
CUT-OUT	-	-
PROTECTION CLASS	Class I	Class I
PROTECTION CLASS IK	IK08	IK08
POWER FACTOR	-	-
NOMINAL LIFETIME	30000H	30000H
STARTING TIME 100% ON	-	-
ON/OFF CYCLES	-	-
ENERGY LABEL	A+	A+
LED BRAND	LED CREE	LED CREE
DRIVER BRAND	-	-
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	Die-casting aluminium	Die-casting aluminium
COLOR	Grey	White
BODY SHAPE	-	-
BOX QUANTITY	20 pcs / carton	20 pcs / carton
GROSS WEIGHT	-	-
SKU	ILAR-00959	ILAR-00960

### TECHNICAL DRAWING



### BEAM ANGLE



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## IVY



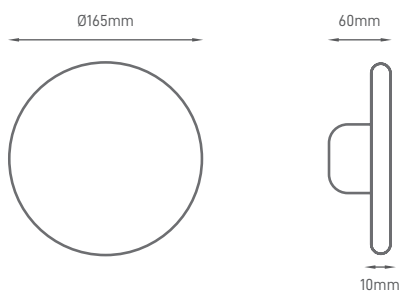
Aplique de jardim com design moderno e luz indireta. Materiais em plástico ABS PC, om tratamento anticorrosivo e protecção IP65.

Garden wall light with modern design and indirect light. Made of ABS PC plastic with anticorrosion treatment and IP65 protection.

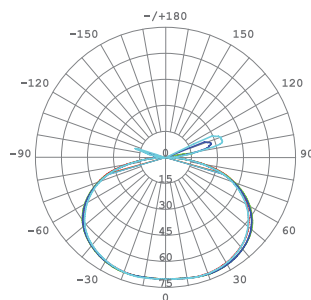
Luminária de jardim de diseño moderno y iluminación indirecta. Elaborado en plástico ABS PC com tratamento anticorrosivo y índice de protección IP65.

<b>WATTS</b>	<b>8W</b>
<b>CCT</b>	4000K
<b>TOTAL LUMINOUS FLUX</b>	700lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	120°
<b>CRI</b>	≥80
<b>IP</b>	IP65
<b>VOLTAGE</b>	220-240V
<b>SIZE</b>	Ø165x60x10mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class II
<b>PROTECTION CLASS IK</b>	IK08
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	20000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	LED CREE
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	ABS + PC
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	10 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00796

### TECHNICAL DRAWING



### BEAM ANGLE





# HANA



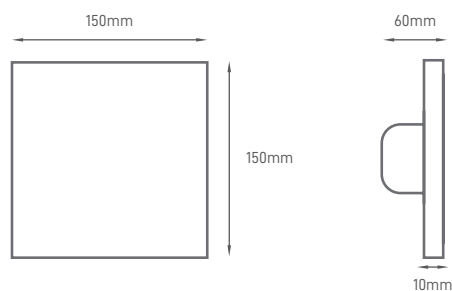
Aplique de jardim com design moderno e luz indireta. Materiais em plástico ABS PC, om tratamento anticorrosivo e protecção IP65.

Garden wall light with modern design and indirect light. Made of ABS PC plastic with anticorrosion treatment and IP65 protection.

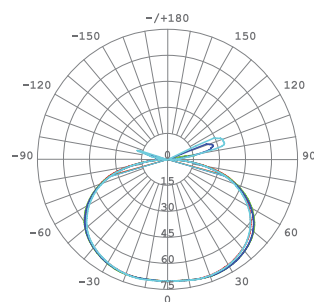
Luminária de jardín de diseño moderno y iluminación indirecta. Elaborado en plástico ABS PC con tratamiento anticorrosivo y índice de protección IP65.

WATTS	8W
CCT	4000K
TOTAL LUMINOUS FLUX	670lm
LUMINOUS EFFICACY	-
BEAM ANGLE	120°
CRI	≥80
IP	IP65
VOLTAGE	220-240V
SIZE	150x150x10x60mm
CUT-OUT	-
PROTECTION CLASS	Class II
PROTECTION CLASS IK	IK08
POWER FACTOR	-
NOMINAL LIFETIME	20000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	LED CREE
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	ABS + PC
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	10 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00797

### TECHNICAL DRAWING



### BEAM ANGLE



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## AXEL

DIE-CASTING ALUMINIUM    EAGLERISE DRIVER    LED CREE    IP65

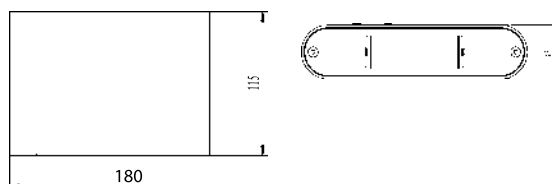
Luminária exterior de parede com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK06) e forte resistência à corrosão. Emite luz em duas direções: para cima (6W) e para baixo (6W) e permite ajuste de ângulo (0-90°) de cada uma.

Exterior wall luminaire with a modern design, high-reproduction LED chips, die-cast aluminum, high levels of protection (IP65 and IK06) and strong corrosion resistance. Emits light in two directions: up (6W) and down (6W) and allows angle adjustment (0-90°) of each.

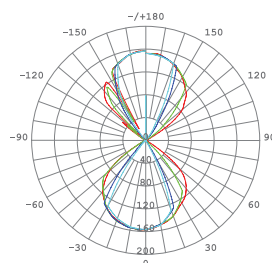
Lámpara de pared exterior de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK06) y gran resistencia a la corrosión. Emite luz en dos direcciones: arriba (6W) y abajo (6W) y permite el ajuste del ángulo (0-90°) de cada.

<b>WATTS</b>	<b>2X 6W</b>
<b>CCT</b>	3000K
<b>TOTAL LUMINOUS FLUX</b>	415lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	2x 0-100°
<b>CRI</b>	≥80
<b>IP</b>	IP65
<b>VOLTAGE</b>	220-240V
<b>SIZE</b>	180x45x115mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	25000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	LED CREE
<b>DRIVER BRAND</b>	EAGLERISE DRIVER
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	Die-casting aluminium Clear tempered glass
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	6 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00815

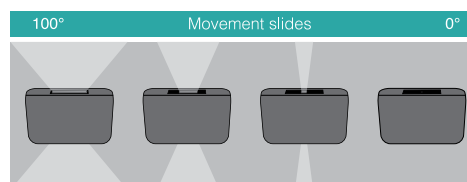
### TECHNICAL DRAWING



### BEAM ANGLE



### MOVEMENT SLIDES





# INDIGO

PLASTIC EAGLERISE DRIVER LED CREE IP65

Aplique de jardim com design moderno e dupla emissão de luz. Materiais em plástico ABS PC, com tratamento anticorrosivo e protecção IP65.

Garden wall light with modern design and double light emitting. Made of ABS PC plastic with anticorrosion treatment and IP65 protection.

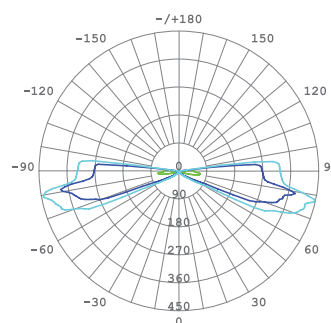
Luminária de jardín de diseño moderno y doble emisión de luz. Elaborado en plástico ABS PC con tratamiento anticorrosivo y índice de protección IP65.

WATTS	12W
CCT	4000K
TOTAL LUMINOUS FLUX	650lm
LUMINOUS EFFICACY	-
BEAM ANGLE	120°
CRI	≥80
IP	IP65
VOLTAGE	220-240V
SIZE	195x125x40mm
CUT-OUT	-
PROTECTION CLASS	Class II
PROTECTION CLASS IK	IK08
POWER FACTOR	-
NOMINAL LIFETIME	20000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	LED CREE
DRIVER BRAND	EAGLERISE DRIVER
MOUNTING TYPE	Surface
BODY MATERIAL	ABS + PC
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	10 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00798

### TECHNICAL DRAWING



### BEAM ANGLE





# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## NUT

DIE-CASTING ALUMINIUM    EAGLERISE DRIVER    LED OSRAM    IP54

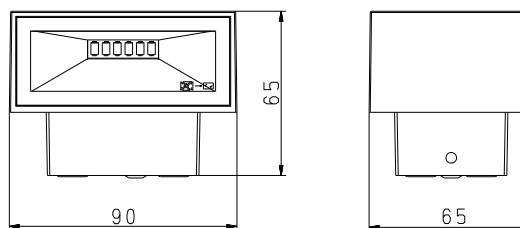
Luminária exterior de parede com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP54 e IK06) e forte resistência à corrosão. Emite luz em duas direções: para cima (4W) e para baixo (4W).

Exterior wall luminaire with a modern design, high-reproduction LED chips, die-cast aluminum, high levels of protection (IP54 and IK06) and strong corrosion resistance. Emits light in two directions: up (4W) and down (4W).

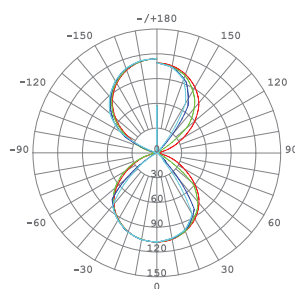
Lámpara de pared exterior de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP54 e IK06) y gran resistencia a la corrosión. Emite luz en dos direcciones: arriba (4W) y abajo (4W).

<b>WATTS</b>	<b>2X 4W</b>
<b>CCT</b>	3000K
<b>TOTAL LUMINOUS FLUX</b>	450lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	2x 110°
<b>CRI</b>	≥80
<b>IP</b>	IP54
<b>VOLTAGE</b>	220-240V
<b>SIZE</b>	90x65x65mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	25000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	LED OSRAM
<b>DRIVER BRAND</b>	EAGLERISE DRIVER
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	Die-casting aluminium Clear tempered glass
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	6 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00814

### TECHNICAL DRAWING



### BEAM ANGLE





# THULE

DIE-CASTING ALUMINIUM
EAGLERISE DRIVER
LED CREE
IP54

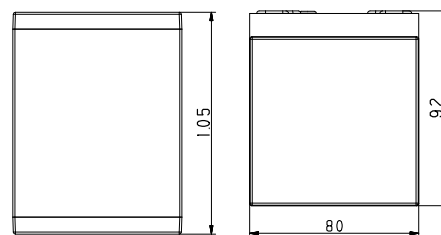
Luminária exterior de parede com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP54 e IK10) e forte resistência à corrosão. Emite luz em duas direcções: para cima (5W) e para baixo (5W).

Exterior wall light fixture with a modern design, high-reproduction LED chips, die-cast aluminum, high levels of protection (IP54 and IK10) and strong corrosion resistance. Emits light in two directions: up (5W) and down (5W).

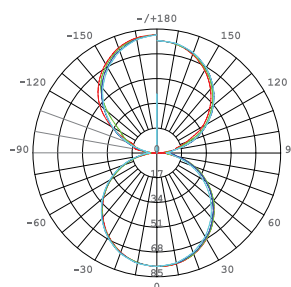
Lámpara de pared exterior de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP54 e IK10) y gran resistencia a la corrosión. Emite luz en dos direcciones: arriba (5W) y abajo (5W).

<b>WATTS</b>	<b>2X 5W</b>
<b>CCT</b>	3000K
<b>TOTAL LUMINOUS FLUX</b>	470lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	2x 120°
<b>CRI</b>	≥80
<b>IP</b>	IP54
<b>VOLTAGE</b>	220-240V
<b>SIZE</b>	92x80x105mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK10
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	25000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	LED CREE
<b>DRIVER BRAND</b>	EAGLERISE DRIVER
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	Die-casting aluminium Opal polycarbonate diffuser
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	6 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00820

## TECHNICAL DRAWING

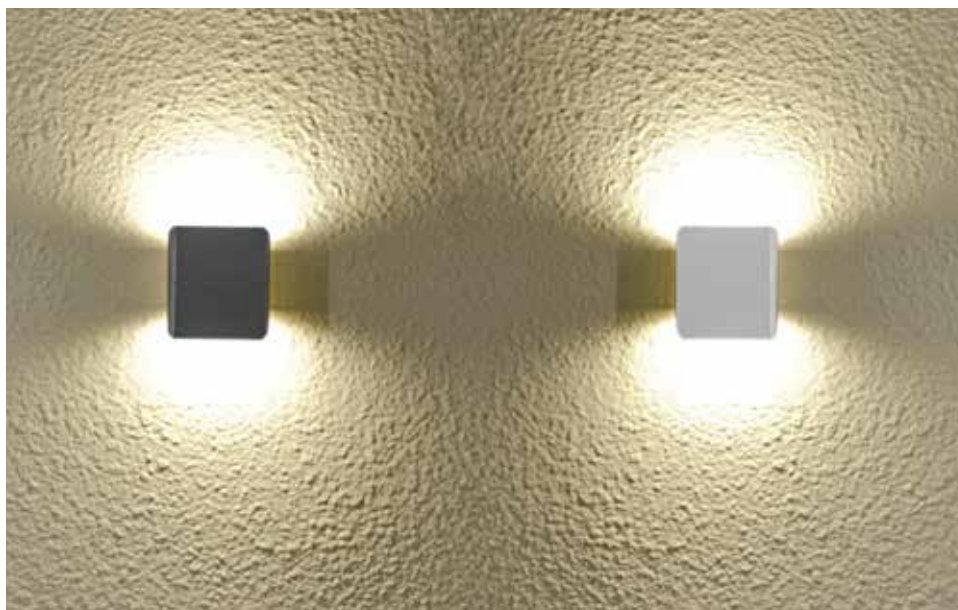


## BEAM ANGLE



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## TAKO

DIE-CASTING ALUMINIUM LED CREE IP54

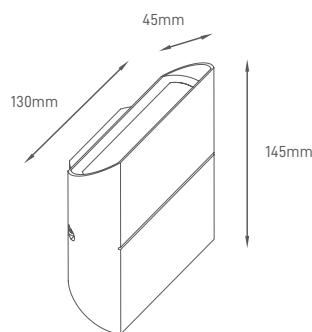
Luminária exterior de parede com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP54 e IK06) e forte resistência à corrosão. Emite luz em duas direcções: para cima (5W) e para baixo (5W).

Exterior wall luminaire with a modern design, high-reproduction LED chips, die-cast aluminum, high levels of protection (IP54 and IK06) and strong corrosion resistance. Emits light in two directions: up (5W) and down (5W).

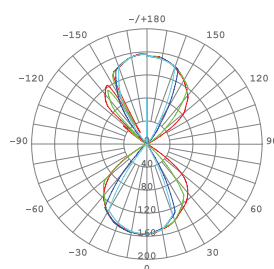
Lámpara de pared exterior de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP54 e IK06) y gran resistencia a la corrosión. Emite luz en dos direcciones: arriba (5W) y abajo (5W).

WATTS	2X 5W	2X 5W
CCT	3000K	3000K
TOTAL LUMINOUS FLUX	600lm	600lm
LUMINOUS EFFICACY	-	-
BEAM ANGLE	104°	104°
CRI	≥80	≥80
IP	IP54	IP54
VOLTAGE	220-240V	220-240V
SIZE	145x130x45mm	145x130x45mm
CUT-OUT	-	-
PROTECTION CLASS	Class I	Class I
PROTECTION CLASS IK	-	-
POWER FACTOR	-	-
NOMINAL LIFETIME	30000H	30000H
STARTING TIME 100% ON	-	-
ON/OFF CYCLES	-	-
ENERGY LABEL	A+	A+
LED BRAND	LED CREE	LED CREE
DRIVER BRAND	-	-
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	Die-casting aluminium	Die-casting aluminium
COLOR	Black	White
BODY SHAPE	-	-
BOX QUANTITY	20 pcs / carton	20 pcs / carton
GROSS WEIGHT	-	-
SKU	ILAR-00963	ILAR-00964

### TECHNICAL DRAWING



### BEAM ANGLE





# CANNA



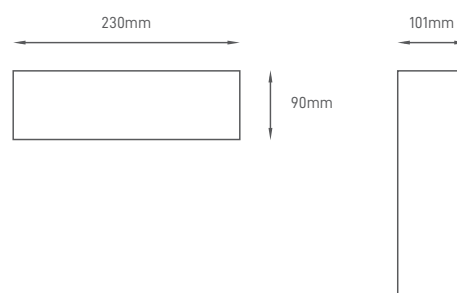
Aplique de jardim com design moderno e dupla emissão de luz. Materiais em plástico ABS PC, om tratamento anticorrosivo e protecção IP65.

Garden wall light with modern design and double light emitting. Made of ABS PC plastic with anticorrosion treatment and IP65 protection.

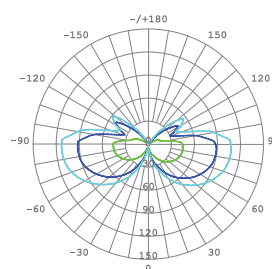
Luminária de jardín de diseño moderno y doble emisión de luz. Elaborado en plástico ABS PC com tratamiento anticorrosivo y índice de protección IP65.

WATTS	12W	12W
CCT	4000K	4000K
TOTAL LUMINOUS FLUX	580lm	580lm
LUMINOUS EFFICACY	-	-
BEAM ANGLE	120°	120°
CRI	≥80	≥80
IP	IP65	IP65
VOLTAGE	220-240V	220-240V
SIZE	230x90x101mm	230x90x101mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	-	-
POWER FACTOR	-	-
NOMINAL LIFETIME	30000H	30000H
STARTING TIME 100% ON	-	-
ON/OFF CYCLES	-	-
ENERGY LABEL	A+	A+
LED BRAND	LED CREE	LED CREE
DRIVER BRAND	-	-
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	ABS + PC	ABS + PC
COLOR	Grey	White
BODY SHAPE	-	-
BOX QUANTITY	10 pcs / carton	10 pcs / carton
GROSS WEIGHT	-	-
SKU	ILAR-00358	ILAR-00977

## TECHNICAL DRAWING



## BEAM ANGLE



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## AVENCA



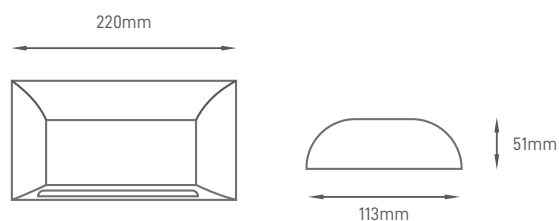
Aplique de jardim com design moderno e emissão de luz única para baixo. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65.

Garden wall light with modern design and downward light emitting. Made of ABS PC plastic with anticorrosion treatment and IP65 protection.

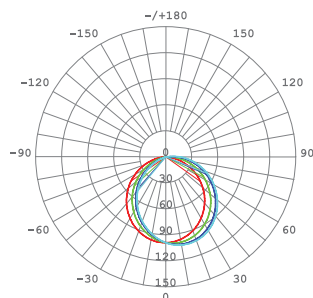
Luminária de jardín de diseño moderno y emisión de luz para abajo. Elaborado en plástico ABS PC con tratamiento anticorrosivo y índice de protección IP65.

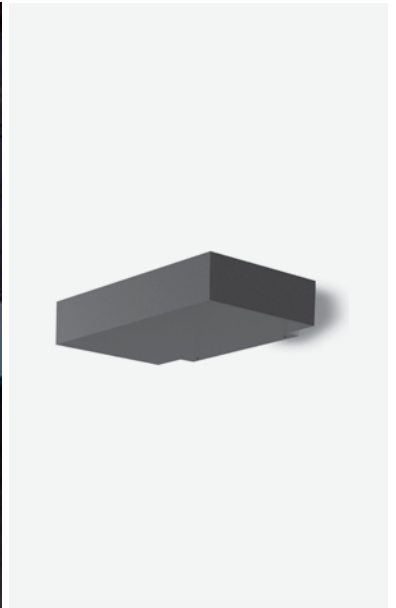
<b>WATTS</b>	<b>6W</b>
<b>CCT</b>	4000K
<b>TOTAL LUMINOUS FLUX</b>	480lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	104°
<b>CRI</b>	≥80
<b>IP</b>	IP65
<b>VOLTAGE</b>	220-240V
<b>SIZE</b>	220x51x113mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class II
<b>PROTECTION CLASS IK</b>	-
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	25000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	SMD 2835
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	ABS + PC
<b>COLOR</b>	White
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	12 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00351

### TECHNICAL DRAWING



### BEAM ANGLE





# LARC

DIE-CASTING ALUMINIUM
EAGLERISE DRIVER
LED CREE
IP54

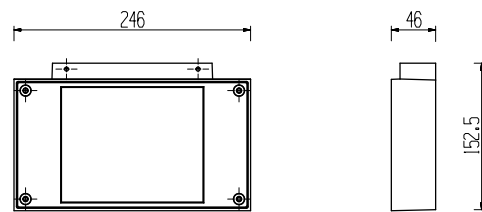
Luminária exterior de parede com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP54 e IK06) e forte resistência à corrosão.

Exterior wall luminaire with a modern design, high-reproduction LED chips, die-cast aluminium, high levels of protection (IP54 and IK06) and strong corrosion resistance.

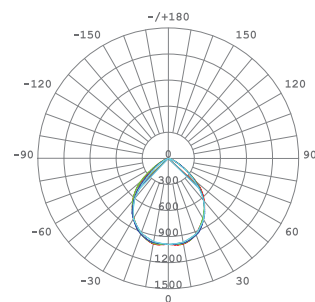
Lámpara de pared exterior de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP54 e IK06) y gran resistencia a la corrosión.

WATTS	33W
CCT	3000K
TOTAL LUMINOUS FLUX	1960lm
LUMINOUS EFFICACY	-
BEAM ANGLE	90°
CRI	≥80
IP	IP54
VOLTAGE	220-240V
SIZE	246x46x153mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
POWER FACTOR	-
NOMINAL LIFETIME	25000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	LED CREE
DRIVER BRAND	EAGLERISE DRIVER
MOUNTING TYPE	Surface
BODY MATERIAL	Die-casting aluminium Clear tempered glass
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00812

## TECHNICAL DRAWING



## BEAM ANGLE



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## ARI

Luminária de parede com design moderno construída em alumínio, elevados níveis de proteção (IP65) e forte resistência à corrosão.

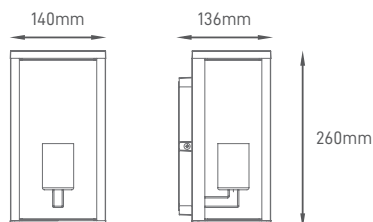
Wall Luminaire with modern design, made of aluminium, high levels of protection (IP65) and strong corrosion resistance.

Luminaria de pared con diseño moderno, elaborada en aluminio, altos niveles de protección (IP65) y gran resistencia a la corrosión

WATTS	MAX 25W
TYPE OF BULB	1X E27
VOLTAGE	220-240V
SIZE	<input checked="" type="checkbox"/> 260x140x136mm
IP	IP65
MATERIAL	Aluminium/Glass
COLOR	Grey
BOX QTY	10 pcs / carton
SKU	ILAR-00882

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.

### TECHNICAL DRAWING



## ARC

Luminária de parede com design moderno construída em alumínio, elevados níveis de proteção (IP65) e forte resistência à corrosão.

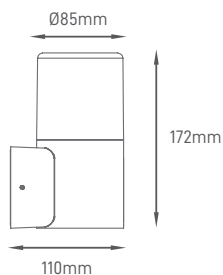
Wall Luminaire with modern design, made of aluminium, high levels of protection (IP65) and strong corrosion resistance.

Luminaria de pared con diseño moderno, elaborada en aluminio, altos niveles de protección (IP65) y gran resistencia a la corrosión

WATTS	MAX 25W
TYPE OF BULB	1X E27
VOLTAGE	220-240V
SIZE	<input checked="" type="checkbox"/> Ø85x172x110mm
IP	IP65
MATERIAL	Aluminium/PVC
COLOR	Grey
BOX QTY	10 pcs / carton
SKU	ILAR-00876

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.

### TECHNICAL DRAWING





## GATE

Luminária de muro com design moderno construída em alumínio, elevados níveis de proteção (IP65) e forte resistência à corrosão.

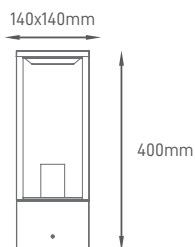
Gate Luminaire with modern design, made of aluminium, high levels of protection (IP65) and strong corrosion resistance.

Luminaria de muro con diseño moderno, elaborada en aluminio, altos niveles de protección (IP65) y gran resistencia a la corrosión

WATTS	MAX 60W
TYPE OF BULB	1X E27
VOLTAGE	220-240V
SIZE	<input checked="" type="checkbox"/> 140x140x400mm
IP	IP65
MATERIAL	Aluminium/Glass
COLOR	Grey
BOX QTY	6 pcs / carton
SKU	ILAR-00951

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.

### TECHNICAL DRAWING



## NORA

Aplique de jardim com design clássico para lâmpada E27. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65.

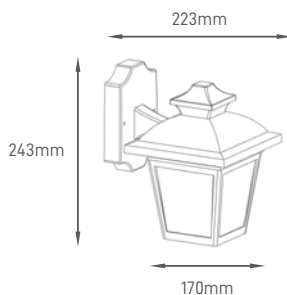
Garden wall light with classic design for E27 lamp. Made of ABS PC plastic with anticorrosion treatment and IP65 protection.

Luminária de jardim de diseño moderno para lâmpara E27. Elaborado en plástico ABS PC com tratamento anticorrosivo y índice de protección IP65.

WATTS	MAX 60W
TYPE OF BULB	1X E27
VOLTAGE	220-240V
SIZE	<input checked="" type="checkbox"/> 223x170x243mm
IP	IP44
MATERIAL	ABS PC Plastic
COLOR	Black
BOX QTY	6 pcs / carton
SKU	ILAR-00979

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.

### TECHNICAL DRAWING





# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## STUDE

Luminária de parede moderna com uma arquitetura elegante e luz ascendente e descendente. Luz suave com baixo UGR criando uma atmosfera confortável. Alto nível de proteção IP65, IK10, Classe I.

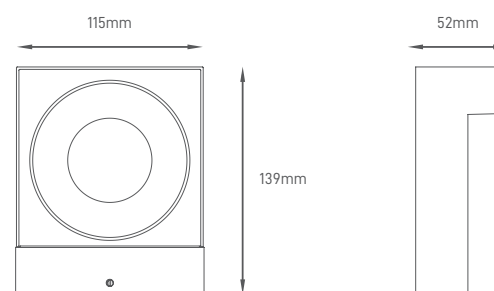
Modern wall luminaire with stylish architectural and up land down light that distributes the light softly creating a comfortable atmosphere. High protection rating IP65, IK10, Class I.

Lámpara de pared moderna con arquitectura elegante y luz hacia arriba y hacia abajo. Luz suave con ugr bajo que crea un ambiente cómodo. Alto grado de protección IP65, IK10, Clase I.

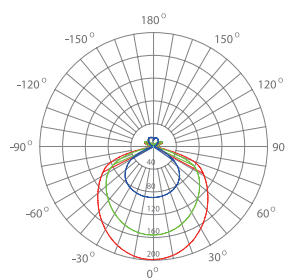


WATTS	8W
CCT	3000K
TOTAL LUMINOUS FLUX	600-670lm
LUMINOUS EFFICACY	85lm/W
BEAM ANGLE	180°
CRI	≥80
IP	IP65
VOLTAGE	AC100-240V
SIZE	139x115x52mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	-
POWER FACTOR	≥0.9
NOMINAL LIFETIME	50000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	CREE COB
DRIVER BRAND	-
MOUNTING TYPE	Surface Mounted
BODY MATERIAL	Die-cast Aluminum
COLOR	Black
BODY SHAPE	-
BOX QUANTITY	24 pcs / carton
GROSS WEIGHT	13.5kg
SKU	ILAR-01028

### TECHNICAL DRAWING



### BEAM ANGLE





# FLOX SOLAR



## EQUIPADA COM PAINEL FOTOVOLTÁICO E 2 MÓDULOS DE FUNCIONAMENTO

Luminária solar de fácil instalação com detector de movimento e sensor crepuscular, ideal para entradas de edifícios, casas ou garagens.

Easy installation solar lamp, with motion detector and twilight sensor, ideal for buildings entrances, houses or garages.

Lámpara solar de fácil instalación con detector de movimiento y sensor crepuscular, ideal para entradas de edificios, casas o garages.

### NO PRESENCE - LIGHT 5%

#### Módulo 1:

Liga automaticamente quando anoitece com luz de baixa intensidade 5%



### DETECTION PRESENCE - LIGHT 100%

#### Módulo 2:

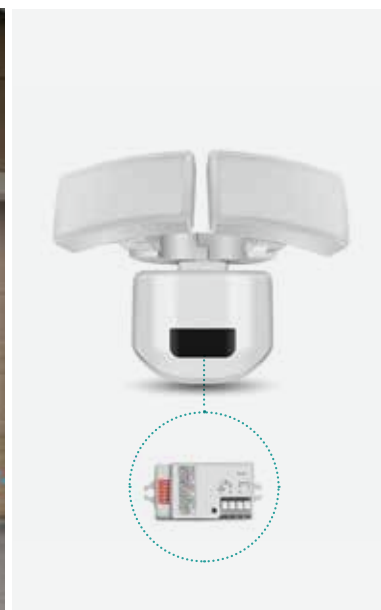
Liga automaticamente quando anoitece ficando com o fluxo luminoso de 5%, aumentando para 100% com detecção de movimento.



WATTS	CCT	LUMENS	BEAM ANGLE	DETECTION ANGLE	CHARGING TIME	DISCHARGING TIME	BATTERY	SIZE	MATERIAL	MOUNTING TYPE	SOLAR PANEL	COLOR	BOX QTY	SKU
1.5W	6000K	220lm	90°	120° (6m)	6H	10H	3.7V. 1200Ah	144.5x96x79mm	ABS + PC	Surface	0.8W Monocrystal Silicon Solar Panel	White	1	ILAR-00783
6.8W	6000K	800lm	90°	120° (6m)	6H	10H	3.7V. 4000Ah	270x221x109.2mm	ABS + PC	Surface	0.8W Monocrystal Silicon Solar Panel	White	1	ILAR-00784

# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## ZED SENSOR



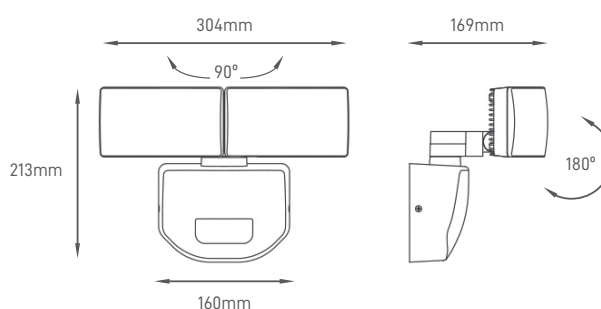
Luminária de Presença Exterior com potência total de 24W dividida em 2 projetores direcionáveis (120°) com detecção de movimento e sistema de acabamento anti-corrosivo para uma adaptação e durabilidade a diferentes ambientes exteriores.

Exterior Presence Luminaire with total power of 24W divided into 2 directional projectors (120°) with motion detection and anti-corrosive finishing system for adaptation and durability to different outdoor environments.

Luminária de Presença Exterior con potencia total de 24W dividida en 2 proyectores direccionables (120°) con detección de movimiento y sistema de acabado anticorrosivo para una adaptación y durabilidad a diferentes ambientes exteriores.

WATTS	24W
CCT	4000K
TOTAL LUMINOUS FLUX	2050 Lm
LUMINOUS EFFICACY	-
BEAM ANGLE	120°
CRI	>80
IP	IP65
VOLTAGE	220-240V 50/60Hz
SIZE	304x213x160mm
ADJUSTABLE ANGLES	YES
PROTECTION CLASS	Class II
PROTECTION CLASS IK	-
SENSOR LIGHT	YES
MOTION SENSOR	150° Radar Sensor
NOMINAL LIFETIME	30000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	>20000
ENERGY LABEL	A++
LED BRAND	Epistar LED
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	ABS & PC
COLOR	White
BOX QUANTITY	1 pc / carton
GROSS WEIGHT	-
SKU	ILAR-00780

### TECHNICAL DRAWING



FOCOS DIRECIONÁVEL  
ADJUSTABLE ANGLES  
ÁNGULOS AJUSTABLES

### PRESENCE SENSOR

ALCANCE DA DETEÇÃO  
Detection Area / Área de detección

1-2

TEMPO DE ESPERA  
Hold Time / Hora de Espera

3-4

SENSIBILIDADE À LUZ DO DIA  
Daylight Sensor / Sensor de Luz Natural

5-6





# TULIP

DIE-CASTING ALUMINIUM IP54

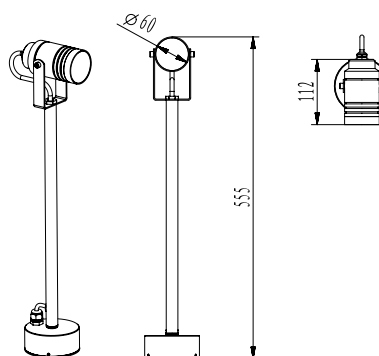
Holofote exterior de parede que acolhe uma lâmpada GU10 (não incluída). Design moderno, alumínio de fundição injetada, elevados níveis de proteção (IP54 e IK06) e forte resistência à corrosão.

Exterior wall spotlight that houses a GU10 lamp (not included). Modern design, die-cast aluminum, high levels of protection (IP54 and IK06) and strong corrosion resistance.

Proyector de pared exterior que alberga una lámpara GU10 (no incluida). Diseño moderno, aluminio fundido a presión, altos niveles de protección (IP54 e IK06) y gran resistencia a la corrosión.

WATTS	MAX 35W
TYPE OF BULB	1X GU10
TOTAL LUMINOUS FLUX	-
LUMINOUS EFFICACY	-
BEAM ANGLE	-
CRI	-
IP	IP54
VOLTAGE	AC100-240V
SIZE	Ø60x112x95x555mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
POWER FACTOR	-
NOMINAL LIFETIME	-
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	Die-casting aluminium Extruded aluminum profiles Clear tempered glass
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00824

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	GU10 7W 4000K	ILAR-00326
	GU10 38° 6W 4000K	ILAR-00551
	GU10 5W 4000K	ILAR-00332

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.

# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## ELM

DIE-CASTING ALUMINIUM

IP54

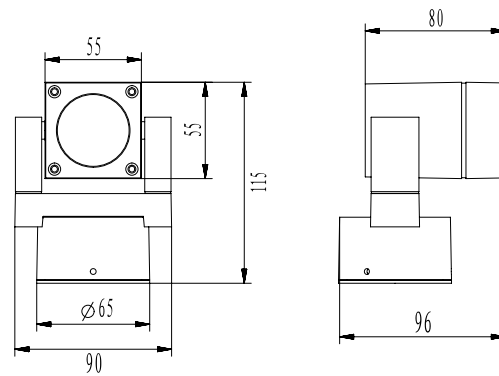
Projector exterior de parede que acolhe uma lâmpada GU10 (não incluída). Design moderno, alumínio de fundição injetada, elevados níveis de proteção (IP54 e IK06) e forte resistência à corrosão.

Exterior wall-mounted spotlight that houses a GU10 lamp (not included). Modern design, die-cast aluminum, high levels of protection (IP54 and IK06) and strong corrosion resistance.

Proyector de pared exterior que alberga una lámpara GU10 (no incluida). Diseño moderno, aluminio fundido a presión, altos niveles de protección (IP54 e IK06) y gran resistencia a la corrosión.

WATTS	MAX 35W
TYPE OF BULB	1X GU10
TOTAL LUMINOUS FLUX	-
LUMINOUS EFFICACY	-
BEAM ANGLE	-
CRI	-
IP	IP54
VOLTAGE	AC100-240V
SIZE	Ø65x90x55x115mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
POWER FACTOR	-
NOMINAL LIFETIME	-
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	Die-casting aluminium Clear tempered glass
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00823

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	GU10 7W 4000K	ILAR-00326
	GU10 38° 6W 4000K	ILAR-00551
	GU10 5W 4000K	ILAR-00332

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.



# SILK

DIE-CASTING ALUMINIUM
EAGLERISE DRIVER
LED CREE
IP65

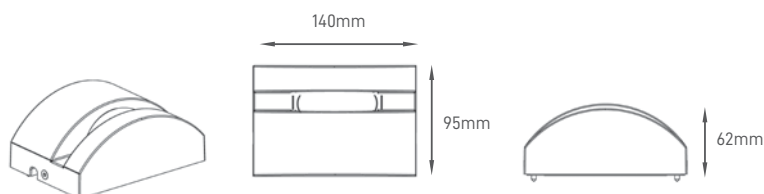
Luminária LED para janelas, portas e corredores com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK10) e forte resistência à corrosão.

Window, door and hallway LED Luminaire with a modern design, high-reproduction LED chips, die-cast aluminum, high levels of protection (IP65 and IK10) and strong corrosion resistance.

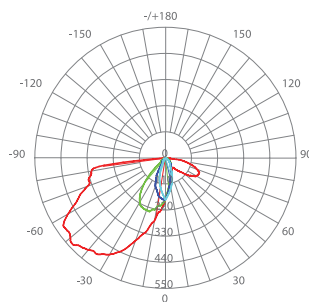
Luminaria LED de ventanas, puertas y pasillos de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK10) y gran resistencia a la corrosión.

WATTS	6W
CCT	3000K
TOTAL LUMINOUS FLUX	85lm
LUMINOUS EFFICACY	-
BEAM ANGLE	3°
CRI	≥80
IP	IP65
VOLTAGE	220-240V
SIZE	140x95x62mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK10
POWER FACTOR	-
NOMINAL LIFETIME	25000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	LED CREE
DRIVER BRAND	EAGLERISE DRIVER
MOUNTING TYPE	Surface
BODY MATERIAL	Die-casting aluminium
	Optical acrylic lens
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00819

### TECHNICAL DRAWING



### BEAM ANGLE



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## CARMO SQUARE



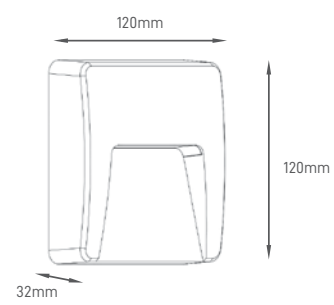
Luminária de exterior com design moderno e LEDs SMD integrados. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65.

Modern step light with integrated SMD LEDs. Made of ABS PC plastic with anticorrosion treatment and IP65 protection.

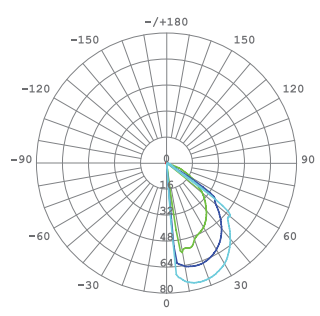
Luminária de jardim con diseño moderno y Leds SMD integrados. Elaborado en plástico ABS PC con tratamiento anticorrosivo e índice de protección IP65.

WATTS	3W	3W
CCT	4000K	4000K
TOTAL LUMINOUS FLUX	100lm	100lm
LUMINOUS EFFICACY	-	-
BEAM ANGLE	110°	110°
CRI	≥80	≥80
IP	IP65	IP65
VOLTAGE	220-240V	220-240V
SIZE	120x120x32mm	120x120x32mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	-	-
POWER FACTOR	-	-
NOMINAL LIFETIME	30000H	30000H
STARTING TIME 100% ON	-	-
ON/OFF CYCLES	-	-
ENERGY LABEL	A+	A+
LED BRAND	SMD 2835	SMD 2835
DRIVER BRAND	-	-
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	ABS + PC	ABS + PC
COLOR	White	Grey
BODY SHAPE	Square	Square
BOX QUANTITY	40 pcs / carton	40 pcs / carton
GROSS WEIGHT	-	-
SKU	ILAR-00973	ILAR-00974

### TECHNICAL DRAWING



### BEAM ANGLE





## CARMO ROUND



Luminária de exterior com design moderno e LEDs SMD integrados. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65.

Modern step light with integrated SMD LEDs. Made of ABS PC plastic with anticorrosion treatment and IP65 protection.

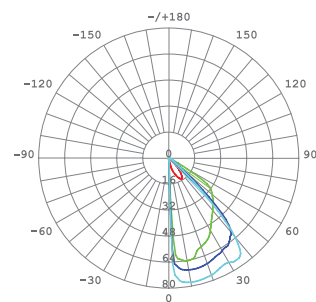
Luminária de jardín con diseño moderno y Leds SMD integrados. Elaborado en plástico ABS PC con tratamiento anticorrosivo e índice de protección IP65.

WATTS	3W	3W
CCT	4000K	4000K
TOTAL LUMINOUS FLUX	100lm	100lm
LUMINOUS EFFICACY	-	-
BEAM ANGLE	110°	110°
CRI	≥80	≥80
IP	IP65	IP65
VOLTAGE	220-240V	220-240V
SIZE	Ø135x32mm	Ø135x32mm
CUT-OUT	-	-
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	-	-
POWER FACTOR	-	-
NOMINAL LIFETIME	30000H	30000H
STARTING TIME 100% ON	-	-
ON/OFF CYCLES	-	-
ENERGY LABEL	A+	A+
LED BRAND	SMD 2835	SMD 2835
DRIVER BRAND	-	-
MOUNTING TYPE	Surface	Surface
BODY MATERIAL	ABS + PC	ABS + PC
COLOR	White	Grey
BODY SHAPE	Round	Round
BOX QUANTITY	40 pcs / carton	40 pcs / carton
GROSS WEIGHT	-	-
SKU	ILAR-00975	ILAR-00976

### TECHNICAL DRAWING



### BEAM ANGLE





# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## JADE WHITE

Luminária de exterior com design moderno e luz direta com placa smd integrada. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65.

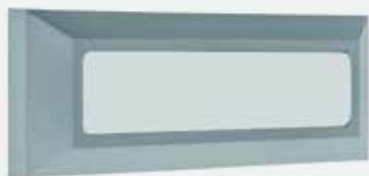
Outdoor lamp with a modern design and direct light with integrated smd plate. ABS PC plastic materials with anti-corrosion treatment and IP65 protection.

Lámpara de exterior de diseño moderno y luz directa con placa smd integrada. Materiales plásticos ABS PC con tratamiento anticorrosión y protección IP65.

PLASTIC

IP65

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	IP	IK	EOL - END OF LIFE	CLASS	VOLTAGE	SIZE	WIDTH	MATERIAL	MOUNTING TYPE	COLOR	BOX QTY	SKU
4W	4000K	280lm	110°	≥80	IP65	-	20000H	Class I	AC220-240V	230x80mm	27mm	ABS + PC	Surface	White	20	ILAR-00341



## JADE GREY

Luminária de exterior com design moderno e luz direta com placa smd integrada. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65.

Outdoor lamp with a modern design and direct light with integrated smd plate. ABS PC plastic materials with anti-corrosion treatment and IP65 protection.

Lámpara de exterior de diseño moderno y luz directa con placa smd integrada. Materiales plásticos ABS PC con tratamiento anticorrosión y protección IP65.

PLASTIC

IP65

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	IP	IK	EOL - END OF LIFE	CLASS	VOLTAGE	SIZE	WIDTH	MATERIAL	MOUNTING TYPE	COLOR	BOX QTY	SKU
4W	4000K	280lm	110°	≥80	IP65	-	20000H	Class I	AC220-240V	230x80mm	27mm	ABS + PC	Surface	Grey	20	ILAR-00340



## JADE BLACK

Luminária de exterior com design moderno e luz direta com placa smd integrada. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65.

Outdoor lamp with a modern design and direct light with integrated smd plate. ABS PC plastic materials with anti-corrosion treatment and IP65 protection.

Lámpara de exterior de diseño moderno y luz directa con placa smd integrada. Materiales plásticos ABS PC con tratamiento anticorrosión y protección IP65.

PLASTIC

IP65

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	IP	IK	EOL - END OF LIFE	CLASS	VOLTAGE	SIZE	WIDTH	MATERIAL	MOUNTING TYPE	COLOR	BOX QTY	SKU
4W	4000K	280lm	110°	≥80	IP65	-	20000H	Class I	AC220-240V	230x80mm	27mm	ABS + PC	Surface	Black	20	ILAR-00970



## HERA WHITE

Luminária de exterior com design moderno e luz indireta com placa smd integrada. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65.

Outdoor lamp with a modern design and indirect light with integrated smd plate. ABS PC plastic materials with anti-corrosion treatment and IP65 protection.

Lámpara de exterior de diseño moderno y luz indirecta con placa smd integrada. Materiales plásticos ABS PC con tratamiento anticorrosión y protección IP65.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	IP	IK	EOL - END OF LIFE	CLASS	VOLTAGE	SIZE	WIDTH	MATERIAL	MOUNTING TYPE	COLOR	BOX QTY	SKU
2W	4000K	120lm	32°	≥80	IP65	-	20000H	Class I	AC220-240V	230x80mm	27mm	ABS + PC	Surface	White	20	ILAR-00342



## HERA GREY

Luminária de exterior com design moderno e luz indireta com placa smd integrada. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65.

Outdoor lamp with a modern design and indirect light with integrated smd plate. ABS PC plastic materials with anti-corrosion treatment and IP65 protection.

Lámpara de exterior de diseño moderno y luz indirecta con placa smd integrada. Materiales plásticos ABS PC con tratamiento anticorrosión y protección IP65.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	IP	IK	EOL - END OF LIFE	CLASS	VOLTAGE	SIZE	WIDTH	MATERIAL	MOUNTING TYPE	COLOR	BOX QTY	SKU
2W	4000K	120lm	32°	≥80	IP65	-	20000H	Class I	AC220-240V	230x80mm	27mm	ABS + PC	Surface	Grey	20	ILAR-00338



## HERA BLACK

Luminária de exterior com design moderno e luz indireta com placa smd integrada. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP65.

Outdoor lamp with a modern design and indirect light with integrated smd plate. ABS PC plastic materials with anti-corrosion treatment and IP65 protection.

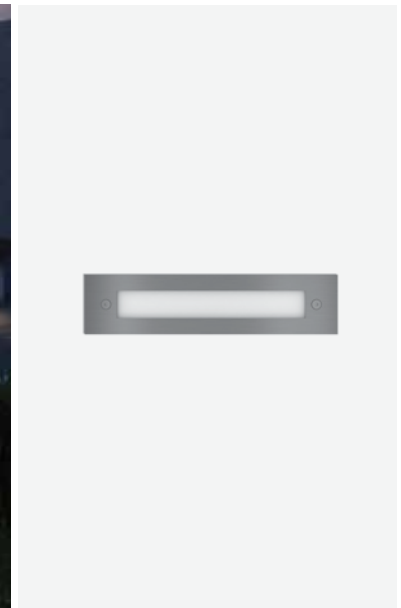
Lámpara de exterior de diseño moderno y luz indirecta con placa smd integrada. Materiales plásticos ABS PC con tratamiento anticorrosión y protección IP65.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	IP	IK	EOL - END OF LIFE	CLASS	VOLTAGE	SIZE	WIDTH	MATERIAL	MOUNTING TYPE	COLOR	BOX QTY	SKU
2W	4000K	120lm	32°	≥80	IP65	-	20000H	Class I	AC220-240V	230x80mm	27mm	ABS + PC	Surface	Black	20	ILAR-00971

# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## VITA

Luminária exterior de parede de encastrar com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK10) e forte resistência à corrosão.

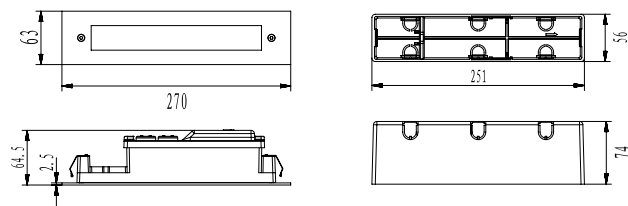
Recessed exterior wall luminaire with a modern design, high-reproduction LED chips, die-cast aluminum, high levels of protection (IP65 and IK10) and strong corrosion resistance.



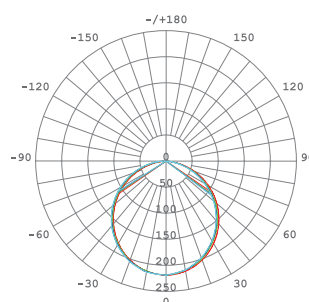
Aplique empotrado de exterior con diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK10) y gran resistencia a la corrosión.

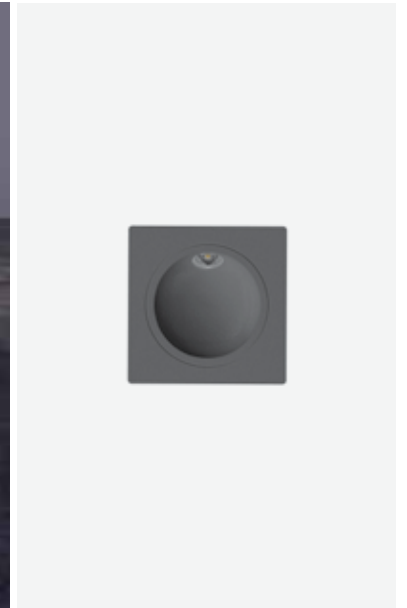
<b>WATTS</b>	<b>10W</b>
<b>CCT</b>	3000K
<b>TOTAL LUMINOUS FLUX</b>	500lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	110°
<b>CRI</b>	≥80
<b>IP</b>	IP65
<b>VOLTAGE</b>	220-240V
<b>SIZE</b>	270x65x63mm
<b>CUT-OUT</b>	251x56mm
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK10
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	25000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	LED OSRAM
<b>DRIVER BRAND</b>	EAGLERISE DRIVER
<b>MOUNTING TYPE</b>	Recessed
<b>BODY MATERIAL</b>	Die-casting aluminium Tempered glass with white matt finish 316 stainless steel
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	6 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00821

### TECHNICAL DRAWING



### BEAM ANGLE





## CEDAR

DIE-CASTING ALUMINIUM   HEP DRIVER   LED CREE   IP65

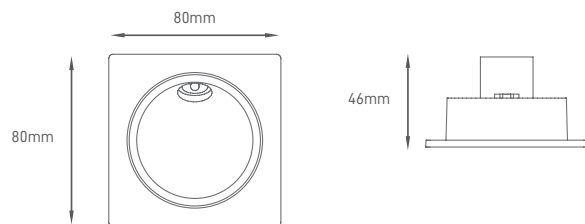
Luminária exterior de parede com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK06) e forte resistência à corrosão.

Exterior wall luminaire with a modern design, high-reproduction LED chips, die-cast aluminium, high levels of protection (IP65 and IK06) and strong corrosion resistance.

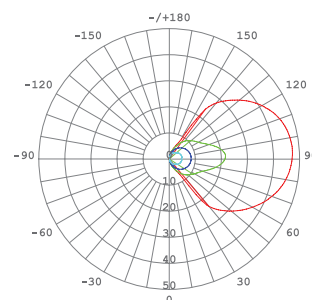
Lámpara de pared exterior de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK06) y gran resistencia a la corrosión.

WATTS	3W
CCT	3000K
TOTAL LUMINOUS FLUX	100lm
LUMINOUS EFFICACY	-
BEAM ANGLE	100°
CRI	≥80
IP	IP65
VOLTAGE	220-240V
SIZE	80x80x46mm
CUT-OUT	Ø74mm
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK6
POWER FACTOR	-
NOMINAL LIFETIME	25000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	LED CREE
DRIVER BRAND	HEP DRIVER
MOUNTING TYPE	Recessed
BODY MATERIAL	Die-casting aluminium Clear tempered glass
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00822

### TECHNICAL DRAWING

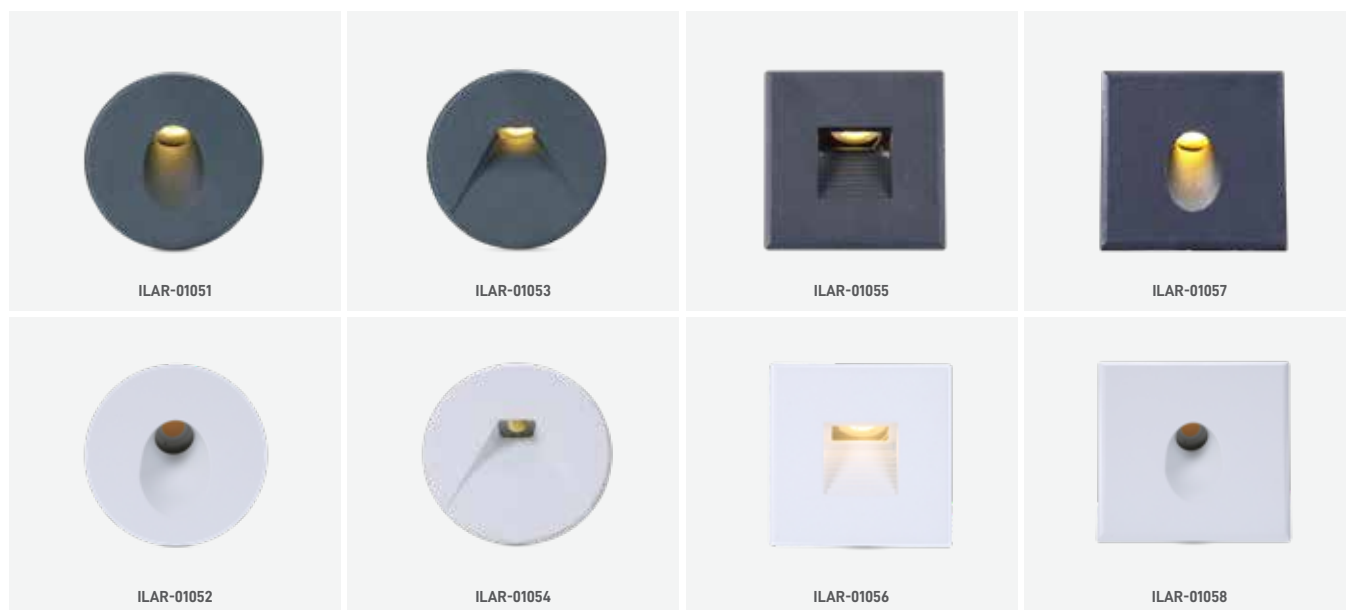


### BEAM ANGLE



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## MELLER CCT

Luminária exterior de parede com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP44 e IK06) e forte resistência à corrosão.

Exterior wall luminaire with a modern design, high-reproduction LED chips, die-cast aluminum, high levels of protection (IP44 and IK06) and strong corrosion resistance.

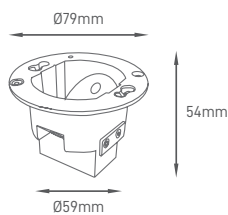
DIE-CASTING ALUMINIUM    EPISTAR LED    IP65

Lámpara de pared exterior de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP44 e IK06) y gran resistencia a la corrosión.

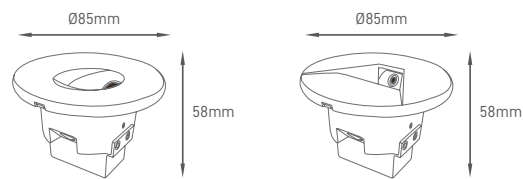
<b>WATTS</b>	<b>3W</b>
<b>CCT</b>	Switch 3000K / 4000K / 6000K
<b>TOTAL LUMINOUS FLUX</b>	120lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	38°
<b>CRI</b>	≥80
<b>IP</b>	IP65
<b>VOLTAGE</b>	AC175-265V 50/60Hz
<b>SIZE</b>	Ø85x58mm
<b>CUT-OUT</b>	Ø59x54mm
<b>PROTECTION CLASS</b>	Class II
<b>PROTECTION CLASS IK</b>	IK6
<b>POWER FACTOR</b>	0.5
<b>NOMINAL LIFETIME</b>	25000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	Epistar LED
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Recessed
<b>BODY MATERIAL</b>	Die-cast Aluminum
<b>COLOR</b>	Grey / White
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	6 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-01050

### TECHNICAL DRAWING

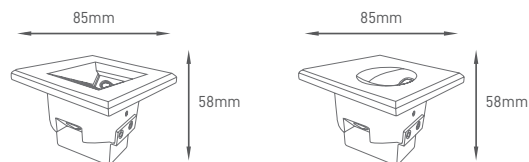
#### BASE



#### MODELO REDONDO / ROUND MODEL / MODELO REDONDO



#### MODELO QUADRADO / SQUARE MODEL / MODELO CUADRADO



Disponível em Junho-2021 | Available in June-2021 | Disponible en Junio-2021

# EASY FAST

Escolha a cor, o modelo,  
selecione a temperatura de  
cor e faça a montagem à sua  
maneira.

Choose the color, the model,  
select the color temperature  
and mount it your way.

Elige el color, el modelo,  
selecciona la temperatura del  
color y móntalo a tu manera.

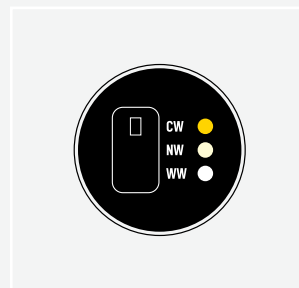
## 1 BASE

ONE BASE | UNA BASE



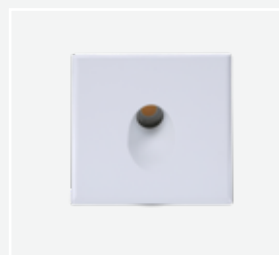
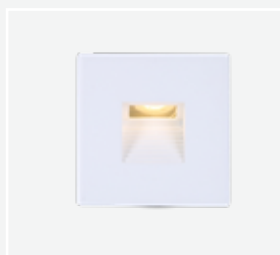
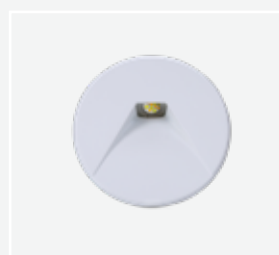
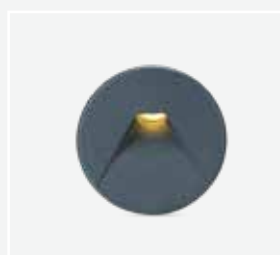
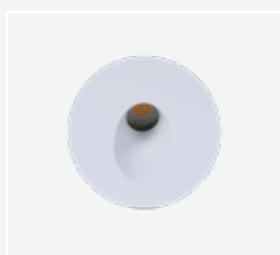
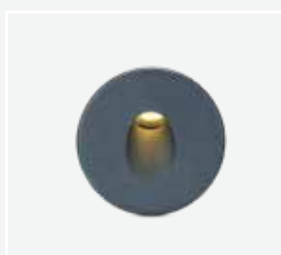
## 3 CORES

3 COLORS | 3 COLORES



## 8 MODELOS DE ESCOLHA

8 MODELS TO CHOOSE FROM | 8 MODELOS PARA ELEGIR



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## CALY

DIE-CASTING ALUMINIUM   EAGLERISE DRIVER   LED OSRAM   IP65

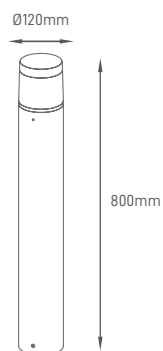
Luminária LED Exterior de Jardim com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK10), forte resistência à corrosão.

Exterior Garden LED light fixture with modern design, high reproduction LED chips, die-cast aluminum, high levels of protection (IP65 and IK10), strong corrosion resistance.

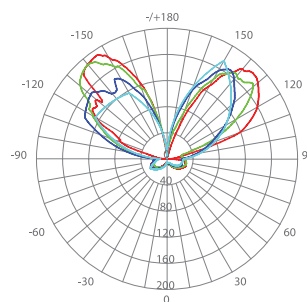
Luminária LED de Jardim, de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK10), fuerte resistencia a la corrosión.

<b>WATTS</b>	<b>12W</b>
<b>CCT</b>	3000K
<b>TOTAL LUMINOUS FLUX</b>	650lm
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	360°
<b>CRI</b>	≥80
<b>IP</b>	IP65
<b>VOLTAGE</b>	220-240V
<b>SIZE</b>	Ø120x800mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK10
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	25000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	LED OSRAM
<b>DRIVER BRAND</b>	EAGLERISE DRIVER
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	Die-casting aluminium Extruded aluminum profiles Clear polycarbonate diffuser
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	6 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00829

### TECHNICAL DRAWING



### BEAM ANGLE





## TERY

DIE-CASTING ALUMINIUM    EAGLERISE DRIVER    LED OSRAM    IP65

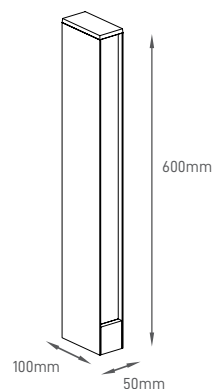
Luminária LED Exterior de Jardim com design moderno, chips LED de elevada reprodução, alumínio de fundição injetada, elevados níveis de proteção (IP65 e IK10), forte resistência à corrosão. Emite luz em duas direcções: para a frente (7W) e para trás (7W).

Exterior Garden LED light fixture with modern design, high reproduction LED chips, die-cast aluminum, high levels of protection (IP65 and IK10), strong corrosion resistance. Emits light in two directions: forward (7W) and backward (7W).

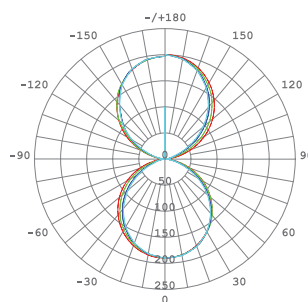
Luminaria LED de Jardim, de diseño moderno, chips LED de alta reproducción, aluminio fundido a presión, altos niveles de protección (IP65 e IK10), fuerte resistencia a la corrosión. Emite luz en dos direcciones: hacia adelante (7W) y hacia atrás (7W).

WATTS	2X 6W
CCT	3000K
TOTAL LUMINOUS FLUX	1020lm
LUMINOUS EFFICACY	-
BEAM ANGLE	2x 110°
CRI	≥80
IP	IP65
VOLTAGE	220-240V
SIZE	100x50x600mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK10
POWER FACTOR	-
NOMINAL LIFETIME	25000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	LED OSRAM
DRIVER BRAND	EAGLERISE DRIVER
MOUNTING TYPE	Surface
BODY MATERIAL	Die-casting aluminium Extruded aluminum profiles Opal polycarbonate diffuser
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00830

### TECHNICAL DRAWING



### BEAM ANGLE





# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## SHIRA



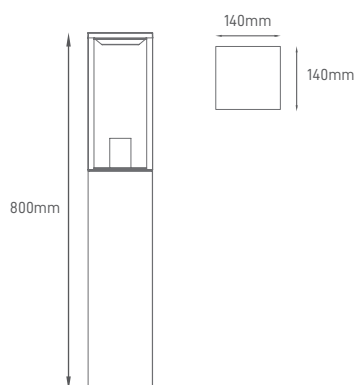
Luminária com design moderno, alumínio de fundição injetada, elevados níveis de proteção (IP65) e forte resistência à corrosão.

Luminaire with modern design, die-cast aluminium, high levels of protection (IP65) and strong corrosion resistance.


Luminaria de diseño moderno, aluminio fundido a presión, altos niveles de protección (IP65) y gran resistencia a la corrosión.

<b>WATTS</b>	<b>MAX 25W</b>
<b>TYPE OF BULB</b>	1X E27
<b>TOTAL LUMINOUS FLUX</b>	-
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	-
<b>CRI</b>	-
<b>IP</b>	IP65
<b>VOLTAGE</b>	AC100-240V
<b>SIZE</b>	800x140x140mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK08
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	-
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	-
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	Aluminium/Glass
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	10 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	<b>ILAR-00874</b>

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	A100 4W FILAMENT	ILAR-00741

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.



## LIV



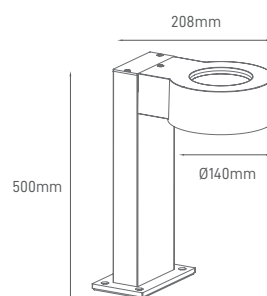
Luminária de arquitetura elegante com emissão de luz dupla. O alumínio oferece excelente uma excelente dissipação térmica. A proteção IP65 à prova de água é adequada para o jardim ao ar livre.

Stylish architectural, luminaire with double-sided light design. Aluminum material provides excellent thermal management. IP65 waterproof is suitable for outside garden.

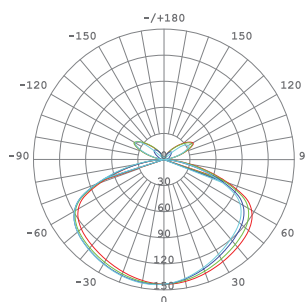
Luminária de arquitectura elegante con diseño de luz de doble face. El material de aluminio proporciona una excelente gestión térmica. IP65 a prueba de agua es adecuado para jardín exterior.

WATTS	8W
CCT	3000K
TOTAL LUMINOUS FLUX	655lm
LUMINOUS EFFICACY	85lm/W
BEAM ANGLE	120°
CRI	≥80
IP	IP65
VOLTAGE	AC85-265V
SIZE	500x208xØ140mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK10
POWER FACTOR	-
NOMINAL LIFETIME	25000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	Aluminium
COLOR	Black RAL 9005
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00993

### TECHNICAL DRAWING



### BEAM ANGLE



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## MOSS 431 BLACK



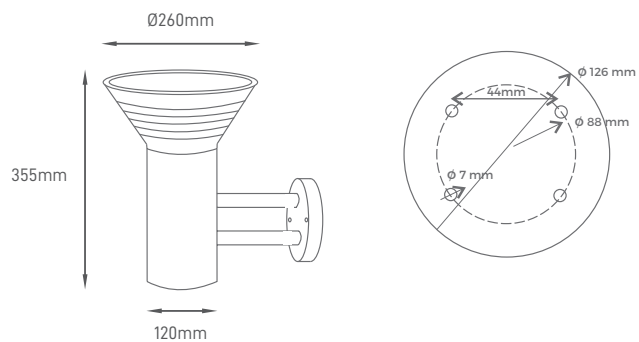
Luminárias Solar, com desempenho profissional, em alumínio fundido, anticorrosão, anti-oxidação e difusor com proteção contra grandes impactos e bateria LiFePO4 de Lítio que ultrapassa os 2000 ciclos.

Garden Solar, with professional performance, in die-casting aluminium, anti-corrosion, anti-oxidation, diffuser with protection against big impacts and the LiFePO4 Lithium battery exceeds 2000 cycles.

Luminarias Solar, con desempeño profesional, en aluminio fundido, anticorrosión, anti-oxidación, difusor con protección contra grandes impactos y la batería LiFePO4 de Litio supera los 2000 ciclos.

WATTS	3.5W
CCT	4000K
TOTAL LUMINOUS FLUX	385-435lm
BEAM ANGLE	360°
DISCHARGING TIME	10H
SENSOR	YES
BATTERY	6.4V, 4.5AH LifePo4 Lithium
SOLAR PANEL	0.8W Monocrystal Silicon Solar Panel
IP	IP65
CHARGING TIME	6H (AM1.5, 1000W/m2, 25°)
SIZE	Ø260x335x120mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK10
POWER FACTOR	-
NOMINAL LIFETIME	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	6063 Aluminium
COLOR	Black
BODY SHAPE	-
BOX QUANTITY	1 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00431

### TECHNICAL DRAWING





## MOSS SOLAR 430



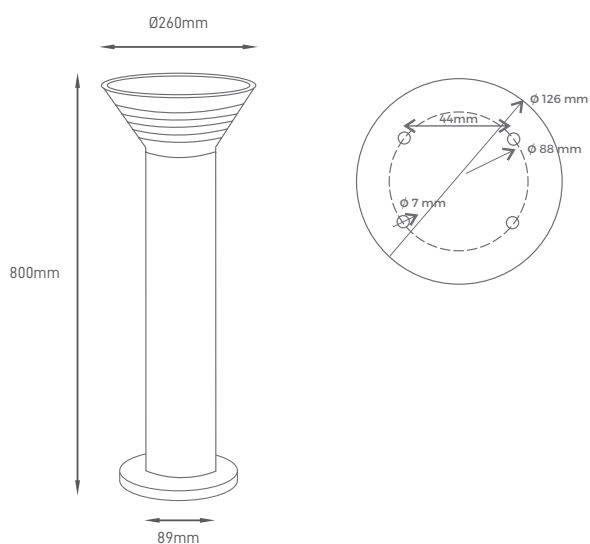
Luminárias Solar, com desempenho profissional, em alumínio fundido, anticorrosão, anti-oxidação e difusor com proteção contra grandes impactos e bateria LiFePO4 de Lítio que ultrapassa os 2000 ciclos.

Garden Solar, with professional performance, in die-casting aluminium, anti-corrosion, anti-oxidation, diffuser with protection against big impacts and the LiFePO4 Lithium battery exceeds 2000 cycles.

Luminárias Solar, con desempeño profesional, en aluminio fundido, anticorrosión, anti-oxidación, difusor con protección contra grandes impactos y la batería LiFePO4 de Lítio supera los 2000 ciclos.

WATTS	3.5W
CCT	4000K
TOTAL LUMINOUS FLUX	385-435lm
BEAM ANGLE	360°
DISCHARGING TIME	10H
SENSOR	YES
BATTERY	6.4V, 4.5AH LifePo4 Lithium
SOLAR PANEL	0.8W Monocrystal Silicon Solar Panel
IP	IP65
CHARGING TIME	6H (AM1.5, 1000W/m <sup>2</sup> , 25°)
SIZE	☑️ Ø260x800x89mm
CUT-OUT	🔪 -
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK10
POWER FACTOR	-
NOMINAL LIFETIME	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	6063 Aluminium
COLOR	Black
BODY SHAPE	-
BOX QUANTITY	1 pcs / carton
GROSS WEIGHT	-
SKU	▮▮▮▮ ILAR-00430

### TECHNICAL DRAWING



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## IRIS SOLAR 432



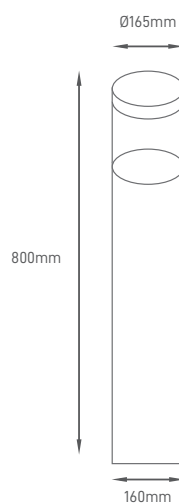
Luminárias Solar, com desempenho profissional, em alumínio fundido, anticorrosão, anti-oxidação e difusor com proteção contra grandes impactos e bateria LiFePO4 de Lítio que ultrapassa os 2000 ciclos.

Garden Solar, with professional performance, in die-casting aluminium, anti-corrosion, anti-oxidation, diffuser with protection against big impacts and the LiFePO4 Lithium battery exceeds 2000 cycles.

Luminarias Solar, con desempeño profesional, en aluminio fundido, anticorrosión, anti-oxidación, difusor con protección contra grandes impactos y la batería LiFePO4 de Litio supera los 2000 ciclos.

<b>WATTS</b>	<b>3.5W</b>
<b>CCT</b>	4000K
<b>TOTAL LUMINOUS FLUX</b>	235-255lm
<b>BEAM ANGLE</b>	360°
<b>DISCHARGING TIME</b>	10H
<b>SENSOR</b>	YES
<b>BATTERY</b>	6.4V, 4.5AH LifePo4 Lithium
<b>SOLAR PANEL</b>	0.8W Monocrystal Silicon Solar Panel
<b>IP</b>	IP65
<b>CHARGING TIME</b>	8H (AM1.5, 1000W/m <sup>2</sup> , 25°)
<b>SIZE</b>	Ø165x800x160mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK10
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	-
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	6063 Aluminium
<b>COLOR</b>	Black
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	1 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00432

### TECHNICAL DRAWING





# LOTUS 433 SOLAR



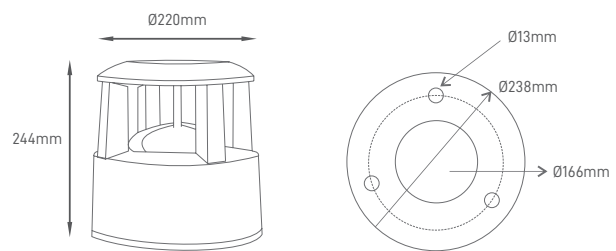
Luminárias Solar, com desempenho profissional, em alumínio fundido, anticorrosão, anti-oxidação e difusor com proteção contra grandes impactos e bateria LiFePO4 de Lítio que ultrapassa os 2000 ciclos.

Garden Solar, with professional performance, in die-casting aluminium, anti-corrosion, anti-oxidation, diffuser with protection against big impacts and the LiFePO4 Lithium battery exceeds 2000 cycles.

Luminarias Solar, con desempeño profesional, en aluminio fundido, anticorrosión, anti-oxidación, difusor con protección contra grandes impactos y la batería LiFePO4 de Lítio supera los 2000 ciclos.

WATTS	1.8W
CCT	4000K
TOTAL LUMINOUS FLUX	235-255lm
BEAM ANGLE	360°
DISCHARGING TIME	10H
SENSOR	YES
BATTERY	6.4V, 4.5AH LifePo4 Lithium
SOLAR PANEL	0.8W Monocrystal Silicon Solar Panel
IP	IP65
CHARGING TIME	8H (AM1.5, 1000W/m², 25°)
SIZE	☑️ Ø220x244mm
CUT-OUT	🔧 -
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK10
POWER FACTOR	-
NOMINAL LIFETIME	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	6063 Aluminium
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	1 pcs / carton
GROSS WEIGHT	-
SKU	▮▮▮▮ ILAR-00433

## TECHNICAL DRAWING



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR




## AGAVE SMD



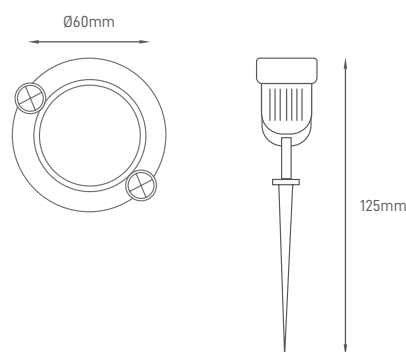
Linha de jardim com design moderno. Materiais em alumínio com tratamento anticorrosivo e protecção IP66.

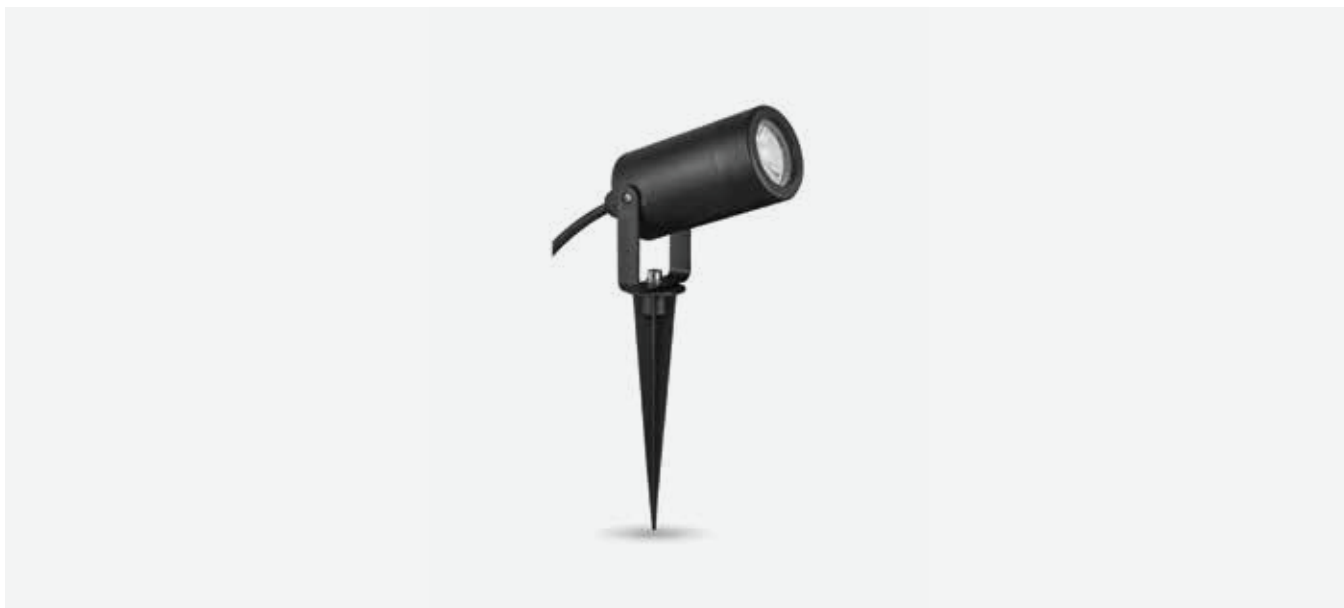
Garden line with modern design. Made of aluminium with anticorrosion treatment and IP66 protection.

Linha de jardim de diseño moderno. Elaborado en aluminio con tratamiento anticorrosivo e índice de protección IP66.

<b>WATTS</b>	<b>3W</b>
<b>CCT</b>	4000K
<b>TOTAL LUMINOUS FLUX</b>	240lm
<b>LUMINOUS EFFICACY</b>	80lm/W
<b>BEAM ANGLE</b>	120°
<b>CRI</b>	≥80
<b>IP</b>	IP65
<b>VOLTAGE</b>	220-240V
<b>SIZE</b>	Ø60x125mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class II
<b>PROTECTION CLASS IK</b>	IK09
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	20000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	-
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Recessed
<b>BODY MATERIAL</b>	Aluminium
<b>COLOR</b>	Black
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	10 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	 ILAR-00359

### TECHNICAL DRAWING





# AGAVE GU10



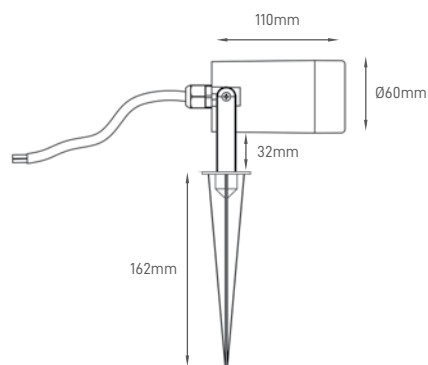
Linha de jardim com design moderno. Materiais em plástico ABS PC com tratamento anticorrosivo e protecção IP66.

Garden line with modern design. Made of ABS PC plastic with anticorrosion treatment and IP66 protection.

Linha de jardín de diseño moderno. Elaborado en plástico ABS PC con tratamiento anticorrosivo e índice de protección IP66.

<b>WATTS</b>	<b>MAX 7W</b>
<b>TYPE OF BULB</b>	1X GU10
<b>TOTAL LUMINOUS FLUX</b>	-
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	-
<b>CRI</b>	-
<b>IP</b>	IP66
<b>VOLTAGE</b>	AC100-240V
<b>SIZE</b>	Ø60x110x32x162mm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class II
<b>PROTECTION CLASS IK</b>	IK06
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	-
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	-
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Recessed
<b>BODY MATERIAL</b>	Plastic
<b>COLOR</b>	Black
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	20 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	<b>ILAR-00339</b>

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

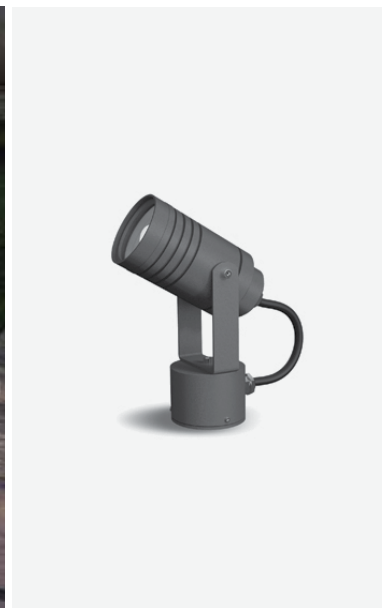
	DESCRIPTION	SKU
	GU10 7W 4000K	<b>ILAR-00326</b>
	GU10 38° 6W 4000K	<b>ILAR-00551</b>
	GU10 5W 4000K	<b>ILAR-00332</b>

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.



# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR




## RYE

Projector de Jardim que acolhe um lâmpada GU10 (não incluída). Design moderno, alumínio de fundição injetada, elevados níveis de proteção (IP54 e IK06) e forte resistência à corrosão.

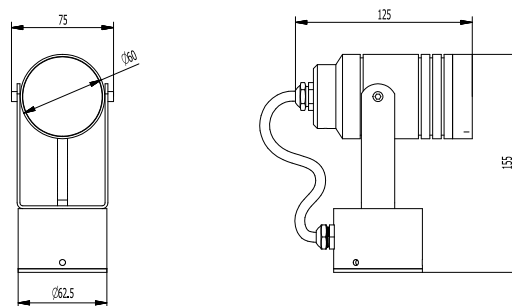
Garden spotlight that houses a GU10 lamp (not included). Modern design, die-cast aluminum, high levels of protection (IP54 and IK06) and strong corrosion resistance.

DIE-CASTING ALUMINIUM IP54 GU10 

Proyector de jardín que alberga una lámpara GU10 (no incluida). Diseño moderno, aluminio fundido a presión, altos niveles de protección (IP54 e IK06) y gran resistencia a la corrosión.

WATTS	MAX 35W
TYPE OF BULB	1X GU10
TOTAL LUMINOUS FLUX	-
LUMINOUS EFFICACY	-
BEAM ANGLE	-
CRI	-
IP	IP54
VOLTAGE	AC100-240V
SIZE	Ø60x125x75x155mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK06
POWER FACTOR	-
NOMINAL LIFETIME	-
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	Die-casting aluminium
	Clear tempered glass
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	 ILAR-00825

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	GU10 7W 4000K	ILAR-00326
	GU10 38° 6W 4000K	ILAR-00551
	GU10 5W 4000K	ILAR-00332

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.



# VALL

DIE-CASTING ALUMINIUM   LED CREE   IP67

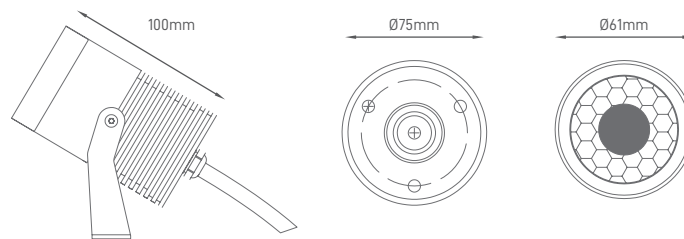
Projector de Jardim com elevada potência (LED CREE 15W), feixe de luz de 25°, construído em alumínio anodizado e proteção IP67 que permite estar em contacto direto com a água.

Garden projector with high power (LED CREE 15W), 25° light beam, built in anodized aluminum and IP67 protection that allows to be in direct contact with water.

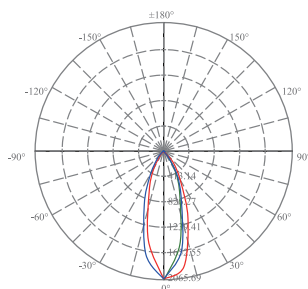
Projector de Jardim de Alta Potência (CREE LED 15W), haz de luz de 25°, construído en aluminio anodizado y protección IP67 que permite estar en contacto directo con el agua.

WATTS	15W
CCT	3000K
TOTAL LUMINOUS FLUX	1200lm
LUMINOUS EFFICACY	-
BEAM ANGLE	60°
CRI	≥80
IP	IP67
VOLTAGE	AC100-265V
SIZE	Ø61x100mm
CUT-OUT	-
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK04
POWER FACTOR	-
NOMINAL LIFETIME	25000H
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	LED CREE
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	High Purity Aluminium
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	18 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00862

### TECHNICAL DRAWING



### BEAM ANGLE



### RECOMMENDED ACCESSORIES

DESCRIPTION	SKU
ESPIGÃO JARDIM GARDEN SPIKE JARDÍN	ILAR-00892
SIZE: Ø40 X 165MM	

# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



PAREDE | WALL | PARED



CHÃO | FLOOR | SUELO

## LEO SOLAR



Luminária Solar de Jardim com dois projetores orientáveis e diferentes possibilidades de instalação (parede, chão). A Bateria de 4.500mAh e o painel solar de 5v 3.5W policristalino garantem uma utilização de elevada longevidade.

Solar Garden Lamp with two orientable projectors and different installation possibilities (wall, floor). The 4.500mAh battery and the 5v 3.5W polycrystalline solar panel guarantee a long-lasting use.

Lámpara Solar de Jardín con dos proyectores orientables y diferentes posibilidades de instalación (pared, suelo). La batería de 4.500mAh y el panel solar policristalino de 5v 3.5W garantizan un uso duradero.

<b>WATTS</b>	<b>12W</b>
<b>CCT</b>	6000K
<b>TOTAL LUMINOUS FLUX</b>	800lm
<b>BEAM ANGLE</b>	360°
<b>DISCHARGING TIME</b>	10H
<b>SENSOR</b>	YES
<b>BATTERY</b>	4.500mAh LifePo4 Lithium
<b>SOLAR PANEL</b>	Polycrystalline 5V 3.5W 18% efficiency
<b>IP</b>	IP65
<b>VOLTAGE</b>	220-240V
<b>SIZE</b>	76.45x17.52x14.73cm
<b>CUT-OUT</b>	-
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK10
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	25000H
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	-
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	Plastic / PVC
<b>COLOR</b>	Black
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	1 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	ILAR-00268

### TECHNICAL DRAWING



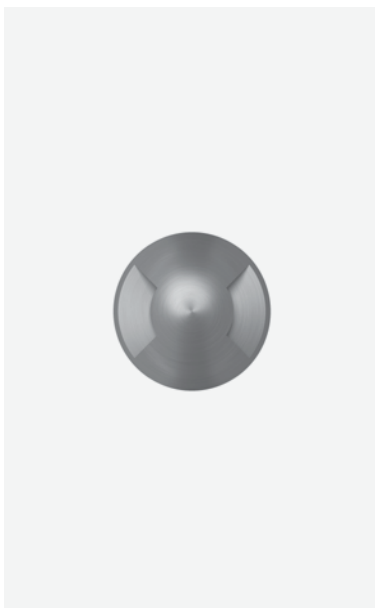
### ACCESSORIES INCLUDED



CHÃO | FLOOR | SUELO



PAREDE | WALL | PARED



# LUNA



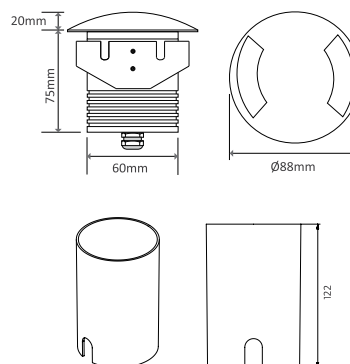
Luminária Exterior de encastrar no solo em Aço Inox 316 que acolhe uma lâmpada GU10 (não incluída). Tem elevados níveis de proteção (IP67 e IK08) e forte resistência à corrosão.

Exterior recessed floor luminaire made of Stainless Steel 316 that houses a GU10 lamp (not included). It has high levels of protection (IP67 and IK08) and strong corrosion resistance.

Lâmpara de pie empotrada de acero Inoxidable 316 que aloja una lâmpara GU10 (no incluida). Tiene altos niveles de protección (IP67 e IK08) y una fuerte resistencia a la corrosión.

WATTS	MAX 35W
TYPE OF BULB	1X GU10
TOTAL LUMINOUS FLUX	-
LUMINOUS EFFICACY	-
BEAM ANGLE	-
CRI	-
IP	IP67
VOLTAGE	AC100-240V
SIZE	Ø88x120mm
CUT-OUT	Ø80mm
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK08
POWER FACTOR	-
NOMINAL LIFETIME	-
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Recessed
BODY MATERIAL	Clear tempered glass Solid aluminium profiles
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00828

## TECHNICAL DRAWING



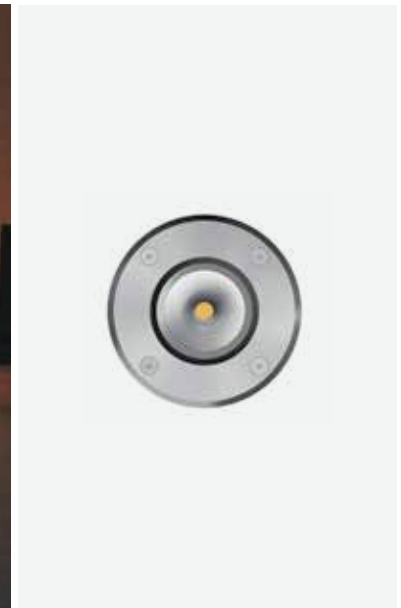
## RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	GU10 7W 4000K	ILAR-00326
	GU10 38° 6W 4000K	ILAR-00551
	GU10 5W 4000K	ILAR-00332

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.

# OUTDOOR

EXTERIOR | OUTDOOR | EXTERIOR



## LUPE



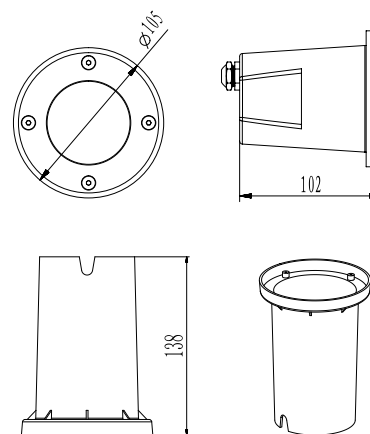
Luminária exterior de encastrar no solo em Aço Inox 316 que acolhe uma lâmpada GU10 (não incluída). Tem elevados níveis de proteção (IP67 e IK08) e forte resistência à corrosão.

Exterior recessed floor luminaire made of Stainless Steel 316 that houses a GU10 lamp (not included). It has high levels of protection (IP67 and IK08) and strong corrosion resistance.

Lâmpara de pie empotrada de Acero Inoxidable 316 que alberga una lâmpada GU10 (no incluída). Tiene altos niveles de protección (IP67 e IK08) y una fuerte resistencia a la corrosión.

WATTS	MAX 35W
TYPE OF BULB	1X GU10
TOTAL LUMINOUS FLUX	-
LUMINOUS EFFICACY	-
BEAM ANGLE	-
CRI	-
IP	IP67
VOLTAGE	AC100-240V
SIZE	Ø105x102mm
CUT-OUT	Ø101mm
PROTECTION CLASS	Class I
PROTECTION CLASS IK	IK08
POWER FACTOR	-
NOMINAL LIFETIME	-
STARTING TIME 100% ON	-
ON/OFF CYCLES	-
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Recessed
BODY MATERIAL	Die-casting aluminium Clear tempered glass 316 stainless steel
COLOR	Grey
BODY SHAPE	-
BOX QUANTITY	6 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00826

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	GU10 7W 4000K	ILAR-00326
	GU10 38° 6W 4000K	ILAR-00551
	GU10 5W 4000K	ILAR-00332

\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluídas.




# OAK



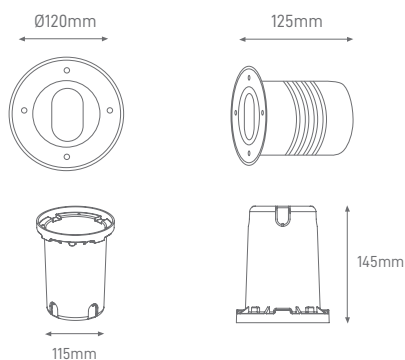
Luminária exterior de encastrar no solo em Aço Inox 316 que acolhe uma lâmpada GU10 (não incluída). O ângulo da luz é ajustável (-15° a +15°) e tem elevados níveis de proteção (IP67 e IK08) e forte resistência à corrosão.

Exterior recessed floor luminaire made of Stainless Steel 316 that houses a GU10 lamp (not included). The angle of light is adjustable (-15° to +15°) and it has high levels of protection (IP67 and IK08) and strong corrosion resistance.

Lámpara de pie empotrada de Acero Inoxidable 316 que alberga una lámpara GU10 (no incluida). El ángulo de luz es ajustable (-15° a +15°) y tiene altos niveles de protección (IP67 e IK08) y una fuerte resistencia a la corrosión.

<b>WATTS</b>	<b>MAX 35W</b>
<b>TYPE OF BULB</b>	1X GU10
<b>TOTAL LUMINOUS FLUX</b>	-
<b>LUMINOUS EFFICACY</b>	-
<b>BEAM ANGLE</b>	-
<b>CRI</b>	-
<b>IP</b>	IP67
<b>VOLTAGE</b>	AC100-240V
<b>SIZE</b>	Ø120x125mm
<b>CUT-OUT</b>	Ø115mm
<b>PROTECTION CLASS</b>	Class I
<b>PROTECTION CLASS IK</b>	IK08
<b>POWER FACTOR</b>	-
<b>NOMINAL LIFETIME</b>	-
<b>STARTING TIME 100% ON</b>	-
<b>ON/OFF CYCLES</b>	-
<b>ENERGY LABEL</b>	A+
<b>LED BRAND</b>	-
<b>DRIVER BRAND</b>	-
<b>MOUNTING TYPE</b>	Surface
<b>BODY MATERIAL</b>	Die-casting aluminium Clear tempered glass 316 stainless steel
<b>COLOR</b>	Grey
<b>BODY SHAPE</b>	-
<b>BOX QUANTITY</b>	6 pcs / carton
<b>GROSS WEIGHT</b>	-
<b>SKU</b>	 <b>ILAR-00827</b>

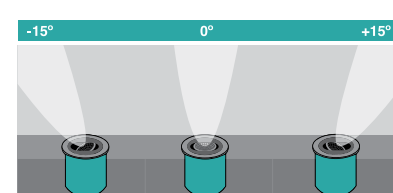
### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES

	DESCRIPTION	SKU
	GU10 7W 4000K	<b>ILAR-00326</b>
	GU10 38° 6W 4000K	<b>ILAR-00551</b>
	GU10 5W 4000K	<b>ILAR-00332</b>

### ANGLE ADJUSTMENT



\*Lâmpadas não incluídas / Lamps not included / Lámparas no incluidas.



# **SENSORES DE MOVIMENTO E PRESENÇA**

SENSORES

MOTION DETECTOR

SENSORES



# ENERGY SAVE

# WE CARE

## GUIA DE SENSORES ARONLIGHT

Na nossa linha, irá encontrar o sensor de movimento ou iluminação que se adapta a qualquer área e controla a sua iluminação de forma eficiente.

*In our range, you will find the Motion or Lighting Sensor that will fit any area and control your lighting efficiently.*

*En nuestra gama, encontrará el sensor de gestión de movimiento o iluminación que se adaptará a cualquier área y controlará su iluminación de manera eficiente.*







# DEFINA O ESPAÇO

DEFINE YOUR SPACE | DEFINE TU ESPACIO

Para cada zona existe uma solução de sensor de acordo com as suas especificidades. A Altura, tamanho, luz natural, decoração ou atividades executadas nesse local são fatores a ter em conta aquando da escolha do sensor ideal.

For each zone there is a sensor solution according to its specificities. Height, size, natural light, decoration or activities carried out at that location are factors to be taken into account when choosing the ideal sensor.

Para cada zona hay una solución de sensor según sus especificidades. La altura, el tamaño, la luz natural, la decoración o las actividades que se realizan en ese lugar son factores a tener en cuenta a la hora de elegir el sensor ideal.



## INDÚSTRIA PARKING ESCADAS

INDUSTRY | PARKING | STAIRS  
INDUSTRIA | ESTACIONAMIENTO | ESCALERA



## ESCRITÓRIOS ARMAZÉM CASAS DE BANHO

OFFICES | WAREHOUSE | BATHROOMS  
OFICINAS | ALMACÉN | BAÑOS

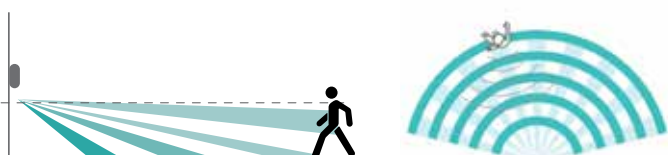


# ESCOLHA O SENSOR

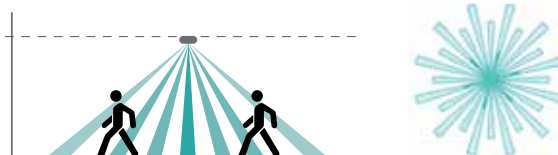
CHOOSE THE SENSOR | ELIGE EL SENSOR

INSTALAÇÃO | INSTALLATION | INSTALACIÓN

PAREDE | WALL | PARED



TETO | CEILING | TECHO



TECNOLOGIA | TECHNOLOGY | TECNOLOGÍA

## DETECTOR INFRAVERMELHOS PASSIVO (PIR)

A Tecnologia funciona com deteção de calor. As pessoas emitem energia sob a forma de radiação electromagnética que é detetada pelo sensor e ele activa.

**VANTAGENS:** Áreas exteriores.

**LIMITAÇÕES:** Este tipo de sensores só funcionam com o objecto de detecção à vista.

Technology works with heat detection. People emit energy in the form of electromagnetic radiation that is detected by the sensor and activates it.

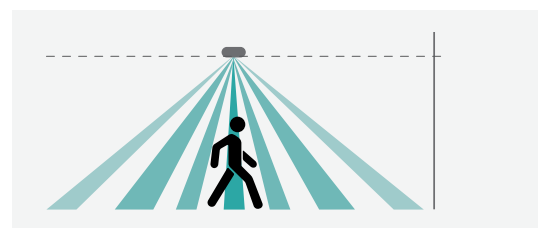
**ADVANTAGES:** Outdoor areas.

**LIMITATIONS:** This type of sensors only work with the detection object in sight.

La tecnología funciona con la detección de calor. Las personas emiten energía en forma de radiación electromagnética que es detectada por el sensor y lo activa.

**VENTAJAS:** Zonas exteriores.

**LIMITACIONES:** Este tipo de sensores solo funcionan con el objeto de detección a la vista.



## DETECTOR MICRO-ONDAS (MICROWAVE)

A tecnologia do detetor micro-ondas envia ondas de alta frequência e analisa o padrão de retorno. Funciona como um radar, emitindo e recebendo o sinal com origem numa antena.

**VANTAGENS:** Maior detecção, maior tempo de vida e pode passar plástico e vidro.

**LIMITAÇÕES:** Não é aconselhável o uso no exterior e em espaços interiores pequenos.

The microwave detector technology sends high frequency waves and analyzes the return pattern. It works like a radar, emitting and receiving the signal from an antenna.

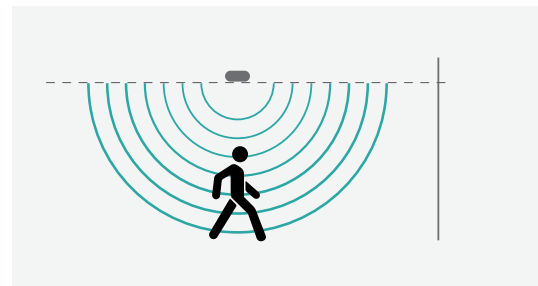
**ADVANTAGES:** Greater detection, longer life and can pass plastic and glass.

**LIMITATIONS:** It is not advisable to use it outdoors and in small interior spaces.

A tecnologia do detetor micro-ondas envia ondas de alta frequência e analisa o padrão de retorno. Funciona como um radar, emitindo e recebendo o sinal com origem numa antena.

**VANTAGENS:** Maior detecção, maior tempo de vida e pode passar plástico e vidro.

**LIMITAÇÕES:** Não é aconselhável o uso no exterior e em espaços interiores pequenos.



CARACTERÍSTICAS | CHARACTERISTICS | CARACTERISTICAS



### DAYLIGHT

A luminária acenderá caso a intensidade luminosa ambiente não exceder o valor de Lux escolhidos.

The luminaire will come on if the ambient light intensity does not exceed the chosen Lux value.

La luminaria se encenderá si la intensidad de la luz ambiental no supera el valor de Lux elegido.



### TIME DELAY

Tempo que a luminária permanece acesa após última detecção.

Time the luminaire remains on after last detection.

Tiempo que permanece encendida la luminaria después de la última detección.



### SENSIBILIDADE

Reduzir ou aumentar a área de detecção e o poder de detecção.

Reduce or increase the detection area and the detection power.

Reducir o aumentar el área de detección y la potencia de detección.



### STAND-BY DIMMING

Período de tempo e potência que a luminária fica ligada até se desligar.

Time and power that the luminaire remains on until it is turned off.

Tiempo y potencia que la luminaria permanece encendida hasta que se apaga.

# SENSORES DE MOVIMENTO E PRESENÇA

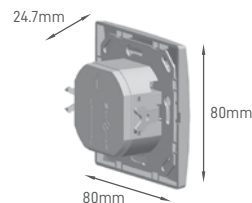
SENSORES | MOTION DETECTOR | SENSORES



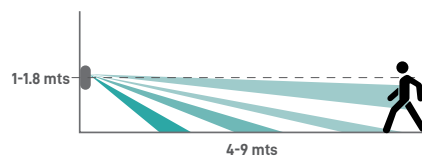
## ST02A

Índice de Protecção / IP Rating / Grado Protección	IP20
Ângulo Detecção / Detecion Angle / Ángulo Detección	160°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	500W
Alcance Detecção / Detecion Distance / Distancia Detección	4-9 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10S - 7 min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	1-1.8 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Sim
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	80x80x24.7mm
Furo / Cut-Out / Hueco	48.5x48.5mm
SKU	ILAR-00118

### TECHNICAL DRAWING



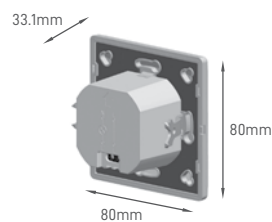
### DETECTION RANGE



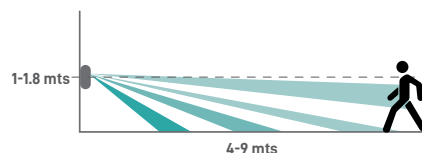
## ST31

Índice de Protecção / IP Rating / Grado Protección	IP20
Ângulo Detecção / Detecion Angle / Ángulo Detección	190°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	500W
Alcance Detecção / Detecion Distance / Distancia Detección	4-9 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10S - 7 min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	1-1.8 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Sim
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	80x80x33.1mm
Furo / Cut-Out / Hueco	48x48mm
SKU	ILAR-00495

### TECHNICAL DRAWING



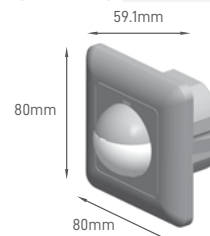
### DETECTION RANGE



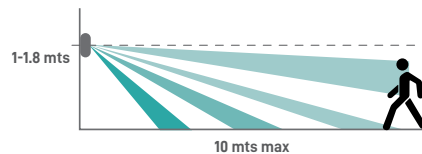
## ST31C

Índice de Protecção / IP Rating / Grado Protección	-
Ângulo Detecção / Detecion Angle / Ángulo Detección	190°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	500W
Alcance Detecção / Detecion Distance / Distancia Detección	10 mts max.
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s-7min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	1-1.8m
Dimming	-
Período Standby / Stand-by Dimming / Iluminación Standby	-
Nível Standby Dimming / Stand-by Dimming Level	-
Limitador Detecção / Detection Range / Ajuste Distancia	-
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	80x80x59.1mm
Furo / Cut-Out / Hueco	50x50mm
SKU	ILAR-01059

### TECHNICAL DRAWING



### DETECTION RANGE

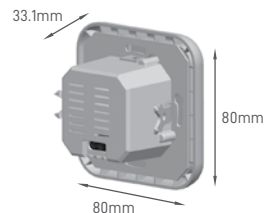




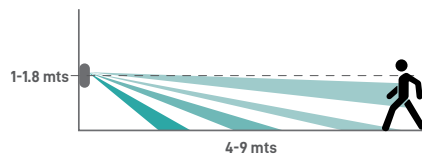
## ST32

Índice de Protecção / IP Rating / Grado Protección	IP20
Ângulo Detecção / Detecion Angle / Ángulo Detección	160°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	500W
Alcance Detecção / Detecion Distance / Distancia Detección	9 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s-7 min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	1-1.8mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Sim
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	80x80x33.1mm
Furo / Cut-Out / Hueco	48x48mm
SKU	ILAR-00258

### TECHNICAL DRAWING



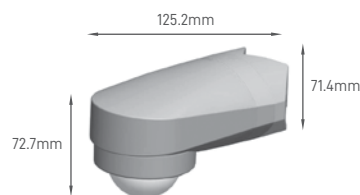
### DETECTION RANGE



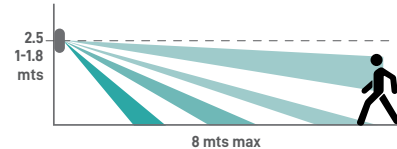
## ST18B

Índice de Protecção / IP Rating / Grado Protección	IP65
Ângulo Detecção / Detecion Angle / Ángulo Detección	240°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	1200W
Alcance Detecção / Detecion Distance / Distancia Detección	8 mts max.
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s-15min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	1.8-2.5m
Dimming	-
Período Standby / Stand-by Dimming / Iluminación Standby	-
Nível Standby Dimming / Stand-by Dimming Level	-
Limitador Detecção / Detection Range / Ajuste Distancia	-
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	-
Tamanho / Size / Tamaño	125.2x72.7x17.4mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-01061

### TECHNICAL DRAWING



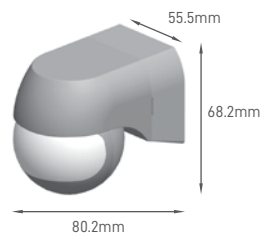
### DETECTION RANGE



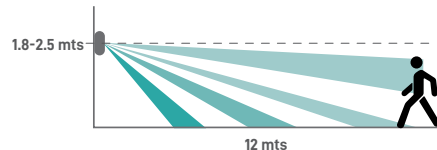
## ST11

Índice de Protecção / IP Rating / Grado Protección	IP44
Ângulo Detecção / Detecion Angle / Ángulo Detección	180°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	800W
Alcance Detecção / Detecion Distance / Distancia Detección	12 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s-15min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	1.8-2.5 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Não
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	80.2x55.5x68.2mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00257

### TECHNICAL DRAWING



### DETECTION RANGE



# SENSORES DE MOVIMENTO E PRESENÇA

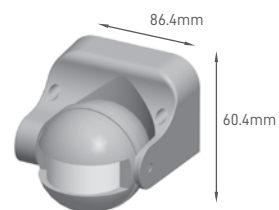
SENSORES | MOTION DETECTOR | SENSORES



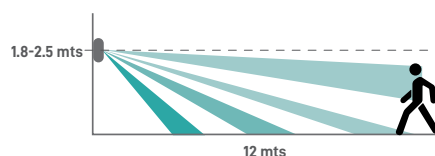
## ST09

Índice de Protecção / IP Rating / Grado Protección	IP44
Ângulo Detecção / Detecion Angle / Ángulo Detección	180°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	1200W
Alcance Detecção / Detecion Distance / Distancia Detección	12 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s-7min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	1.8-2.5 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Não
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	PIR
Tamanho / Size / Tamaño	86.4x60.4mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00121

### TECHNICAL DRAWING



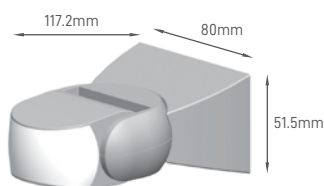
### DETECTION RANGE



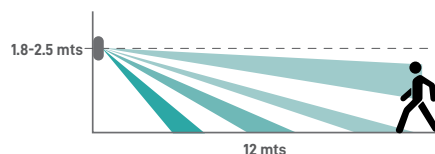
## ST15

Índice de Protecção / IP Rating / Grado Protección	IP65
Ângulo Detecção / Detecion Angle / Ángulo Detección	180°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	1200W
Alcance Detecção / Detecion Distance / Distancia Detección	12 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s-15min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	1.8-2.5 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Não
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	117.2x80x51.5mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00304

### TECHNICAL DRAWING



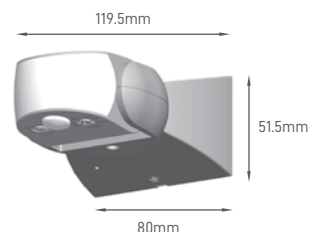
### DETECTION RANGE



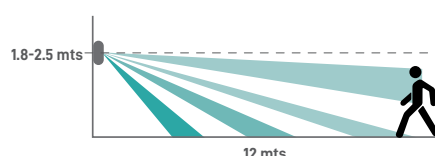
## ST15E

Índice de Protecção / IP Rating / Grado Protección	IP65
Ângulo Detecção / Detecion Angle / Ángulo Detección	180° / 360°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	1200W
Alcance Detecção / Detecion Distance / Distancia Detección	12 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s-15min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	1.8-2.5 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Não
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	119.5x80x51.5mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00570

### TECHNICAL DRAWING



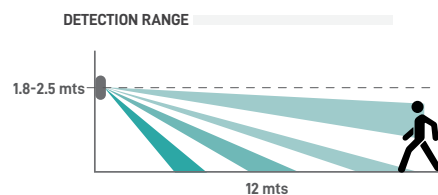
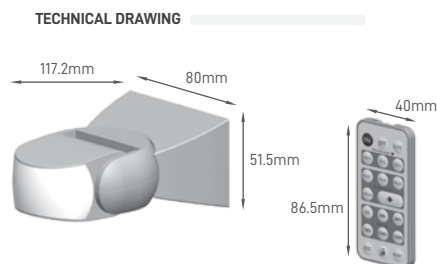
### DETECTION RANGE





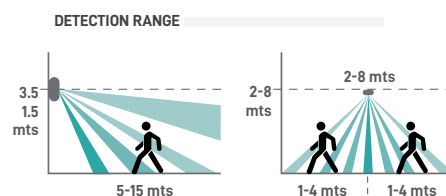
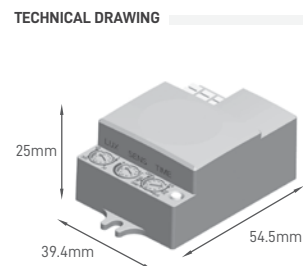
## ST15D COM COMANDO

<b>Índice de Protecção</b> / IP Rating / Grado Protección	IP65
<b>Ângulo Detecção</b> / Detecion Angle / Ángulo Detección	180°
<b>Carga Máxima Suportada</b> / Rated Load / Cargas Compatibles	1200W
<b>Alcance Detecção</b> / Detecion Distance / Distancia Detección	12 mts
<b>Ajuste de Tempo</b> / Delay Time / Ajuste de Tiempo	10s-30min
<b>Sensibilidade à Luz Ambiente</b> / Ambient Lighting / Ajuste Crepuscular	Sim
<b>Altura de Instalação</b> / Installation Height / Altura de Instalación	1.8mts-2.5mts
<b>Dimming</b>	Não
<b>Período Standby</b> / Stand-by Dimming / Iluminación Standby	Não
<b>Nível Standby Dimming</b> / Stand-by Dimming Level	Não
<b>Limitador Detecção</b> / Detection Range / Ajuste Distancia	Sim
<b>Aplicação</b> / Installation / Montaje	Parede
<b>Tecnologia</b> / Type / Tecnología	Infravermelhos
<b>Comando</b> / Remote Control / Control Remoto	Sim
<b>Tamanho</b> / Size / Tamaño	Sim
<b>Furo</b> / Cut-Out / Hueco	119.5x80x51.5mm
<b>SKU</b>	ILAR-00571



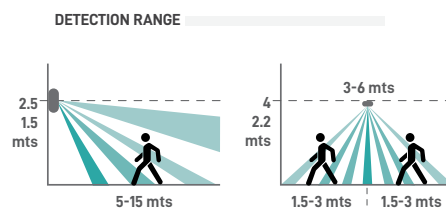
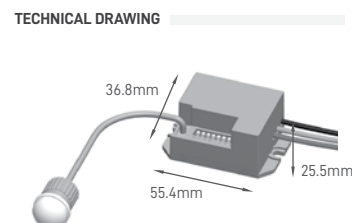
## ST701E

<b>Índice de Protecção</b> / IP Rating / Grado Protección	IP20
<b>Ângulo Detecção</b> / Detecion Angle / Ángulo Detección	180° / 360°
<b>Carga Máxima Suportada</b> / Rated Load / Cargas Compatibles	1200W
<b>Alcance Detecção</b> / Detecion Distance / Distancia Detección	5-15 mts Parede 1-8 mts Tecto
<b>Ajuste de Tempo</b> / Delay Time / Ajuste de Tiempo	10s-12min
<b>Sensibilidade à Luz Ambiente</b> / Ambient Lighting / Ajuste Crepuscular	Sim
<b>Altura de Instalação</b> / Installation Height / Altura de Instalación	Parede 1.5-3.5 mts Tecto 2-8 mts
<b>Dimming</b>	Não
<b>Período Standby</b> / Stand-by Dimming / Iluminación Standby	Não
<b>Nível Standby Dimming</b> / Stand-by Dimming Level	Não
<b>Limitador Detecção</b> / Detection Range / Ajuste Distancia	Sim
<b>Aplicação</b> / Installation / Montaje	Tecto / Parede
<b>Tecnologia</b> / Type / Tecnología	Micro-ondas
<b>Tamanho</b> / Size / Tamaño	39.4x54.5x25mm
<b>Furo</b> / Cut-Out / Hueco	-
<b>SKU</b>	ILAR-00124



## ST24

<b>Índice de Protecção</b> / IP Rating / Grado Protección	IP20
<b>Ângulo Detecção</b> / Detecion Angle / Ángulo Detección	120° / 360°
<b>Carga Máxima Suportada</b> / Rated Load / Cargas Compatibles	800W
<b>Alcance Detecção</b> / Detecion Distance / Distancia Detección	3-6 mts
<b>Ajuste de Tempo</b> / Delay Time / Ajuste de Tiempo	5s - 8min
<b>Sensibilidade à Luz Ambiente</b> / Ambient Lighting / Ajuste Crepuscular	Sim
<b>Altura de Instalação</b> / Installation Height / Altura de Instalación	1.8-2.5 mts Parede 2.2-4 mts Tecto
<b>Dimming</b>	Não
<b>Período Standby</b> / Stand-by Dimming / Iluminación Standby	Não
<b>Nível Standby Dimming</b> / Stand-by Dimming Level	Não
<b>Limitador Detecção</b> / Detection Range / Ajuste Distancia	Sim
<b>Aplicação</b> / Installation / Montaje	Parede/Tecto Falso
<b>Tecnologia</b> / Type / Tecnología	InfraVermelhos
<b>Tamanho</b> / Size / Tamaño	55.4x25.5x36.8mm
<b>Furo</b> / Cut-Out / Hueco	-
<b>SKU</b>	ILAR-00519



# SENSORES DE MOVIMENTO E PRESENÇA

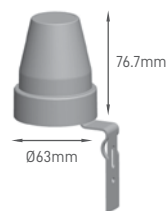
SENSORES | MOTION DETECTOR | SENSORES



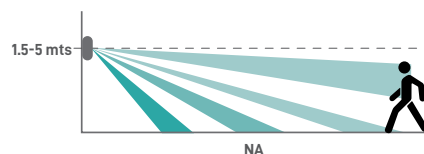
## ST302

Índice de Protecção / IP Rating / Grado Protección	IP44
Ângulo Detecção / Detecion Angle / Ángulo Detección	360°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	10A
Alcance Detecção / Detecion Distance / Distancia Detección	NA
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	NA
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	1.5-5 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Não
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	Crepuscular
Tamanho / Size / Tamaño	Ø63x76.7mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00520

### TECHNICAL DRAWING



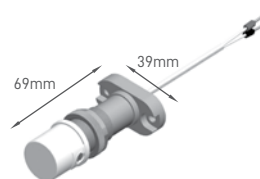
### DETECTION RANGE



## ST330 - 1-10 V

Índice de Protecção / IP Rating / Grado Protección	IP20
Ângulo Detecção / Detecion Angle / Ángulo Detección	360°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	NA
Alcance Detecção / Detecion Distance / Distancia Detección	NA
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	NA
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	-
Dimming	1%-100%
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Não
Aplicação / Installation / Montaje	Tecto Falso
Tecnologia / Type / Tecnología	Crepuscular
Tamanho / Size / Tamaño	38x69mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00606

### TECHNICAL DRAWING



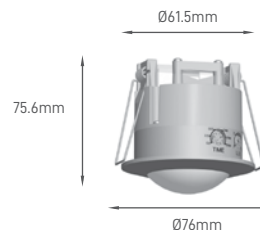
### DETECTION RANGE



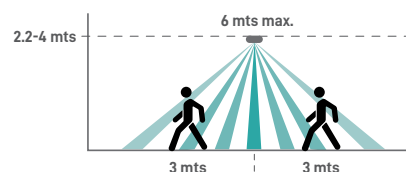
## ST41

Índice de Protecção / IP Rating / Grado Protección	IP20
Ângulo Detecção / Detecion Angle / Ángulo Detección	360°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	1200W
Alcance Detecção / Detecion Distance / Distancia Detección	6 mts max.
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s-15min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	2.2-4 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Sim
Aplicação / Installation / Montaje	Tecto Falso
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	Ø76x75.6mm
Furo / Cut-Out / Hueco	Ø61.5mm
SKU	ILAR-00120

### TECHNICAL DRAWING



### DETECTION RANGE

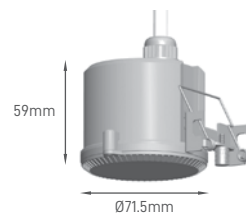




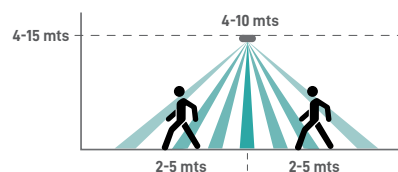
## ST759A - 1-10V

Índice de Protecção / IP Rating / Grado Protección	IP 65
Ângulo Detecção / Detecion Angle / Ángulo Detección	360°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	2000W
Alcance Detecção / Detecion Distance / Distancia Detección	4-10 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	5s-30 min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	4-15 mts
Dimming	Sim
Período Standby / Stand-by Dimming / Iluminación Standby	Sim
Nível Standby Dimming / Stand-by Dimming Level	Sim
Limitador Detecção / Detection Range / Ajuste Distancia	Sim
Aplicação / Installation / Montaje	Indústria / Garagens
Tecnologia / Type / Tecnología	Micro-ondas
Tamanho / Size / Tamaño	Ø71.5x59mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00521

### TECHNICAL DRAWING



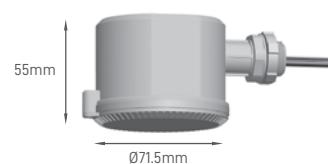
### DETECTION RANGE



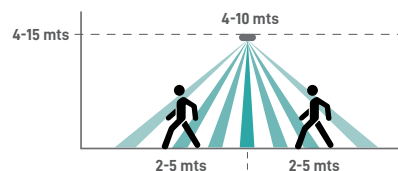
## ST759C - 1-10V

Índice de Protecção / IP Rating / Grado Protección	IP 65
Ângulo Detecção / Detecion Angle / Ángulo Detección	360°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	2000W
Alcance Detecção / Detecion Distance / Distancia Detección	4-10 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	5s - 30min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	4-15 mts
Dimming	Sim
Período Standby / Stand-by Dimming / Iluminación Standby	Sim
Nível Standby Dimming / Stand-by Dimming Level	Sim
Limitador Detecção / Detection Range / Ajuste Distancia	Sim
Aplicação / Installation / Montaje	Indústria / Garagens
Tecnologia / Type / Tecnología	Micro-ondas
Tamanho / Size / Tamaño	Ø71.5x55mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00522

### TECHNICAL DRAWING



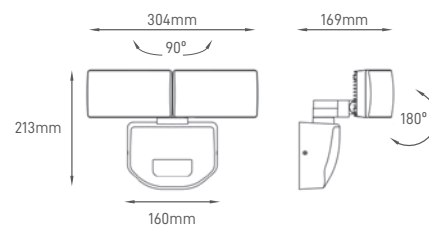
### DETECTION RANGE



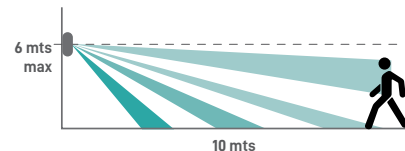
## ZED SENSOR / 24W / 4000K

Índice de Protecção / IP Rating / Grado Protección	IP65
Ângulo Detecção / Detecion Angle / Ángulo Detección	120°
Potência / Power / Potencia	24W (2050 Lm)
Alcance Detecção / Detecion Distance / Distancia Detección	10 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	Sim
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	6mts max.
Dimming	-
Período Standby / Stand-by Dimming / Iluminación Standby	-
Nível Standby Dimming / Stand-by Dimming Level	-
Limitador Detecção / Detection Range / Ajuste Distancia	-
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	-
Tamanho / Size / Tamaño	304x213x160mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00780

### TECHNICAL DRAWING



### DETECTION RANGE





# SENSORES DE MOVIMENTO E PRESENÇA

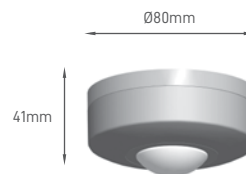
SENSORES | MOTION DETECTOR | SENSORES



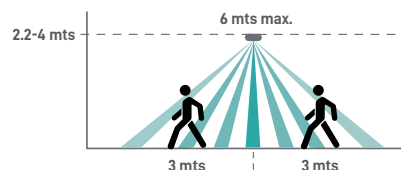
## ST05A

Índice de Protecção / IP Rating / Grado Protección	IP44
Ângulo Detecção / Detecion Angle / Ángulo Detección	360°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	1200W
Alcance Detecção / Detecion Distance / Distancia Detección	6 mts max.
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s-15min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	2.2-4 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Não
Aplicação / Installation / Montaje	Tecto
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	Ø80x41mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00119

### TECHNICAL DRAWING



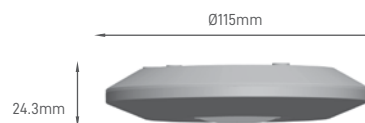
### DETECTION RANGE



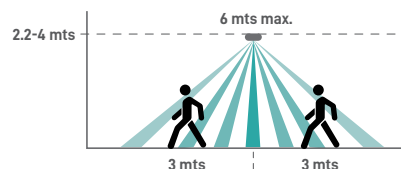
## ST05C

Índice de Protecção / IP Rating / Grado Protección	IP20
Ângulo Detecção / Detecion Angle / Ángulo Detección	360°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	2000W
Alcance Detecção / Detecion Distance / Distancia Detección	6 mts max.
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s-15min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	2.2-4 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Não
Aplicação / Installation / Montaje	Tecto
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	Ø115x24.3mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00259

### TECHNICAL DRAWING



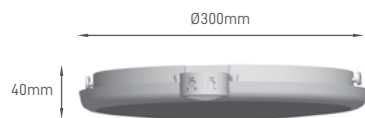
### DETECTION RANGE



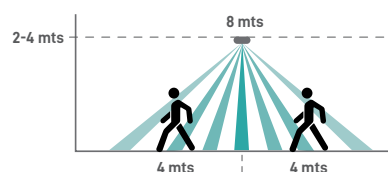
## ST74 / 20W / 4000K

Índice de Protecção / IP Rating / Grado Protección	IP65
Ângulo Detecção / Detecion Angle / Ángulo Detección	360°
Potência / Power / Potencia	20W (2500 Lm)
Alcance Detecção / Detecion Distance / Distancia Detección	8 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s -5 min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	2-4 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Não
Aplicação / Installation / Montaje	Tecto
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	Ø300x40mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-01062

### TECHNICAL DRAWING



### DETECTION RANGE

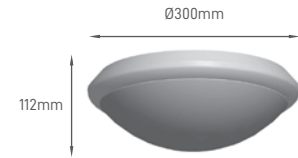




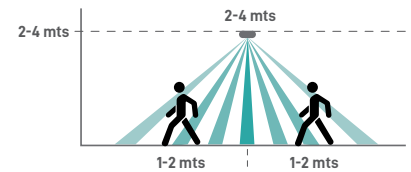
## ST705A

Índice de Protecção / IP Rating / Grado Protección	IP44
Ângulo Detecção / Detecion Angle / Ángulo Detección	360°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	60W (E27)
Alcance Detecção / Detecion Distance / Distancia Detección	2-4 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s - 12 min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	2-4 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Não
Aplicação / Installation / Montaje	Tecto
Tecnologia / Type / Tecnología	Micro-ondas
Tamanho / Size / Tamaño	Ø300x112mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00123

### TECHNICAL DRAWING



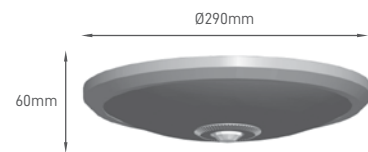
### DETECTION RANGE



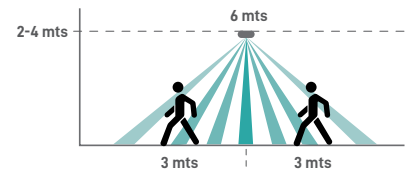
## ST77B / 16W / 4500K

Índice de Protecção / IP Rating / Grado Protección	IP20
Ângulo Detecção / Detecion Angle / Ángulo Detección	360°
Carga Máxima Suportada / Rated Load / Cargas Compatibles	16W (1150 Lm)
Alcance Detecção / Detecion Distance / Distancia Detección	6 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s - 3 min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	2-4 mts
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Não
Aplicação / Installation / Montaje	Tecto
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	Ø290x60mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-00306

### TECHNICAL DRAWING



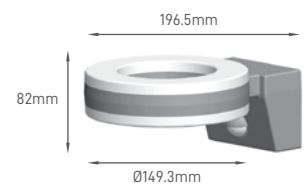
### DETECTION RANGE



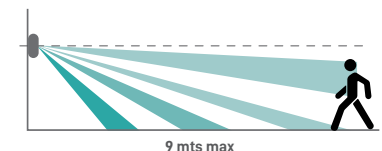
## ST92 / 20W / 4000K

Índice de Protecção / IP Rating / Grado Protección	IP65
Ângulo Detecção / Detecion Angle / Ángulo Detección	140°
Potência / Power / Potencia	20W (1700 Lm)
Alcance Detecção / Detecion Distance / Distancia Detección	-
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	3s-5min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	-
Dimming	-
Período Standby / Stand-by Dimming / Iluminación Standby	Sim
Nível Standby Dimming / Stand-by Dimming Level	Sim
Limitador Detecção / Detection Range / Ajuste Distancia	9 mts
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	-
Tamanho / Size / Tamaño	196.5xØ149.3x82mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-01060

### TECHNICAL DRAWING



### DETECTION RANGE



# SENSORES DE MOVIMENTO E PRESENÇA

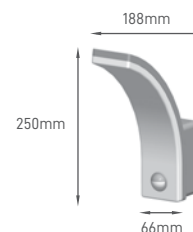
SENSORES | MOTION DETECTOR | SENSORES



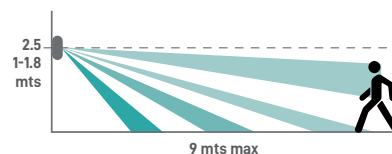
## ST53M / 20W / 4000K

Índice de Protecção / IP Rating / Grado Protección	IP65
Ângulo Detecção / Detecion Angle / Ángulo Detección	140°
Potência / Power / Potencia	20W (1800 Lm)
Alcance Detecção / Detecion Distance / Distancia Detección	9 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	3s-15min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	1.8-2.5m
Dimming	-
Período Standby / Stand-by Dimming / Iluminación Standby	Sim
Nível Standby Dimming / Stand-by Dimming Level	Sim
Limitador Detecção / Detection Range / Ajuste Distancia	-
Aplicação / Installation / Montaje	Parede
Tecnologia / Type / Tecnología	-
Tamanho / Size / Tamaño	250x188x66mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-01063

### TECHNICAL DRAWING



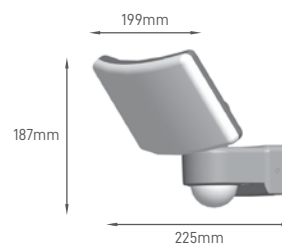
### DETECTION RANGE



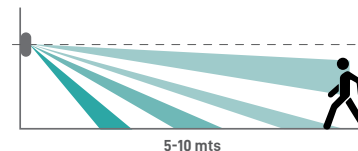
## ST61 / 30W / 4000K

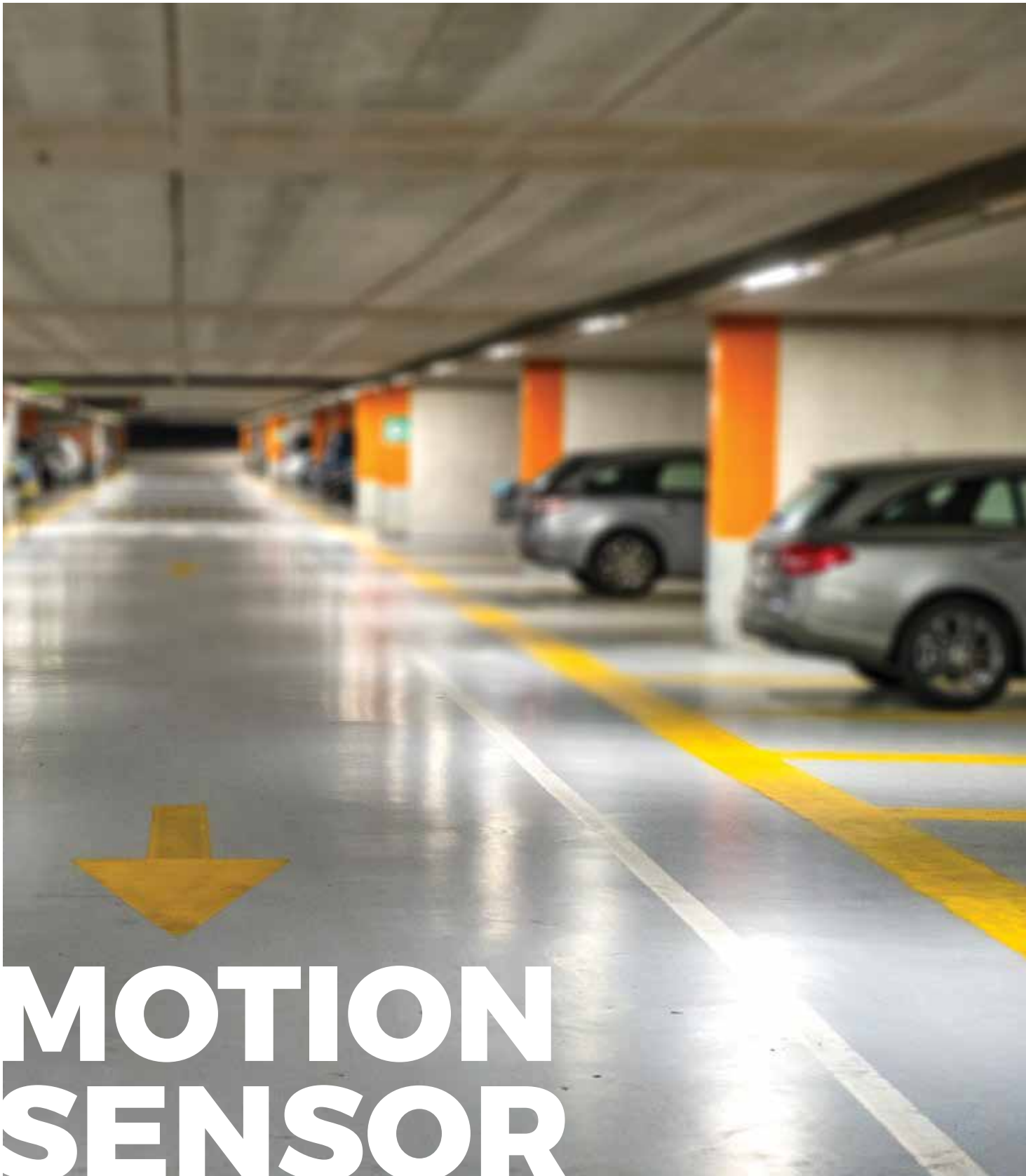
Índice de Protecção / IP Rating / Grado Protección	IP65
Ângulo Detecção / Detecion Angle / Ángulo Detección	240°
Potência / Power / Potencia	30W (2200 Lm)
Alcance Detecção / Detecion Distance / Distancia Detección	5-10 mts
Ajuste de Tempo / Delay Time / Ajuste de Tiempo	10s -15 min
Sensibilidade à Luz Ambiente / Ambient Lighting / Ajuste Crepuscular	Sim
Altura de Instalação / Installation Height / Altura de Instalación	-
Dimming	Não
Período Standby / Stand-by Dimming / Iluminación Standby	Não
Nível Standby Dimming / Stand-by Dimming Level	Não
Limitador Detecção / Detection Range / Ajuste Distancia	Não
Aplicação / Installation / Montaje	Tecto
Tecnologia / Type / Tecnología	Infravermelhos
Tamanho / Size / Tamaño	199x188x225mm
Furo / Cut-Out / Hueco	-
SKU	ILAR-01064

### TECHNICAL DRAWING



### DETECTION RANGE







# ILUMINAÇÃO DE EMERGÊNCIA

EMERGÊNCIA

EMERGENCY

EMERGENCIA



# ILUMINAÇÃO DE EMERGÊNCIA

EMERGÊNCIA LED | EMERGENCY LED | EMERGENCIA LED



## PROJETOR DE EMERGÊNCIA


750 LUMENS TELECOMANDO 3 HOURS BATTERY SELF TEST IP65

NÃO PERMANENTE | NON MAINTAINED | NO PERMANENTE

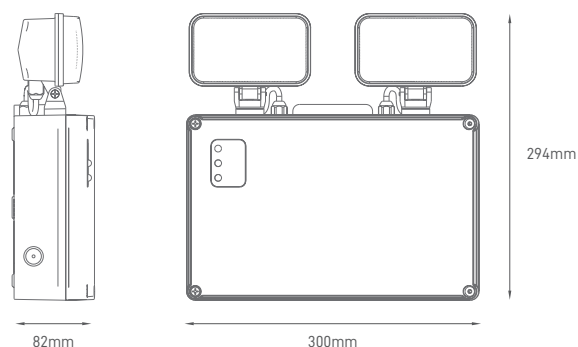
Projektor de emergência com design moderno e equipado para uso de telecomando. A sua proteção IP65 e poder luminoso de 750 lumens fazem dele um projetor versátil para qualquer lugar.

Emergency projector with modern design and equipped for use of remote control. Its IP65 protection and 750 lumens luminous power make it a versatile projector for anywhere.

Proyector de emergencia con diseño moderno y equipado para uso de mando a distancia. Su protección IP65 y su potencia luminosa de 750 lúmenes lo convierten en un proyector versátil para cualquier lugar.

POWER	6.8W
TOTAL LUMINOUS FLUX	750lm
BATTERIES	12V2.8Ah Ni-Cad Battery
IP	IP65
VOLTAGE	220-240/50-60Hz
OUTPUT VOLTAGE	24V
OUTPUT POWER	10.5W
CHARGING TIME	24H
DISCHARGING TIME	3H
SELF TEST	YES
SIZE	<input checked="" type="checkbox"/> 300x294x82mm
MAX CHANGE CURRENT(MA)	240mA
MAX DISCHARGE CURRENT(MA)	1A
LAMP	2835x56PCS
POWER FACTOR	-
NOMINAL LIFETIME	-
ON/OFF CYCLES	-
ENERGY LABEL	-
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	Polycarbonate Diffuser & ABS Housing
COLOR	White
BODY SHAPE	-
BOX QUANTITY	1 pc / carton
GROSS WEIGHT	-
SKU	 ILEM-00033

### TECHNICAL DRAWING





## SAFELUX 200Lm

PERMANENTE | MAINTAINED | PERMANENTE  
NÃO PERMANENTE | NON MAINTAINED | NO PERMANENTE

200 LUMENS   TELECOMANDO   3 HOURS BATTERY   SELF TEST   IP65

Armadura de emergência de linhas direitas equipada para uso de telecomando e pode ser convertida em bandeira. Está equipada com proteção IP65, 200 Lumens e bateria com duração de 3 horas.

Straight Desing emergency batten equipped to use with remote control and can be converted into a Edge-lit exit. It is equipped with IP65 protection, 200 Lumens and a battery lasting 3 hours.

Luminaria de emergencia equipada para uso con control remoto y convertible placa de señalización. Está equipado con protección IP65, 200 lúmenes y una batería de 3 horas de duración.

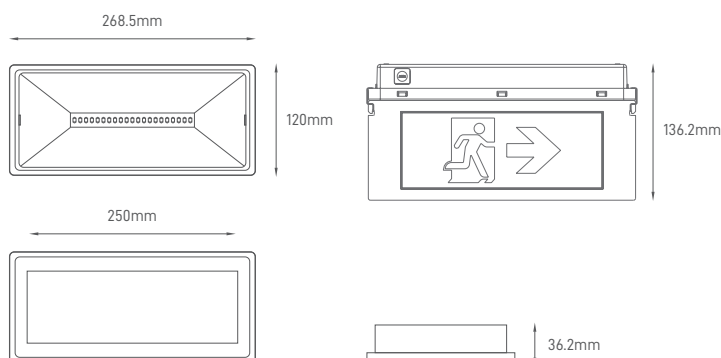
POWER	2.8W
CCT	6000-7000K
TOTAL LUMINOUS FLUX	200lm
BATTERIES	3.6V 1500mAh NI-MH
IP	IP65
VOLTAGE	220-240/50-60Hz
OUTPUT VOLTAGE	5V ±0.5V
OUTPUT POWER	3.8W
CHARGING TIME	24H
DISCHARGING TIME	3H
SELF TEST	YES
SIZE	<input checked="" type="checkbox"/> 268.5x120x36.2mm
MAX CHANGE CURRENT(MA)	MAX 200mA
MAX DISCHARGE CURRENT(MA)	MAX 500mA
LED TYPE	SMD2835 21PCS
PROTECTION CLASS	Class II
ON/OFF CYCLES	-
ENERGY LABEL	-
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	Recessed / Surface
BODY MATERIAL	Polycarbonate Diffuser & ABS Housing
COLOR	White
BODY SHAPE	Rectangular
BOX QUANTITY	1 pc / carton
GROSS WEIGHT	-
SKU	ILEM-00034

### RECOMMENDED ACCESSORIES



DESCRIPTION	SKU
Bandeira Acrílica Edge-lit exit Placa de Señalización 267x100x10mm	ILEM-00035

### TECHNICAL DRAWING



Disponível em Junho-2021 | Available in June-2021 | Disponible en Junio-2021





# ILUMINAÇÃO DE EMERGÊNCIA

EMERGÊNCIA LED | EMERGENCY LED | EMERGENCIA LED



## EASYLUX 100Lm

100 LUMENS   3 HOURS BATTERY   IP42

PERMANENTE | MAINTAINED | PERMANENTE

NÃO PERMANENTE | NON MAINTAINED | NO PERMANENTE

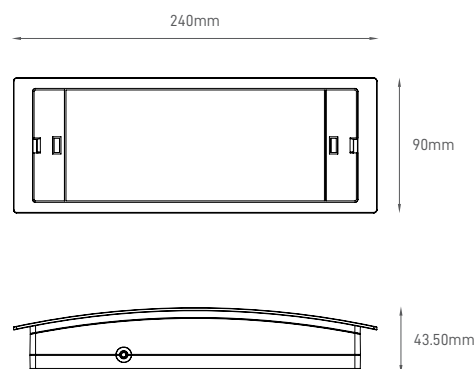
Armadura de emergência com switch permanente - não permanente, bateria de lítio com duração de 3 horas e proteção IP20.

Emergency batten with permanent - non-permanent switch, lithium battery lasting 3 hours and IP20 protection.

Armadura de emergencia con interruptor permanente - no permanente, batería de litio de 3 horas de duración y protección IP20.

<b>POWER</b>	<b>3W</b>
CCT	-
TOTAL LUMINOUS FLUX	100lm MAX
BATTERIES	3.6V 600mAh Ni-Cad Battery
IP	IP42
CRI	-
VOLTAGE	220-240V 50-60Hz
PROTECTION CLASS IK	-
OUTPUT VOLTAGE	DC 5V±0.5V
OUTPUT POWER	0.7W
CHARGING TIME	24H
DISCHARGING TIME	3H
SELF TEST	-
SIZE	240x90x43.50mm
MAX CHANGE CURRENT(MA)	100mA
MAX DISCHARGE CURRENT(MA)	280mA
POWER FACTOR	-
NOMINAL LIFETIME	-
ENERGY LABEL	-
LED BRAND	SMD 2835 / 12pcs
DRIVER BRAND	-
MOUNTING TYPE	Surface
BODY MATERIAL	Polycarbonate Diffuser & ABS Housing
COLOR	White
BODY SHAPE	Rectangular
BOX QUANTITY	1 pc / carton
SKU	<b>ILEM-00038</b>

### TECHNICAL DRAWING





## GR1 - GR2 LED P/NP

PERMANENTE | NÃO PERMANENTE

MAINTAINED | NON MAINTAINED

PERMANENTE | NO PERMANENTE

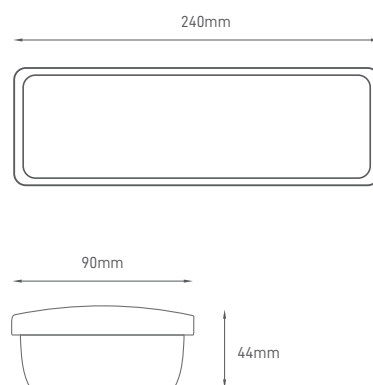


## CAIXA DE ENCASTRAR A3008

BASE FOR RECESSED MOUNTING | CAJA DE EMPOTRAR

POWER	3.1W	3.1W	CAIXA DE ENCASTRAR A3008
CCT	4000K	4000K	-
TOTAL LUMINOUS FLUX	60lm	100lm	-
BATTERIES	-	-	-
IP	IP42	IP42	IP42
CRI	>80	>80	-
VOLTAGE	220-240V	220-240V	220-240V
PROTECTION CLASS IK	IK07	IK07	-
OUTPUT POWER	-	-	-
CHARGING TIME	24H	24H	-
DISCHARGING TIME	1.30H	1.30H	-
SELF TEST	NO	NO	-
SIZE	<input checked="" type="checkbox"/> 240x90x44mm	240x90x44mm	263x110x55mm
CUT-OUT	<input checked="" type="checkbox"/> 225x87x30mm	225x87x30mm	225x87x30mm
MAX CHANGE CURRENT(MA)	-	-	-
MAX DISCHARGE CURRENT(MA)	-	-	-
POWER FACTOR	-	-	-
NOMINAL LIFETIME	-	-	-
ENERGY LABEL	-	-	-
LED BRAND	-	-	-
DRIVER BRAND	-	-	-
MOUNTING TYPE	Recessed	Recessed	Recessed
BODY MATERIAL	ABS + PC	ABS + PC	ABS + PC
COLOR	White	White	White
BODY SHAPE	Rectangular	Rectangular	Rectangular
BOX QUANTITY	1 pc / carton	1 pc / carton	1 pc / carton
SKU	<input checked="" type="checkbox"/> ILEM-00001	ILEM-00002	ILEM-00011
SKU TELECOMANDO	<input checked="" type="checkbox"/> ILEM-00003	ILEM-00030	

### TECHNICAL DRAWING



# ILUMINAÇÃO DE EMERGÊNCIA

EMERGÊNCIA LED | EMERGENCY LED | EMERGENCIA LED



## GR1935 / 15L

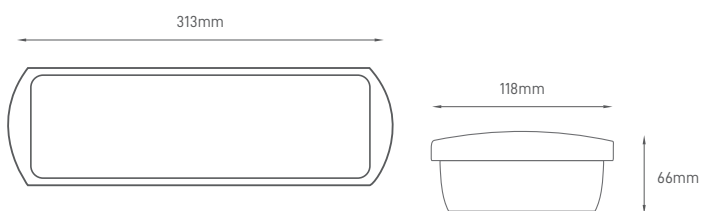
PERMANENTE | NÃO PERMANENTE

MAINTAINED | NON MAINTAINED | PERMANENTE | NO PERMANENTE

220-240 50Hz IP65

POWER	3.1W
BATTERIES	3.6V / 0.6Ah
TOTAL LUMINOUS FLUX	105lm
IP	IP65
CRI	>80
VOLTAGE	220-240V
PROTECTION CLASS IK	IK07
CHARGING TIME	24H
DISCHARGING TIME	1.30H
SELF TEST	NO
SIZE	313x118x66mm
MOUNTING TYPE	Surface
BODY MATERIAL	Bayblend FR3010, Polycarbonate
COLOR	White
BODY SHAPE	Rectangular
BOX QUANTITY	1 pc / carton
SKU	ILEM-00006

### TECHNICAL DRAWING



### RECOMMENDED ACCESSORIES



#### DESCRIPTION

Grelha de Proteção para Armadura de Emergência

350x150x100mm

#### SKU

ILEM-00036



## 2100 LED P/NP

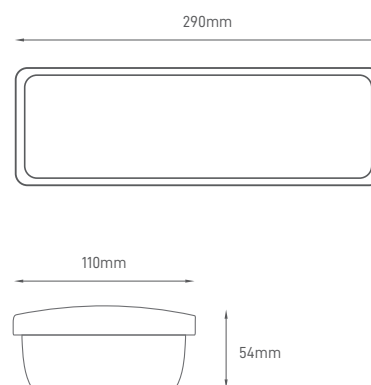
PERMANENTE | NÃO PERMANENTE

MAINTAINED | NON MAINTAINED | PERMANENTE | NO PERMANENTE



POWER	2.7W
BATTERIES	-
TOTAL LUMINOUS FLUX	100lm
IP	IP42
CRI	>80
VOLTAGE	220-240V
PROTECTION CLASS IK	IK07
CHARGING TIME	24H
DISCHARGING TIME	1.30H
SELF TEST	NO
SIZE	290x110x54mm
MOUNTING TYPE	Surface
BODY MATERIAL	ABS + PC
COLOR	White
BODY SHAPE	Rectangular
BOX QUANTITY	1 pc / carton
SKU	 ILEM-00005

### TECHNICAL DRAWING



# ILUMINAÇÃO DE EMERGÊNCIA

EMERGÊNCIA LED | EMERGENCY LED | EMERGENCIA LED



## PROJECTOR 790 LM GRL-21/R

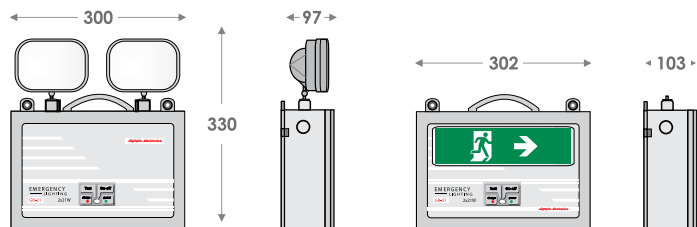
LOCATION EMERGENCY LIGHT | PROYECTORES EMERGENCIA

TELECOMANDO 220-240 50Hz ABS+PC IP42



POWER	5.6W
BATTERIES	6V / 4Ah
TOTAL LUMINOUS FLUX	790lm
IP	IP42
CRI	>80
VOLTAGE	220-240V
PROTECTION CLASS IK	-
CHARGING TIME	24H
DISCHARGING TIME	1.5H
SELF TEST	YES
SIZE	300x330x103x302x97mm
MOUNTING TYPE	Surface
BODY MATERIAL	ABS + PC
COLOR	White
BODY SHAPE	Rectangular
BOX QUANTITY	1 pc / carton
SKU	ILEM-00029

### TECHNICAL DRAWING





## SINALIZADORES MDL 28S/G R

ILLUMINATION SIGNS | SEÑALES DE EVACUACIÓN

TELECOMANDO 220-240 50Hz ABS + PC IP40

POWER	3W
BATTERIES	3.6V / 1Ah
TOTAL LUMINOUS FLUX	22lm
IP	IP40
CRI	>80
VOLTAGE	220-240V
PROTECTION CLASS IK	IK07
CHARGING TIME	24H
DISCHARGING TIME	3H
SELF TEST	YES
SIZE	<input checked="" type="checkbox"/> 283x100x30x25x130mm
MOUNTING TYPE	Surface
BODY MATERIAL	ABS + PC, Plexiglass, PVC
COLOR	White
BODY SHAPE	Rectangular
BOX QUANTITY	1 pc / carton
SKU	ILEM-00031

TECHNICAL DRAWING



## GR7

NÃO PERMANENTE | NON MAINTAINED | NO PERMANENTE

220-240 50Hz ABS+PC IP40

POWER	-
BATTERIES	-
TOTAL LUMINOUS FLUX	60lm
IP	IP40
CRI	>80
VOLTAGE	220-240V
PROTECTION CLASS IK	IK07
CHARGING TIME	24H
DISCHARGING TIME	1.5H
SELF TEST	YES
SIZE	<input checked="" type="checkbox"/> 280x95x48mm
MOUNTING TYPE	Surface
BODY MATERIAL	ABS + PC
COLOR	White
BODY SHAPE	Rectangular
BOX QUANTITY	1 pc / carton
SKU	ILEM-00025

TECHNICAL DRAWING



Disponível em Junho-2021 | Available in June-2021 | Disponible en Junio-2021



# TUBOS, LÂMPADAS E MÓDULOS

TUBOS | LÂMPADAS | MÓDULOS

TUBES | LAMPS | MODULES

TUBOS | LÁMPARAS | MODULO





# TUBOS, LÂMPADAS E MÓDULOS

TUBOS | TUBES | TUBOS



## T8 STANDARD 2 LADOS

T8 DOUBLE SIDE CONNECTION | T8 CONEXIÓN EN DOS LADOS



Tubo de vidro Standard com conexão nos dois topos e 110 LM/W.

Standard glass tube with double side connection and 110 LM/W.

Tubo Standard de Cristal Glass, con conexión en los dos lados y 110 LM/W.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	MATERIAL	BOX QTY	SKU
9W	4500K	990 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	600mm	Glass	25pcs/carton	ILAR-00281
9W	6500K	990 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	600mm	Glass	25pcs/carton	ILAR-00282
18W	4500K	1980 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	1200mm	Glass	25pcs/carton	ILAR-00284
18W	6500K	1980 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	1200mm	Glass	25pcs/carton	ILAR-00285
22W	4500K	2420 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	1500mm	Glass	25pcs/carton	ILAR-00287
22W	6500K	2420 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	1500mm	Glass	25pcs/carton	ILAR-00288

SIZE





## T8 STANDARD 1 LADO

T8 SINGLE SIDE CONNECTION | T8 CONEXIÓN POR UN LADO



Tubo de vidro Standard com conexão em um só topo e 110 LM/W.

Standard glass tube with single side connection and 110 LM/W.

Tubo Standard de Cristal Glass, con conexión por un lados y 110 LM/W.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	MATERIAL	BOX QTY	SKU
9W	3000K	990 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	600mm	Glass	25pcs/carton	ILAR-00289
9W	4500K	990 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	600mm	Glass	25pcs/carton	ILAR-00290
9W	6500K	990 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	600mm	Glass	25pcs/carton	ILAR-00291
18W	3000K	1980 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	1200mm	Glass	25pcs/carton	ILAR-00292
18W	4500K	1980 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	1200mm	Glass	25pcs/carton	ILAR-00293
18W	6500K	1980 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	1200mm	Glass	25pcs/carton	ILAR-00294
22W	3000K	2420 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	1500mm	Glass	25pcs/carton	ILAR-00295
22W	4500K	2420 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	1500mm	Glass	25pcs/carton	ILAR-00296
22W	6500K	2420 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	1500mm	Glass	25pcs/carton	ILAR-00297

SIZE



# TUBOS, LÂMPADAS E MÓDULOS

TUBOS | TUBES | TUBOS



## TECNIC 130LM/W

T8 SINGLE SIDE CONNECTION | T8 CONEXIÓN POR UN LADO



Starter Included



EPISTAR LED



130LM/W



PF > 0.9

G13



Tubo de vidro Standard com conexão em um só topo e 130 LM/W, P.F. >0.9.

Standard glass tube with single side connection and 130 LM/W, P.F. >0.9.

Tubo Standard de Cristal Glass, com conexão por un lados y 130 LM/W, P.F. >0.9.

WATTS	CCT	LUMENS	LUMINOUS EFFICACY	BEAM ANGLE	POWER FACTOR	CRI	VOLTAGE	EOL - END CLASS	SWITCHING OF LIFE	STARTING CYCLE	TIME	SIZE	MATERIAL	BOX QTY	SKU
9W	4500K	1170 Lm	130 Lm/W	320°	>0.90	>80	85-265V	Class I	25000H	50000X	0.2s	600mm	Glass	25pcs/carton	ILAR-00498
9W	6500K	1170 Lm	130 Lm/W	320°	>0.90	>80	85-265V	Class I	25000H	50000X	0.2s	600mm	Glass	25pcs/carton	ILAR-00499
18W	4500K	2340 Lm	130 Lm/W	320°	>0.90	>80	85-265V	Class I	25000H	50000X	0.2s	1200mm	Glass	25pcs/carton	ILAR-00501
18W	6500K	2340 Lm	130 Lm/W	320°	>0.90	>80	85-265V	Class I	25000H	50000X	0.2s	1200mm	Glass	25pcs/carton	ILAR-00502
22W	4500K	2860 Lm	130 Lm/W	320°	>0.90	>80	85-265V	Class I	25000H	50000X	0.2s	1500mm	Glass	25pcs/carton	ILAR-00504
22W	6500K	2860 Lm	130 Lm/W	320°	>0.90	>80	85-265V	Class I	25000H	50000X	0.2s	1500mm	Glass	25pcs/carton	ILAR-00505

SIZE





# HIGH LUMEN 180LM/W

T8 SINGLE SIDE CONNECTION | T8 CONEXIÓN POR UN LADO



Starter Included



Tubo com conexão em um só topo e 180 LM/W.

Glass tube with single side connection and 180 LM/W.

Tubo con conexión por un lados y 180 LM/W.

WATTS	CCT	LUMENS	LUMINOUS EFFICACY	BEAM ANGLE	POWER FACTOR	CRI	VOLTAGE	EOL - END CLASS	SWITCHING OF LIFE	STARTING CYCLE	TIME	SIZE	MATERIAL	BOX QTY	SKU
7W	4000K	1260 Lm	180 Lm/W	120°	>0.90	>80	85-265V	Class I	50000H	50000X	0.2s	600mm	Aluminium+PC	25pcs/carton	Brevemente
7W	6500K	1260 Lm	180 Lm/W	120°	>0.90	>80	85-265V	Class I	50000H	50000X	0.2s	600mm	Aluminium+PC	25pcs/carton	Brevemente
14W	4000K	2520 Lm	180 Lm/W	120°	>0.90	>80	85-265V	Class I	50000H	50000X	0.2s	1200mm	Aluminium+PC	25pcs/carton	ILAR-00864
14W	6500K	2520 Lm	180 Lm/W	120°	>0.90	>80	85-265V	Class I	50000H	50000X	0.2s	1200mm	Aluminium+PC	25pcs/carton	ILAR-00865
21W	4000K	3780 Lm	180Lm/W	120°	>0.90	>80	85-265V	Class I	50000H	50000X	0.2s	1500mm	Aluminium+PC	25pcs/carton	ILAR-00867
21W	6500K	3780 Lm	180Lm/W	120°	>0.90	>80	85-265V	Class I	50000H	50000X	0.2s	1500mm	Aluminium+PC	25pcs/carton	ILAR-00868
30W	4000K	5400 Lm	180Lm/W	120°	>0.90	>80	85-265V	Class I	50000H	50000X	0.2s	1500mm	Aluminium+PC	25pcs/carton	Brevemente
30W	6500K	5400 Lm	180Lm/W	120°	>0.90	>80	85-265V	Class I	50000H	50000X	0.2s	1500mm	Aluminium+PC	25pcs/carton	Brevemente

SIZE



# TUBOS, LÂMPADAS E MÓDULOS

TUBOS | TUBES | TUBOS



## SENSOR TUBE

SINGLE SIDE CONNECTION | CONEXIÓN POR UN LADO

Tubo de vidro LED com detector de movimento, 20% de emissão de luz sem movimento, 100% com detecção de movimento, conexão em um topo e 110 LM/W.

LED Glass tube with motion detection, 20% light emitting without movement, 100% with movement, one side connection and 110 LM/W.

Tubo de vidro LED com sensor de movimento, 20% de emissão de luz sin movimiento, 100% con movimiento, conexión en un lado y 110 LM/W.

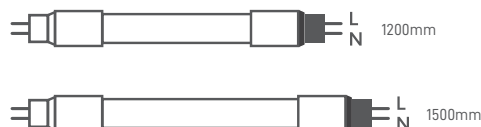


WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	MOTION DETECTOR	MATERIAL	BOX QTY	SKU
18W	5000K	1980 Lm	320°	>80	85-265V	Class I	25000H	50000X	0.2s	1200mm	YES	Glass	25pcs/carton	ILAR-00743
20W	5000K	2200 Lm	320°	>80	85-265V	Class I	25000H	50000X	0.2s	1500mm	YES	Glass	25pcs/carton	ILAR-00744

### FUNCTION



### SIZE



### SENSOR





## PLASTIC FILM

### SHATTERPROOF FILM | PROTECCIÓN DE PLÁSTICO



Tubo de vidro LED com proteção em filme de plástico à prova de estilhaçamento com conexão em um topo e 110 LM/W.

LED Glass tube with shatterproof film protection, one side connection and 110 LM/W.

Tubo de vidro LED con protección de plástico a prueba de roturas, con conexión en un lado y 110 LM/W.

WATTS	CCT	LUMENS	BEAM ANGLE	POWER FACTOR	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	MATERIAL	BOX QTY	SKU
18W	4500K	1980 Lm	320°	>0.9	>80	180-265V	Class I	25000H	50000X	0.2s	1200mm	Glass	25pcs/carton	ILAR-00745
18W	6500K	1980 Lm	320°	>0.9	>80	180-265V	Class I	25000H	50000X	0.2s	1200mm	Glass	25pcs/carton	ILAR-00746
22W	4500K	2420 Lm	320°	>0.9	>80	180-265V	Class I	25000H	50000X	0.2s	1500mm	Glass	25pcs/carton	ILAR-00747
22W	6500K	2420 Lm	320°	>0.9	>80	180-265V	Class I	25000H	50000X	0.2s	1500mm	Glass	25pcs/carton	ILAR-00748

SIZE



# TUBOS, LÂMPADAS E MÓDULOS

TUBOS | TUBES | TUBOS



## T5 TUBE 2 LADOS

T5 DOUBLE SIDE CONNECTION | T5 CONEXIÓN EN DOS LADOS



Tubo de vidro Standard com conexão nos dois topos e 110 LM/W.

Standard glass tube with double side connection and 110 LM/W.

Tubo Standard de Cristal Glass, con conexión en los dos lados y 110 LM/W.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	MATERIAL	BOX QTY	SKU
9W	6500K	990 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	600mm	Glass	25pcs/carton	ILAR-00486
18W	6500K	1980 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	1200mm	Glass	25pcs/carton	ILAR-00489
20W	6500K	2200 Lm	320°	>80	180-265V	Class I	25000H	50000X	0.2s	1500mm	Glass	25pcs/carton	ILAR-00487

SIZE





## KIT DE EMERGÊNCIA T8 | T5

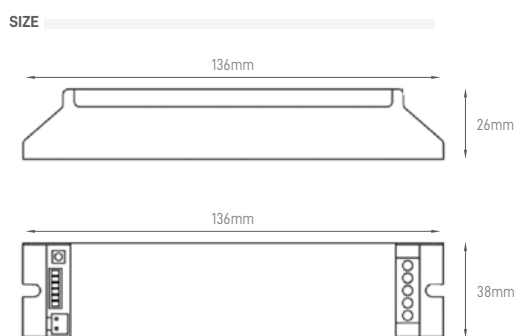
### PARA TUBOS LED | EMERGENCY KIT FOR LED TUBE

Kit de emergência com driver interno alimentado diretamente da rede. Adequado para luminárias e tubos LED T5 / T8. O dispositivo ajusta automaticamente a corrente de saída.

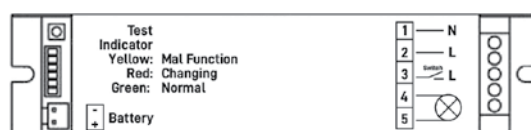
Emergency kit with internal driver powered directly from the network. Suitable for T5 / T8 LED tubes and luminaires. The device automatically adjusts the output current.

Kit de emergencia con controlador interno alimentado directamente desde la red. Adequado para tubos y luminarias LED T5 / T8. El dispositivo ajusta automáticamente la corriente de salida.

REFERENCE	
INPUT	AC85-265 50/60HZ
OUTPUT	DC220-240V
BATTERY RECHARGE TIME	24 HOURS
OPERATION	PERMANENT/NON-PERMANENT
OUTPUT CURRENT	AUTOMATICALLY ADJUSTABLE
EMERGENCY POWER OUTPUT	8W / 24W
LIR BATTERY	12V-4.4AH
AUTONOMY	>1.5H
LIGHT SOURCE	<24H
FINAL BATTERY DISCHARGE VOLTAGE	9 VDC
MAXIMUM LOAD PROTECTION VOLTAGE	12VDC
AMBIENT OPERATING TEMPERATURE	0-50°C
MAXIMUM HOUSING TEMPERATURE	55°C
TEST OF EMERGENCY	YES / TEST BUTTON
IP	IP20
MAX DISTANCE TO THE LED LAMP	2M
DRIVER DIMENSIONS	<input checked="" type="checkbox"/> 136x38x26MM
BATTERY DIMENSIONS	<input checked="" type="checkbox"/> 200x40x20MM
DISTANCE ANCHOR HOLES	160mm
WEIGHT	167gr
BATTERY WEIGHT	293gr
BUILT ACCORDING TO EUROPEAN CE MARKING DIRECTIVES	YES
SKU	 ILEM-00027



#### CONEXION DIAGRAM





# TUBOS, LÂMPADAS E MÓDULOS

LÂMPADAS | BULB | LÁMPARAS



## GU10 SPOTLIGHTS



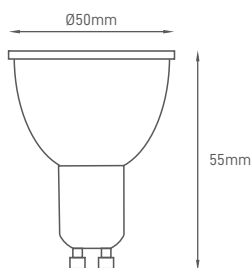
Linha GU10 com vários ângulos de abertura e potências para diferentes espaços.

GU10 line with several wattages and beam angles for different spaces.

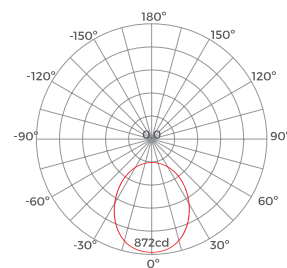
Línea de lámparas com diferentes potências y haz de luz para espacios variados.

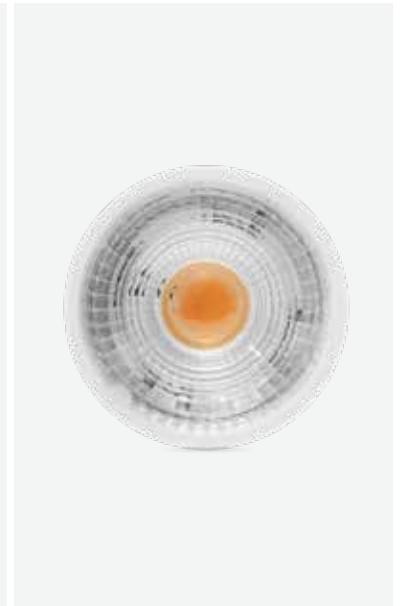
WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
3W	3000K	220 Lm	120°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00380
3W	4000K	240 Lm	120°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00381
3W	6500K	240 Lm	120°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00382
5W	3000K	360 Lm	120°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00321
5W	4000K	400 Lm	120°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00322
5W	6500K	400 Lm	120°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00323
7W	3000K	504 Lm	120°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00324
7W	4000K	560 Lm	120°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00326
7W	6500K	560 Lm	120°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00327

SIZE



BEAM ANGLE





# GU10 38°



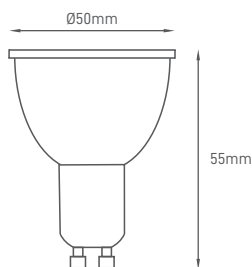
Lâmpada GU10 com ângulo de abertura de 38°, potência de 6W e diferentes temperatura de cor.

GU10 lamp with 38° opening angle, 6W power and different color temperature.

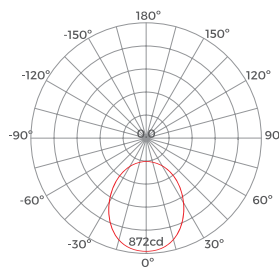
Lámpara GU10 con ángulo de apertura de 38°, potencia 6W y diferente temperatura de color.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
6W	3000K	450 Lm	38°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00550
6W	4000K	480 Lm	38°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00551
6W	6500K	490 Lm	38°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00552

### SIZE



### BEAM ANGLE



# TUBOS, LÂMPADAS E MÓDULOS

LÂMPADAS | BULB | LÁMPARAS



## GU10 DIMÁVEL



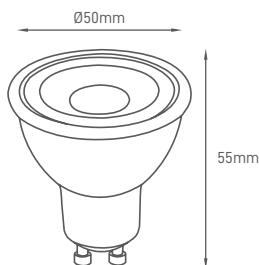
Linha GU10 com vários ângulos de abertura e potências para diferentes espaços.

GU10 line with several wattages and beam angles for different spaces.

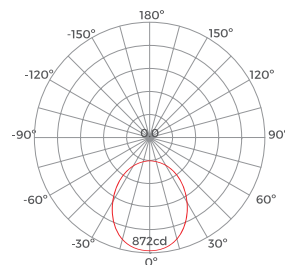
Línea de LEDs com diferentes potências y haz de luz para espacios variados.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	DIMMABLE	VOLTAGE	EOL - END CLASS	SWITCHING OF LIFE	STARTING CYCLE	TIME	SIZE	PF	BOX MATERIAL	QTY	SKU
7W	2700K	630 Lm	45°	>80	YES	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00930
7W	4000K	630 Lm	45°	>80	YES	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	10/100	ILAR-00931

SIZE



BEAM ANGLE





## MÓDULO 8W



Módulo especial de 8W, ideal para tetos falsos baixo.

Special 8W module, ideal for low suspended ceilings.

Módulo especial de 8W, ideal para techos suspendidos bajos.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	CUT-OUT	MATERIAL	BOX QTY	SKU
8W	3000K	680 Lm	120°	>80	175-265V	A+	30000H	20000X	0.5s	Ø40x45mm	Ø40mm	Glass	10/100	ILAR-00553
8W	4500K	690 Lm	120°	>80	175-265V	A+	30000H	20000X	0.5s	Ø40x45mm	Ø40mm	Glass	10/100	ILAR-00554
8W	6500K	700 Lm	120°	>80	175-265V	A+	30000H	20000X	0.5s	Ø40x45mm	Ø40mm	Glass	10/100	ILAR-00555



## G120

Lâmpada de design clássico com diâmetro de 120mm.

Classic design lamp with 120mm diameter.

Globo de diseño clásico con diametro de 120mm.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
18W	3000K	1580 Lm	200°	>80	220-240V	A+	25000H	15000X	0.5s	Ø120x172mm	>0.9	Aluminium/PVC	10/100	ILAR-00377
18W	4500K	1650 Lm	200°	>80	220-240V	A+	25000H	15000X	0.5s	Ø120x172mm	>0.9	Aluminium/PVC	10/100	ILAR-00378
18W	6500K	1735 Lm	200°	>80	220-240V	A+	25000H	15000X	0.5s	Ø120x172mm	>0.9	Aluminium/PVC	10/100	ILAR-00379

# TUBOS, LÂMPADAS E MÓDULOS

LÂMPADAS | BULB | LÁMPARAS



## CANDLE E14



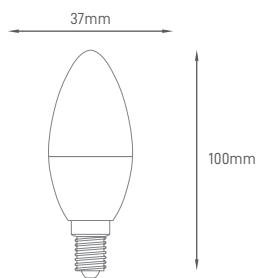
Lâmpadas LED decorativas com diferentes potências, ideais para substituir as antigas lâmpadas de vela incandescentes.

Decorative LED lamps with different wattages, ideal for replacing old incandescent candle lamps.

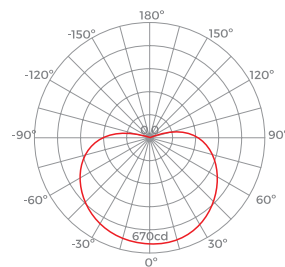
Bombillas LED decorativas con diferentes potencias, ideales para reemplazar lámparas de vela incandescentes.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
4W	3000K	320 Lm	180°	>80	220-240V	A+	25000H	15000X	0.5s	37x10mm	>0.9	Aluminium/PVC	10/100	ILAR-00310
4W	4000K	330 Lm	180°	>80	220-240V	A+	25000H	15000X	0.5s	37x10mm	>0.9	Aluminium/PVC	10/100	ILAR-00311
4W	6500K	340 Lm	180°	>80	220-240V	A+	25000H	15000X	0.5s	37x10mm	>0.9	Aluminium/PVC	10/100	ILAR-00312
6W	3000K	520 Lm	180°	>80	220-240V	A+	25000H	15000X	0.5s	37x10mm	>0.9	Aluminium/PVC	10/100	ILAR-00413
6W	4000K	530 Lm	180°	>80	220-240V	A+	25000H	15000X	0.5s	37x10mm	>0.9	Aluminium/PVC	10/100	ILAR-00414
6W	6500K	540 Lm	180°	>80	220-240V	A+	25000H	15000X	0.5s	37x10mm	>0.9	Aluminium/PVC	10/100	ILAR-00415

### SIZE



### BEAM ANGLE





## G45 E14



## G45 E27



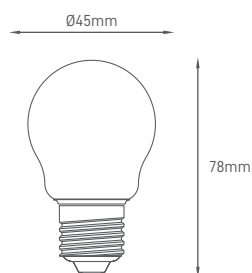
Lâmpada de design clássico com diâmetro de 45mm e casquilho E14 e E27 com várias potências e temperatura de cor.

Classic design lamp with 45mm diameter and E14 and E27 socket with various powers and color temperature.

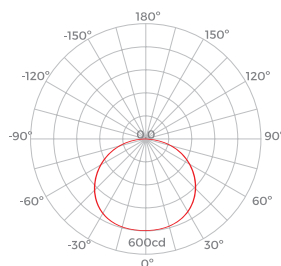
Lámpara de diseño clásico con 45mm de diámetro y casquillo E14 y E27 con distintas potencias y temperatura de color.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	BASE	MATERIAL	BOX QTY	SKU
4W	3000K	320 Lm	220°	>80	220-240V	A+	25000H	15000X	0.5s	Ø45x78mm	E14	Aluminium/PVC	10/100	ILAR-00374
4W	4000K	330 Lm	220°	>80	220-240V	A+	25000H	15000X	0.5s	Ø45x78mm	E14	Aluminium/PVC	10/100	ILAR-00375
4W	6500K	340 Lm	220°	>80	220-240V	A+	25000H	15000X	0.5s	Ø45x78mm	E14	Aluminium/PVC	10/100	ILAR-00376
4W	3000K	320 Lm	220°	>80	220-240V	A+	25000H	15000X	0.5s	Ø45x78mm	E27	Aluminium/PVC	10/100	ILAR-00368
4W	4000K	330 Lm	220°	>80	220-240V	A+	25000H	15000X	0.5s	Ø45x78mm	E27	Aluminium/PVC	10/100	ILAR-00369
4W	6500K	340 Lm	220°	>80	220-240V	A+	25000H	15000X	0.5s	Ø45x78mm	E27	Aluminium/PVC	10/100	ILAR-00370
6W	3000K	520 Lm	220°	>80	220-240V	A+	25000H	15000X	0.5s	Ø45x78mm	E14	Aluminium/PVC	10/100	ILAR-00435
6W	4000K	530 Lm	220°	>80	220-240V	A+	25000H	15000X	0.5s	Ø45x78mm	E14	Aluminium/PVC	10/100	ILAR-00436
6W	6500K	540 Lm	220°	>80	220-240V	A+	25000H	15000X	0.5s	Ø45x78mm	E14	Aluminium/PVC	10/100	ILAR-00437
6W	3000K	520 Lm	220°	>80	220-240V	A+	25000H	15000X	0.5s	Ø45x78mm	E27	Aluminium/PVC	10/100	ILAR-00371
6W	4000K	530 Lm	220°	>80	220-240V	A+	25000H	15000X	0.5s	Ø45x78mm	E27	Aluminium/PVC	10/100	ILAR-00372
6W	6500K	540 Lm	220°	>80	220-240V	A+	25000H	15000X	0.5s	Ø45x78mm	E27	Aluminium/PVC	10/100	ILAR-00373

SIZE



BEAM ANGLE



# TUBOS, LÂMPADAS E MÓDULOS

LÂMPADAS | BULB | LÁMPARAS



## A60



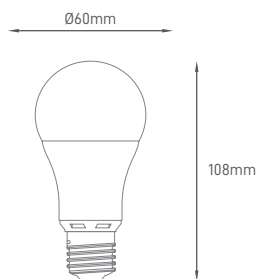
Lâmpada de design clássico com elevada eficiência e ângulo de abertura de 230°.

Classic design lamp with high efficiency and 230° beam angle.

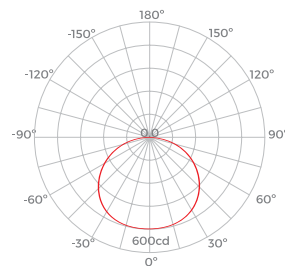
Lámpara de diseño clásico con alta eficiencia y haz de luz de 230°.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	BASE	MATERIAL	BOX QTY	SKU
7W	3000K	610 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	60x108mm	E27	Aluminium/PVC	10/100	ILAR-00401
7W	4500K	620 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	60x108mm	E27	Aluminium/PVC	10/100	ILAR-00402
7W	6500K	630 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	60x108mm	E27	Aluminium/PVC	10/100	ILAR-00403
10W	3000K	810 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	60x108mm	E27	Aluminium/PVC	10/100	ILAR-00404
10W	4500K	820 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	60x108mm	E27	Aluminium/PVC	10/100	ILAR-00405
10W	6500K	830 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	60x108mm	E27	Aluminium/PVC	10/100	ILAR-00406
12W	3000K	1050 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	60x108mm	E27	Aluminium/PVC	10/100	ILAR-00407
12W	4500K	1100 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	60x108mm	E27	Aluminium/PVC	10/100	ILAR-00408
12W	6500K	1150 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	60x108mm	E27	Aluminium/PVC	10/100	ILAR-00409

SIZE



BEAM ANGLE





## A65 A90 A95



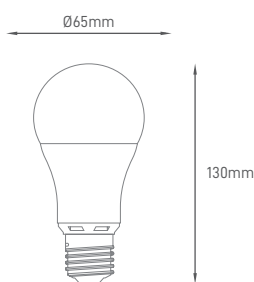
Lâmpada de design clássico com elevada eficiência e ângulo de abertura de 230°.

Classic design lamp with high efficiency and 230° beam angle.

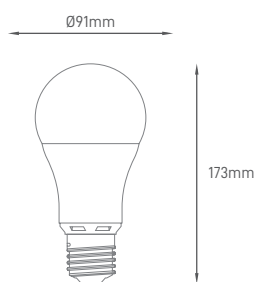
Lámpara de diseño clásico con alta eficiencia y haz de luz de 230°.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
A65 15W	3000K	1200 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	Ø65x130mm	>0.9	Aluminium/PVC	10/100	ILAR-00410
A65 15W	4500K	1300 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	Ø65x130mm	>0.9	Aluminium/PVC	10/100	ILAR-00411
A65 15W	6500K	1400 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	Ø65x130mm	>0.9	Aluminium/PVC	10/100	ILAR-00412
A90 20W	3000K	1580 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	Ø91x173mm	>0.9	Aluminium/PVC	10/100	ILAR-00477
A90 20W	4500K	1850 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	Ø91x173mm	>0.9	Aluminium/PVC	10/100	ILAR-00478
A90 20W	6500K	1900 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	Ø91x173mm	>0.9	Aluminium/PVC	10/100	ILAR-00479
A95 25W	3000K	2025 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	Ø96x195mm	>0.9	Aluminium/PVC	10/100	ILAR-00480
A95 25W	4500K	2050 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	Ø96x195mm	>0.9	Aluminium/PVC	10/100	ILAR-00481
A95 25W	6500K	2070 Lm	230°	>80	220-240V	A+	25000H	10000X	0.2s	Ø96x195mm	>0.9	Aluminium/PVC	10/100	ILAR-00482

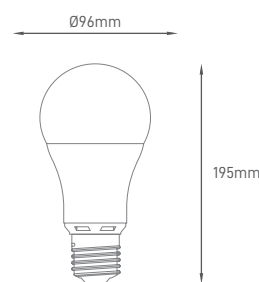
SIZE A65



SIZE A90



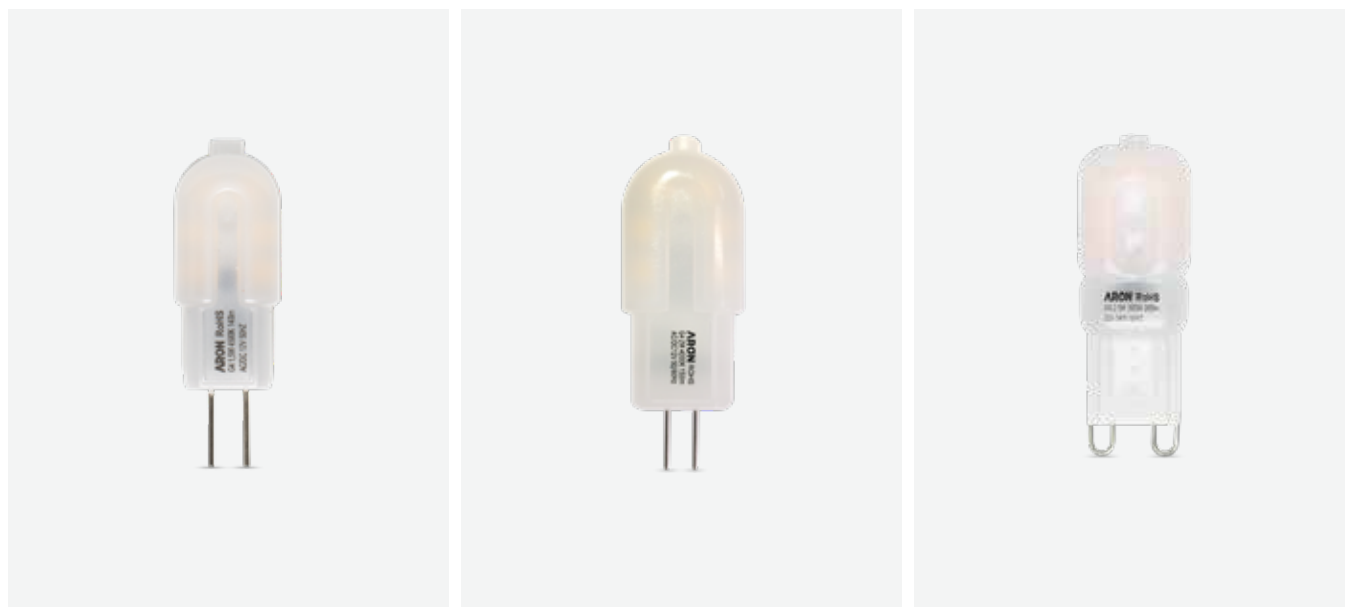
SIZE A95





# TUBOS, LÂMPADAS E MÓDULOS

LÂMPADAS | BULB | LÁMPARAS



## LÂMPADA G9 / G4



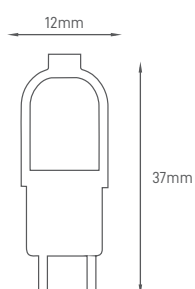
Lâmpadas decorativas com diferentes voltagens e potências.

Decorative lamps with different voltages and wattages.

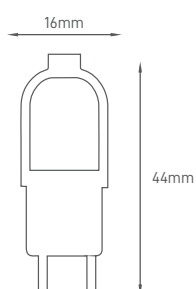
Lámparas decorativas con diferentes voltajes y potencias.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
G4 1.5W	3000K	120lm	200°	>80	12V	A+	25000H	12500X	0.5s	12x37mm	>0.9	Aluminium/PVC	10/100	ILAR-00229
G4 1.5W	4000K	130lm	200°	>80	12V	A+	25000H	12500X	0.5s	12x37mm	>0.9	Aluminium/PVC	10/100	ILAR-00230
G4 1.5W	6000K	140lm	200°	>80	12V	A+	25000H	12500X	0.5s	12x37mm	>0.9	Aluminium/PVC	10/100	ILAR-00231
G4 2W	3000K	160lm	200°	>80	12V	A+	25000H	12500X	0.5s	16x44mm	>0.9	Aluminium/PVC	10/100	On request
G4 2W	4000K	160lm	200°	>80	12V	A+	25000H	12500X	0.5s	16x44mm	>0.9	Aluminium/PVC	10/100	ILAR-00933
G4 2W	6500K	160lm	200°	>80	12V	A+	25000H	12500X	0.5s	16x44mm	>0.9	Aluminium/PVC	10/100	ILAR-01065
G9 12.5W	3000K	200lm	200°	>80	220-240V	A+	25000H	12500X	0.5s	16x48mm	>0.9	Aluminium/PVC	10/100	ILAR-00226
G9 12.5W	4000K	210lm	200°	>80	220-240V	A+	25000H	12500X	0.5s	16x48mm	>0.9	Aluminium/PVC	10/100	ILAR-00227
G9 12.5W	6000K	220lm	200°	>80	220-240V	A+	25000H	12500X	0.5s	16x48mm	>0.9	Aluminium/PVC	10/100	ILAR-00228

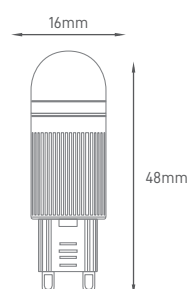
SIZE G4 1.5W



SIZE G4 2W



SIZE G9





## LÂMPADA 30W

Lâmpada com uma distribuição de luz suave e sem encandeamento para um melhor efeito de iluminação. À prova de poeira, humidade e resistente a insetos.

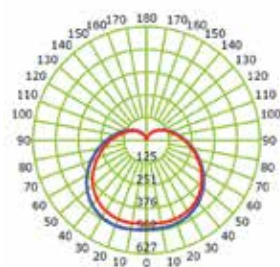
Lamp with a smooth, non-glare light distribution for better lighting effect. Dustproof, moisture proof and insect resistant.

Lámpara con una distribución de luz suave y sin deslumbramientos para un mejor efecto de iluminación. A prueba de polvo, a prueba de humedad y resistente a los insectos.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
30W	4000K	2700 Lm	160°	≥80	220-240V	A+	25000H	15000X	0.5s	Ø100x153mm	>0.9	Aluminium/PVC	10/100	ILAR-01049

### BEAM ANGLE



## LÂMPADA 40W

Lâmpada com uma distribuição de luz suave e sem encandeamento para um melhor efeito de iluminação. À prova de poeira, humidade e resistente a insetos.

Lamp with a smooth, non-glare light distribution for better lighting effect. Dustproof, moisture proof and insect resistant.

Lámpara con una distribución de luz suave y sin deslumbramientos para un mejor efecto de iluminación. A prueba de polvo, a prueba de humedad y resistente a los insectos.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
40W	4000K	3600 Lm	200°	≥80	200-240V	A+	25000H	15000X	0.5s	Ø120x220mm	>0.9	Aluminium/PVC	10/100	ILAR-00883

# TUBOS, LÂMPADAS E MÓDULOS

LÂMPADAS DE FILAMENTOS | FILAMENTS BULB | BOMBILLA



## FLAME FILAMENTS

Lâmpada de filamentos LED com design tipo chama.

*Led filament lamp with flame design.*

*Bombilla de filamentos led con diseño tipo flame*



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
4W	3000K	470 Lm	310°	>80	180-260V	A+	25000H	10000X	0.2s	35x120mm	>0.9	Glass	10/100	ILAR-00159



## CANDLE FILAMENTS

Lâmpada de filamentos LED com design tipo vela.

*Led filament lamp with candle design.*

*Bombilla de filamentos led con diseño en vela.*



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
4W	3000K	470 Lm	330°	>80	180-260V	A+	25000H	10000X	0.2s	35x98mm	>0.9	Glass	10/100	ILAR-00153



## FROSTED FILAMENTS

Lâmpada de filamentos LED com design vela e acabamento fosco.

*Led filament lamp with candle design and frosted finish.*

*Lámpara de filamentos led con diseño en vela y vidrio escarchado.*



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
4W	3000K	470 Lm	330°	>80	180-260V	A+	25000H	10000X	0.2s	35x98mm	>0.9	Glass	10/100	ILAR-00325



## G45 E14



## G45 E27



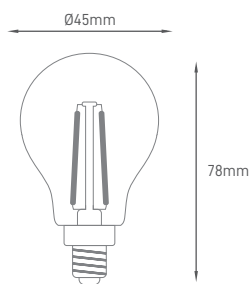
Lâmpada de filamentos led com design classico e diâmetro de 45mm.

Led filament bulb with 45mm diameter and classic design.

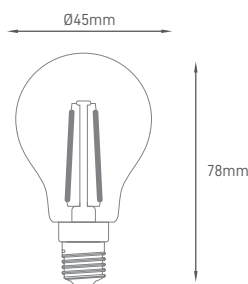
Bombilla de filamentos led con diseño clásico y diametro de 45mm.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	BASE	MATERIAL	BOX QTY	SKU
4W	3000K	470 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø45x78mm	E14	Glass	10/100	ILAR-00156
4W	3000K	470 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø45x78mm	E27	Glass	10/100	ILAR-00157

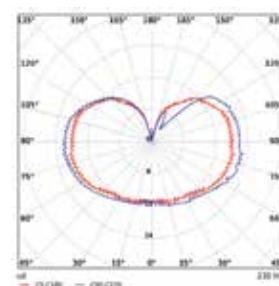
### SIZE



### SIZE



### BEAM ANGLE



# TUBOS, LÂMPADAS E MÓDULOS

LÂMPADAS DE FILAMENTOS | FILAMENTS BULB | BOMBILLA



## A60 FILAMENTS

Lâmpada de Filamentos com design clássico de elevada eficiência e ângulo de abertura de 330°.

Classic Filament design bulb with high efficiency and 330° beam angle.

Bombilla de Filamentos con diseño clásico de alta eficiencia y haz de luz de 330°.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	BASE	MATERIAL	BOX QTY	SKU
4W	3000K	470 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø60x105mm	E27	Glass	10/100	ILAR-00141
6W	3000K	630 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø60x105mm	E27	Glass	10/100	ILAR-00144
8W	3000K	806 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø60x105mm	E27	Glass	10/100	ILAR-00147



## A60 FROSTED

Lâmpada de Filamentos Fosca com design clássico de elevada eficiência e ângulo de abertura de 330°.

Frosted Filament design bulb with high efficiency and 330° beam angle.

Bombilla de Filamentos con vidrio escurado de alta eficiencia y haz de luz de 330°.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	BASE	MATERIAL	BOX QTY	SKU
8W	3000K	806 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø60x105mm	E27	Glass	10/100	ILAR-00150
8W	4500K	816 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø60x105mm	E27	Glass	10/100	ILAR-00529
8W	6000K	826 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø60x105mm	E27	Glass	10/100	ILAR-00530



## A60 SILVER

Lâmpada decorativa de filamentos, com diâmetro de 60mm e acabamento em prateado.

*Decorative filament Bulb, with 60mm diameter and Silver finish.*

*Bombilla decorativa de filamentos, con diámetro de 60mm y acabado en plateado.*



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	BASE	MATERIAL	BOX QTY	SKU
4W	3000K	380 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø60x108mm	E27	Glass	10/100	ILAR-00736



## A60 GOLD

Lâmpada decorativa de filamentos, com diâmetro de 60mm e acabamento em Dourado.

*Decorative filament Bulb, with 60mm diameter and Gold finish.*

*Bombilla decorativa de filamentos, con diámetro de 60mm y acabado en Dorado.*



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	BASE	MATERIAL	BOX QTY	SKU
4W	3000K	380 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø60x108mm	E27	Glass	10/100	ILAR-00737

# TUBOS, LÂMPADAS E MÓDULOS

LÂMPADAS DE FILAMENTOS | FILAMENTS BULB | BOMBILLA



## A100 FILAMENTS



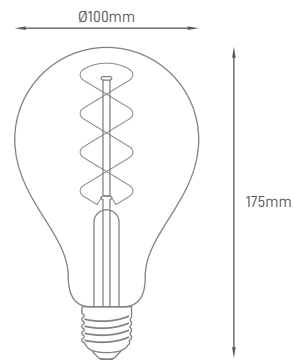
Lâmpada decorativa com filamentos em espiral, diâmetro de 100mm e cor âmbar.

Decorative lamp with spiral filaments, diameter 100mm and amber color.

Bombilla decorativa con filamentos en espiral, diâmetro de 100mm y color âmbar.

WATTS	4W
CCT	3000K
TOTAL LUMINOUS FLUX	300lm
LUMINOUS EFFICACY	-
BEAM ANGLE	330°
CRI	≥80
IP	IP20
VOLTAGE	180-260V
SIZE	Ø100x175mm
BASE	E27
PROTECTION CLASS	Class I
PROTECTION CLASS IK	-
POWER FACTOR	-
NOMINAL LIFETIME	25000H
STARTING TIME 100% ON	0.2s
ON/OFF CYCLES	50000X
ENERGY LABEL	A+
LED BRAND	-
DRIVER BRAND	-
MOUNTING TYPE	-
BODY MATERIAL	Glass
COLOR	Black
BODY SHAPE	-
BOX QUANTITY	10 pcs / carton
GROSS WEIGHT	-
SKU	ILAR-00741

SIZE





## G95 CRISTAL

Lâmpada decorativa de filamentos Cristal, com diâmetro de 95mm.

*Decorative Cristal filament Bulb, with 95mm diameter.*

*Bombilla decorativa de filamentos Cristal, con diámetro de 95mm.*



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
8W	3000K	806 Lm	330°	>80	180-260V	A+	25000H	10000X	0.2s	Ø95x136mm	>0.9	Glass	10/100	ILAR-00162



## G95 SILVER

Lâmpada decorativa de filamentos, com diâmetro de 95mm e acabamento em prateado.

*Decorative filament Bulb, with 95mm diameter and Silver finish.*

*Bombilla decorativa de filamentos, con diámetro de 95mm y acabado en plateado.*



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
6W	3000K	540 Lm	330°	>80	180-260V	A+	25000H	10000X	0.2s	Ø95x136mm	>0.9	Glass	10/100	ILAR-00738



## G95 GOLD

Lâmpada decorativa de filamentos, com diâmetro de 95mm e acabamento em Dourado.

*Decorative filament Bulb, with 95mm diameter and Gold finish.*

*Bombilla decorativa de filamentos, con diámetro de 95mm y acabado en Dorado.*



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	BOX QTY	SKU
6W	3000K	540 Lm	330°	>80	180-260V	A+	25000H	10000X	0.2s	35x98mm	>0.9	Glass	10/100	ILAR-00739



# TUBOS, LÂMPADAS E MÓDULOS

LÂMPADAS DE FILAMENTOS | FILAMENTS BULB | BOMBILLA



## G125 CRISTAL

Lâmpada decorativa de filamentos Cristal, com diâmetro de 125mm.

Decorative Cristal filament Bulb, with 125mm diameter.

Bombilla decorativa de filamentos Cristal, con diámetro de 125mm.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	BASE	MATERIAL	BOX QTY	SKU
8W	3000K	800 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø125x175mm	E27	Glass	10/100	ILAR-00165



## G125 AMBER

Lâmpada decorativa de filamentos Âmbar, com diâmetro de 125mm.

Decorative Amber filament Bulb, with 125mm diameter.

Bombilla decorativa de filamentos Âmbar, con diámetro de 125mm.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	BASE	MATERIAL	BOX QTY	SKU
6W	3000K	600 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø125x175mm	E27	Glass	10/100	ILAR-00740



## ST64 FILAMENTS

Lâmpada de Filamentos com design em Pêra, de elevada eficiência e ângulo de abertura de 330°.

Filament bulb with Pear design, high efficiency and 330° beam angle.

Bombilla de Filamentos con diseño en Pera, de alta eficiencia y haz de luz de 330°.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	BASE	MATERIAL	BOX QTY	SKU
4W	3000K	440 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø64x142mm	E27	Glass	10/100	ILAR-00169
6W	3000K	650 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø64x142mm	E27	Glass	10/100	ILAR-00168



## ST64 AMBER

Lâmpada de Filamentos com design em Pêra, Âmbar, de elevada eficiência e ângulo de abertura de 330°.

Filament bulb with Pear amber design, high efficiency and 330° beam angle.

Bombilla de Filamentos con diseño en Pera, Ambar, de alta eficiencia y haz de luz de 330°.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	BASE	MATERIAL	BOX QTY	SKU
6W	3000K	600 Lm	330°	>80	180-260V	A+	25000H	50000X	0.2s	Ø64x142mm	E27	Glass	10/100	ILAR-00171



# AROS E ACESSÓRIOS

ACESSÓRIOS

ACCESSORIES

ACCESORIOS



## INTERIOR

ACESSÓRIOS | ACCESSORIES | ACCESORIOS



### ARO FIXO GU10 BRANCO

GU10 FITTING WHITE | ARO GU10 REDONDO BLANCO

Size: Ø78x25mm

Cut-Out: Ø62mm

ILAR-00115



GU10



### ARO FIXO GU10 PRETO

GU10 FITTING BLACK | ARO GU10 REDONDO NEGRO

Size: Ø78x25mm

Cut-Out: Ø62mm

ILAR-01016



GU10



### ARO FIXO GU10 AÇO ESCOVADO

GU10 FITTING BRUSHED STEEL | ARO GU10 REDONDO ACERO

Size: Ø78x25mm

Cut-Out: Ø62mm

ILAR-00114

GU10



### ARO OSCILANTE GU10 AÇO ESCOVADO

ROTABLE GU10 FITTING BRUSHED STEEL | ARO GU10 REDONDO ACERO BASCULANTE

Size: Ø78x25mm

Cut-Out: Ø62mm

ILAR-00191

GU10



### ARO OSCILANTE GU10 BRANCO

ROTABLE GU10 FITTING WHITE | ARO GU10 REDONDO BLANCO BASCULANTE

Size: Ø78x25mm

Cut-Out: Ø62mm

ILAR-00192



GU10





## ARO OSCILANTE GU10 BRANCO

GU10 FITTING WHITE | ARO GU10 CUADRADO BLANCO BASCULANTE

Size: 84mmx84mm

Cut-Out: 75mm

ILAR-00194



## ARO FIXO GU10 BRANCO

GU10 FITTING WHITE | ARO GU10 CUADRADO BLANCO

Size: 84x84mm

Cut-Out: 75mm

ILAR-01019



## ARO FIXO GU10 PRETO

GU10 FITTING BLACK | ARO GU10 CUADRADO NEGRO

Size: 84x84mm

Cut-Out: 75mm

ILAR-01020



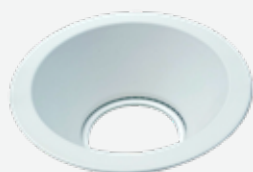
## ARO FIXO GU10 IP65

GU10 FITTING IP65 WHITE | ARO GU10 IP65 BLANCO

Size: Ø83x25mm

Cut-Out: 65mm

ILAR-00196



## MACH REDONDO BRANCO

ARO ENCASTRAR BRANCO | GU10 FITTING WHITE | ARO GU10 CONICO EMPOTRAR BLANCO

Size: Ø82x35mm

Cut-Out: Ø72mm

ILAR-00897



## INTERIOR

ACESSÓRIOS | ACCESSORIES | ACCESORIOS



### MACH QUADRADO BRANCO

ARO ENCASTRAR BRANCO | GU10 FITTING WHITE | ARO CUADRADO BAJO UGR BRANCO

Size: 81x81x35mm

Cut-Out: 72mm

ILAR-00898



GU10



### MACH REDONDO PRETO

ARO ENCASTRAR PRETO | GU10 FITTING BLACK | ARO GU10 CONICO EMPOTRAR NEGRO

Size: Ø82x35mm

Cut-Out: Ø72mm

ILAR-01017



GU10



### MACH QUADRADO PRETO

ARO ENCASTRAR PRETO | GU10 FITTING BLACK | ARO CUADRADO BAJO UGR NEGRO

Size: 81x81x35mm

Cut-Out: 72mm

ILAR-01018



GU10



### GU10 CONECTOR

SUPOORTE GU10 | GU10 CONNECTOR | PORTALÂMPARA GU10

ILAR-00450

GU10



### GU10 CONECTOR

SUPOORTE GU10 | GU10 CONNECTOR | PORTALÂMPARA GU10

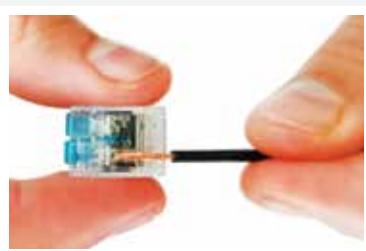
ILAR-00449

GU10



# LIGADORES RÁPIDOS

FAST CONECTOR | CONECTOR RÁPIDO



Fio descarnado até 10mm  
Strip conductor to 10mm  
Cable conductor de hasta 10mm



Levante a patilha para abrir o ligador e insira o fio condutor.  
Lift the lever to open the connector and insert the strip conductor.  
Levante la tapa para abrir el conector e inserte el cable conductor.



Por fim, baixe a patilha para fechar o grampo.  
Finally, lower the tab to close the clamp.  
Finalmente, baje la tapa para cerrar la abrazadera.



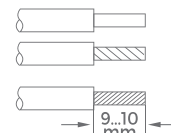
## LIGADOR FLEX 2D

100 PEÇAS CAIXA | 100 UNITS PER BOX | 100 PIEZAS POR CAJA

2D 0,2 - 4 mm<sup>2</sup> Cu

2D 0,2 - 4 mm<sup>2</sup> Cu

**ILAR-00894**



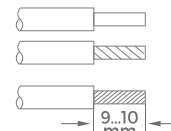
## LIGADOR FLEX 3D

50 PEÇAS CAIXA | 50 UNITS PER BOX | 50 PIEZAS POR CAJA

3D 0,2 - 4 mm<sup>2</sup> Cu

3D 0,2 - 4 mm<sup>2</sup> Cu

**ILAR-00895**



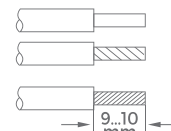
## LIGADOR FLEX 5D

25 PEÇAS CAIXA | 25 UNITS PER BOX | 25 PIEZAS POR CAJA

5D 0,2 - 4 mm<sup>2</sup> Cu

5D 0,2 - 4 mm<sup>2</sup> Cu

**ILAR-00896**







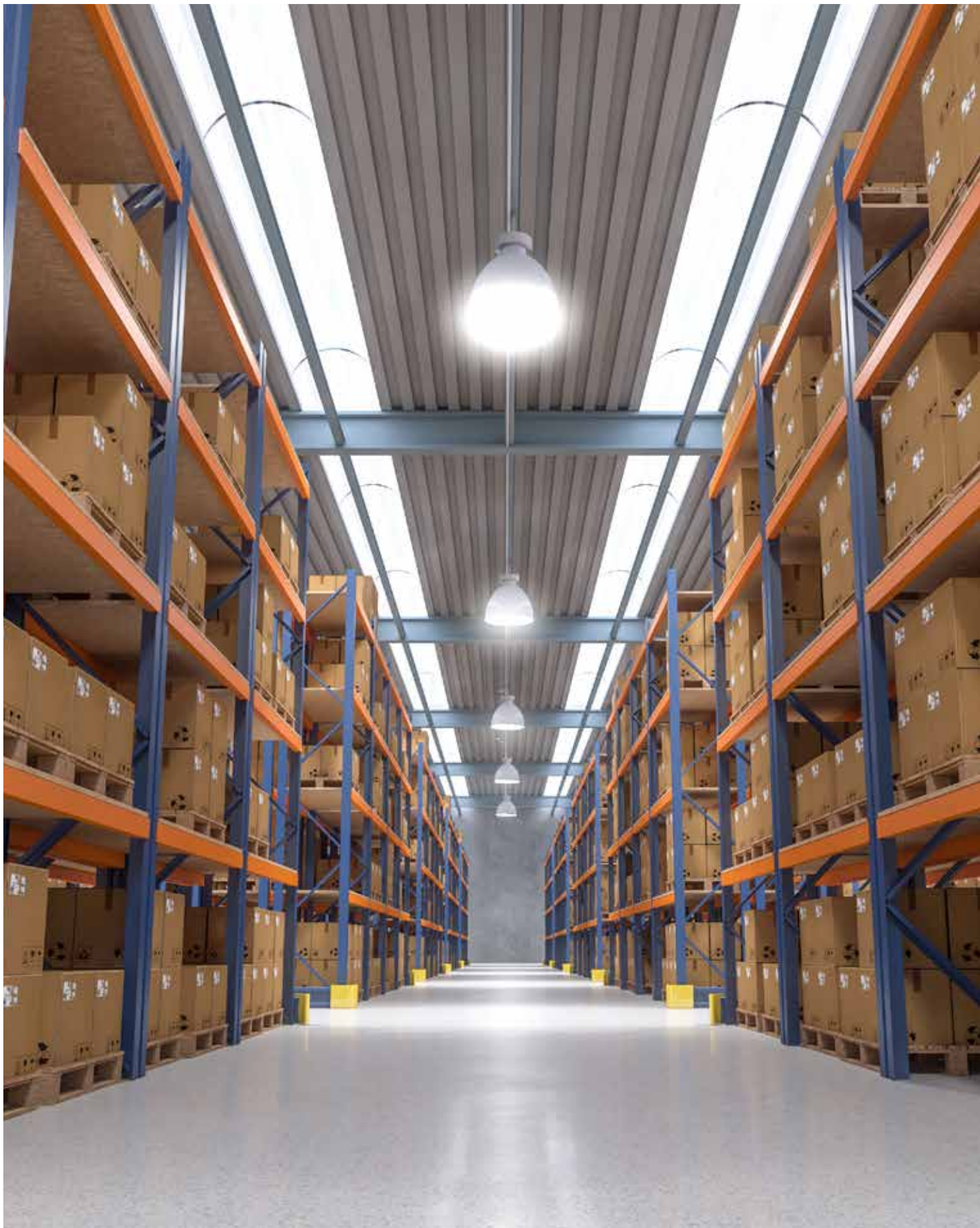
# SPECIAL LIGHTING

ILUMINAÇÃO

ESPECIAL

ILUMINACIÓN

ESPECIAL



# SPECIAL LIGHTING

ILUMINAÇÃO ESPECIAL | SPECIAL LIGHTING | ILUMINACIÓN ESPECIAL



## ATEX ROUND

LED EXPLOSION PROOF LIGHT

DIE-CAST ALUMINUM ADC12

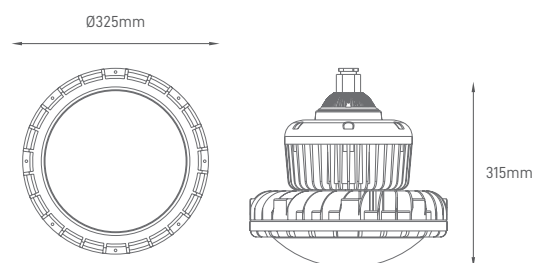
IP66

150LM/W

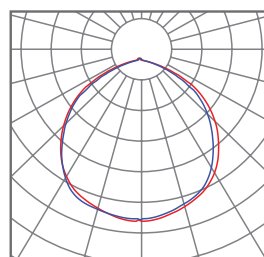


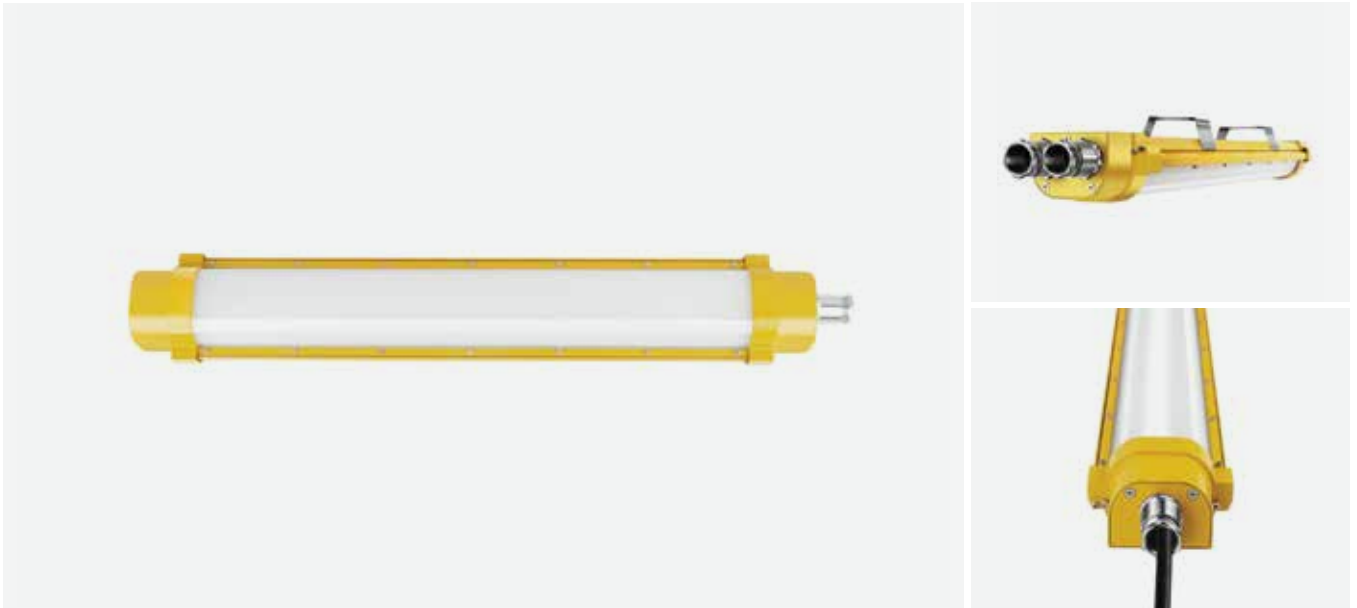
WATTS	100W	120W	150W	200W
CCT	5000K	5000K	5000K	5000K
TOTAL LUMINOUS FLUX	13000lm	15600lm	19500lm	26000lm
LUMINOUS EFFICACY	150lm/w	150lm/w	150lm/w	150lm/w
BEAM ANGLE	120°	120°	120°	120°
CRI	≥80	≥80	≥80	≥80
IP	IP66	IP66	IP66	IP66
VOLTAGE	100-277V, 50/60Hz	100-277V, 50/60Hz	100-277V, 50/60Hz	100-277V, 50/60Hz
SURGE PROTECTION	6KV	6KV	6KV	6KV
FUNCTIONS	PWM DALI 0/1-10V	PWM DALI 0/1-10V	PWM DALI 0/1-10V	PWM DALI 0/1-10V
SIZE	☑ Ø325x315mm	Ø325x315mm	Ø325x315mm	Ø325x315mm
CORROSION PROOF	WF2	WF2	WF2	WF2
PROTECTION CLASS	Class II	Class II	Class II	Class II
PROTECTION CLASS IK	IK08	IK08	IK08	IK08
POWER FACTOR	>0.95	>0.95	>0.95	>0.95
NOMINAL LIFETIME	50000H	50000H	50000H	50000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	CREE JK3030	CREE JK3030	CREE JK3030	CREE JK3030
DRIVER BRAND	Meanwell HBG	Meanwell HBG	Meanwell HBG	Meanwell HBG
MOUNTING TYPE	Ceiling Mounting	Ceiling Mounting	Ceiling Mounting	Ceiling Mounting
BODY MATERIAL	Die-cast Aluminum ADC12	Die-cast Aluminum ADC12	Die-cast Aluminum ADC12	Die-cast Aluminum ADC12
COLOR	Yellow	Yellow	Yellow	Yellow
BODY SHAPE	Round	Round	Round	Round
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton	1 pc/carton
PROTECTION	OTP, OCP, OVP, SCP	OTP, OCP, OVP, SCP	OTP, OCP, OVP, SCP	OTP, OCP, OVP, SCP
SKU	■■■■ On request	On request	On request	On request

### TECHNICAL DRAWING



### BEAM ANGLE





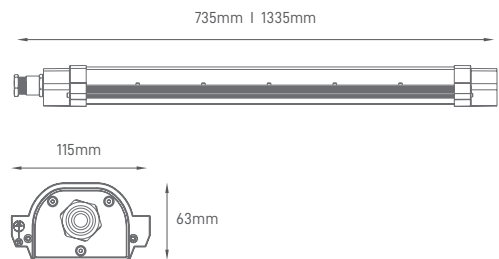
# ATEX LINEAR

HIGH LUMEN

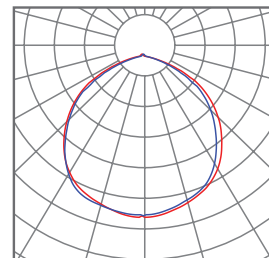


WATTS	20W	40W	60W	80W
CCT	5000K	5000K	5000K	5000K
TOTAL LUMINOUS FLUX	2400lm	4800lm	7200lm	9600lm
LUMINOUS EFFICACY	120lm/w	120lm/w	120lm/w	120lm/w
BEAM ANGLE	120°	120°	120°	120°
CRI	≥80	≥80	≥80	≥80
IP	IP65	IP65	IP65	IP65
VOLTAGE	100-277V, 50/60Hz	100-277V, 50/60Hz	100-277V, 50/60Hz	100-277V, 50/60Hz
SURGE PROTECTION	4KV	4KV	4KV	4KV
FUNCTIONS	ZigBee PWM DALI 0/1-10V	ZigBee PWM DALI 0/1-10V	ZigBee PWM DALI 0/1-10V	ZigBee PWM DALI 0/1-10V
SIZE	735x115x63mm	735x115x63mm	1335x115x63mm	735x115x63mm
CORROSION PROOF	WF2	WF2	WF2	WF2
PROTECTION CLASS	Class II	Class II	Class II	Class II
PROTECTION CLASS IK	IK10	IK08	IK08	IK08
POWER FACTOR	>0.95	>0.95	>0.95	>0.95
NOMINAL LIFETIME	50000H	50000H	50000H	50000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	Bridgelux	Bridgelux	Bridgelux	Bridgelux
DRIVER BRAND	Lifud	Lifud	Lifud	Lifud
MOUNTING TYPE	Ceiling Mounting	Ceiling Mounting	Ceiling Mounting	Ceiling Mounting
BODY MATERIAL	Pure Aluminum A6063	Pure Aluminum A6063	Pure Aluminum A6063	Pure Aluminum A6063
COLOR	Yellow	Yellow	Yellow	Yellow
BODY SHAPE	Linear	Linear	Linear	Linear
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton	1 pc/carton
PROTECTION	OTP, OCP, OVP, SCP	OTP, OCP, OVP, SCP	OTP, OCP, OVP, SCP	OTP, OCP, OVP, SCP
SKU	On request	On request	On request	On request

### TECHNICAL DRAWING



### BEAM ANGLE



# SPECIAL LIGHTING

ILUMINAÇÃO ESPECIAL | SPECIAL LIGHTING | ILUMINACIÓN ESPECIAL

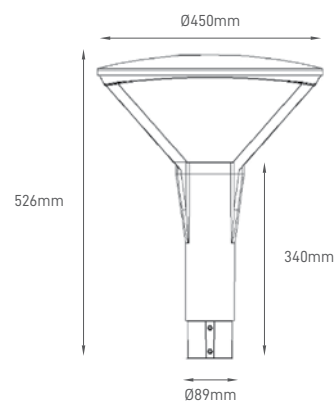


## URBAN DESIGN I

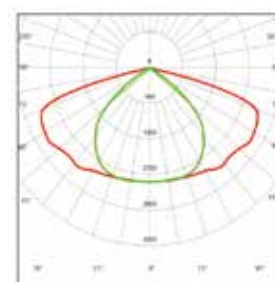
DIE-CAST ALUMINUM   PREMIUM DESIGN   IP66

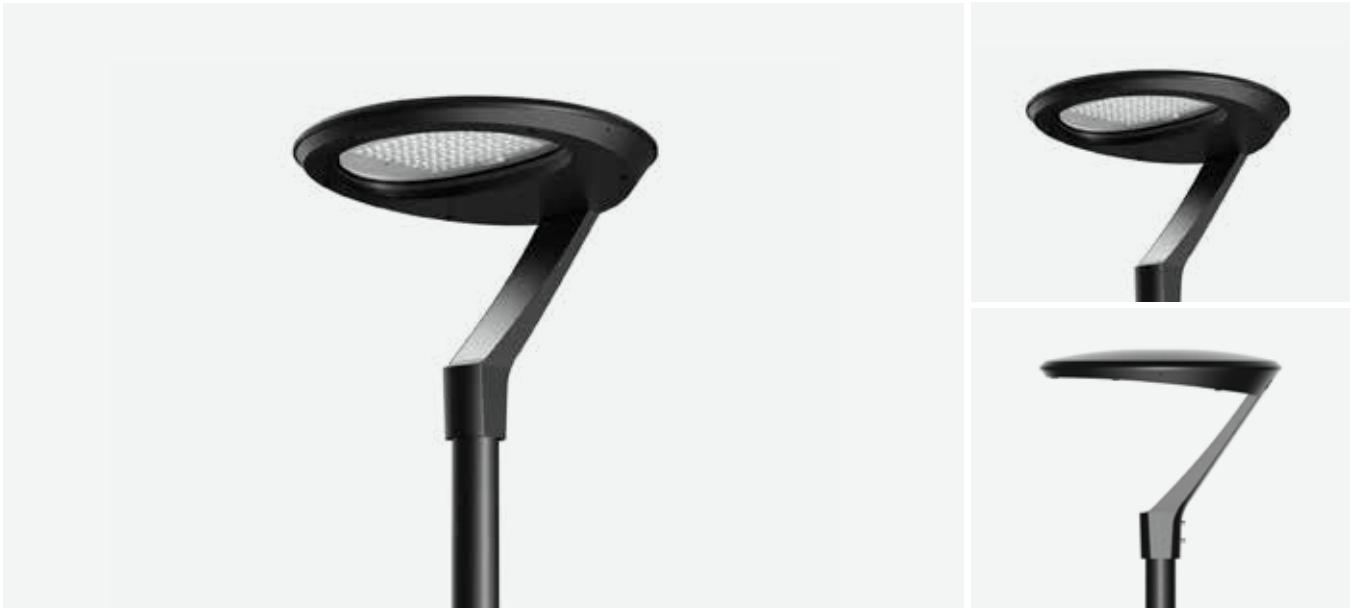
WATTS	40W	60W	75W	100W
CCT	4000K	4000K	4000K	4000K
TOTAL LUMINOUS FLUX	4800lm	7200lm	9000lm	12000lm
LUMINOUS EFFICACY	120lm/w	120lm/w	120lm/w	120lm/w
BEAM ANGLE	-	-	-	-
CRI	≥80	≥80	≥80	≥80
IP	IP66	IP66	IP66	IP66
VOLTAGE	100-277V, 50/60Hz	100-277V, 50/60Hz	100-277V, 50/60Hz	100-277V, 50/60Hz
SURGE PROTECTION	6KV line-line, 10KV line-earth	6KV line-line, 10KV line-earth	6KV line-line, 10KV line-earth	6KV line-line, 10KV line-earth
FUNCTIONS	1-10V/DALI	1-10V/DALI	1-10V/DALI	1-10V/DALI
SIZE	<input checked="" type="checkbox"/> Ø450x340x526xØ89mm	Ø450x340x526xØ89mm	Ø450x340x526xØ89mm	Ø450x340x526xØ89mm
CORROSION PROOF	-	-	-	-
PROTECTION CLASS	Class II	Class II	Class II	Class II
PROTECTION CLASS IK	IK08	IK08	IK08	IK08
POWER FACTOR	>0.9	>0.9	>0.9	>0.9
NOMINAL LIFETIME	100000H	100000H	100000H	100000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	SMD 3030	SMD 3030	SMD 3030	SMD 3030
DRIVER BRAND	Sosen	Sosen	Sosen	Sosen
MOUNTING TYPE	Ceiling Mounting	Ceiling Mounting	Ceiling Mounting	Ceiling Mounting
BODY MATERIAL	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
COLOR	Black	Black	Black	Black
BODY SHAPE	Round	Round	Round	Round
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton	1 pc/carton
SKU	ILAR-01066	ILAR-01067	ILAR-01068	ILAR-01069

### TECHNICAL DRAWING



### BEAM ANGLE



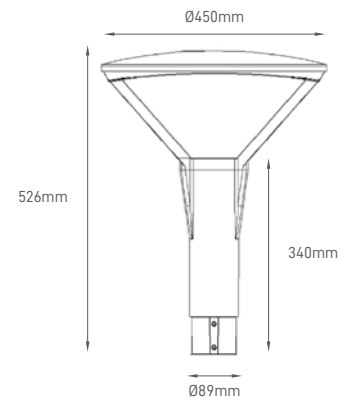


## URBAN DESIGN II

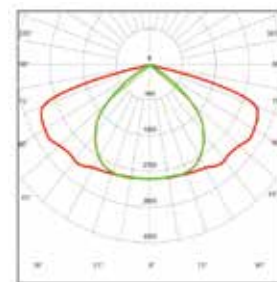
DIE-CAST ALUMINUM PREMIUM DESIGN IP66

WATTS	40W	60W	75W	100W
CCT	4000K	4000K	4000K	4000K
TOTAL LUMINOUS FLUX	4800lm	7200lm	9000lm	12000lm
LUMINOUS EFFICACY	130lm/w	130lm/w	130lm/w	130lm/w
BEAM ANGLE	-	-	-	-
CRI	≥80	≥80	≥80	≥80
IP	IP66	IP66	IP66	IP66
VOLTAGE	100-277V, 50/60Hz	100-277V, 50/60Hz	100-277V, 50/60Hz	100-277V, 50/60Hz
SURGE PROTECTION	6KV line-line, 10KV line-earth	6KV line-line, 10KV line-earth	6KV line-line, 10KV line-earth	6KV line-line, 10KV line-earth
FUNCTIONS	1-10V/DALI	1-10V/DALI	1-10V/DALI	1-10V/DALI
SIZE	☑ 0450x340x526x089mm	0450x340x526x089mm	0450x340x526x089mm	0450x340x526x089mm
CORROSION PROOF	-	-	-	-
PROTECTION CLASS	Class II	Class II	Class II	Class II
PROTECTION CLASS IK	IK08	IK08	IK08	IK08
POWER FACTOR	>0.9	>0.9	>0.9	>0.9
NOMINAL LIFETIME	100000H	100000H	100000H	100000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	SMD 3030	SMD 3030	SMD 3030	SMD 3030
DRIVER BRAND	Sosen	Sosen	Sosen	Sosen
MOUNTING TYPE	Ceiling Mounting	Ceiling Mounting	Ceiling Mounting	Ceiling Mounting
BODY MATERIAL	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
COLOR	Black	Black	Black	Black
BODY SHAPE	Round	Round	Round	Round
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton	1 pc/carton
SKU	ILAR-01070	ILAR-01071	ILAR-01072	ILAR-01073

### TECHNICAL DRAWING



### BEAM ANGLE



# SPECIAL LIGHTING

ILUMINAÇÃO ESPECIAL | SPECIAL LIGHTING | ILUMINACIÓN ESPECIAL

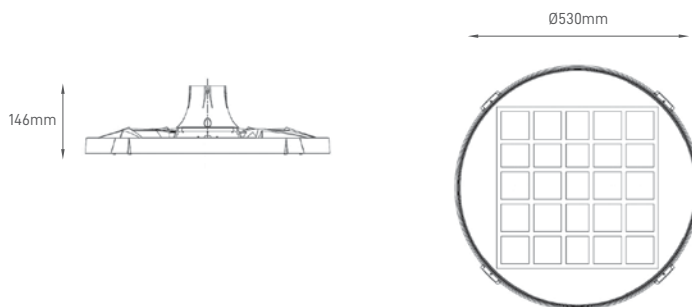


## URBAN SOLAR

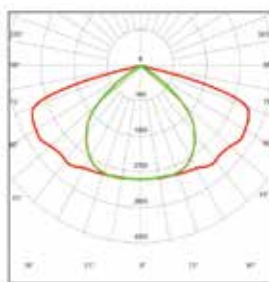
DIE-CAST ALUMINUM PHILIPS LED IP66

WATTS	30W
CCT	● 4000K
TOTAL LUMINOUS FLUX	4500lm
LUMINOUS EFFICACY	150lm
BEAM ANGLE	100°
CRI	≥80
IP	IP66
VOLTAGE	-
CHARGING TIME	8H
DISCHARGING TIME	20H Intelligent mode 3-4 days
BATTERY	12V 30AH
SOLAR PANEL	30W / 18V mono crystalline silicon
SIZE	<input checked="" type="checkbox"/> 750x257x102mm
PROTECTION CLASS IK	IK09
NOMINAL LIFETIME	50000H
STARTING TIME 100% ON	0.0005s
ENERGY LABEL	A+
LED BRAND	Philips Lumiled
DRIVER BRAND	-
MOUNTING TYPE	-
BODY MATERIAL	Die Cast Aluminium
SENSOR	Optional
COLOR	Black
BOX QUANTITY	1 pc/carton
GROSS WEIGHT	-
SKU	■■■■■ On request

### TECHNICAL DRAWING



### BEAM ANGLE





## CELLAR LED



Nas áreas de armazenamento da adega, a iluminação deve ser o mais protetora possível. O espectro de emissão a ser escolhido é, portanto, um espectro estreito e centrado em 590nm. Mas essa escolha não deve ser feita na representação visual da iluminação. A nossa luminária Cellar tem espectro de emissão de luz perfeito, que protege o sabor do vinho.

In cellar storage areas, lighting should be as protective as possible. The emission spectrum to be chosen is, therefore, a narrow spectrum and centered at 590nm. But this choice should not be made in the visual representation of the lighting. Our Cellar luminaire has a perfect light emission spectrum, which protects the wine's flavor.

En las áreas de bodega del almacenamiento, la iluminación debe ser lo más protectora posible. El espectro de emisión a elegir es, por tanto, un espectro estrecho y centrado en 590nm. Pero esta elección no debe realizarse en la representación visual de la iluminación. Nuestra luminaria Cellar tiene un espectro de emisión de luz perfecto, que protege el sabor del vino.

WATTS	20W / 40W / 60W
CCT	4000K
TOTAL LUMINOUS FLUX	1200lm-3600lm
LUMINOUS EFFICACY	60lm/w
THERMAL CONDUCTIVITY	226 W/m-K
CRI	≥80
IP	IP69K
VOLTAGE	200-240V
SIZE	<input checked="" type="checkbox"/> 600 / 1200 / 1500xØ81mm
SURGE PROTECTION	2KV
PROTECTION	OTP, OCP, OVP, SCP
PROTECTION CLASS IK	IK08
POWER FACTOR	>0.9
NOMINAL LIFETIME	50000H
STARTING TIME 100% ON	0.0001s
ON/OFF CYCLES	100.000
ENERGY LABEL	A+
LED BRAND	Osram LED
DRIVER BRAND	Osram Driver
MOUNTING TYPE	-
BODY MATERIAL	PMMA
COLOR	White
BODY SHAPE	Linear
BOX QUANTITY	1 pcs/carton
GROSS WEIGHT	-
SKU	On request

### SPECTRAL

Como prova, um ensaio realizado com duas lâmpadas ambas com espectro cujo pico máximo se situa em 590nm, mas com diferentes espectros de emissão conforme a figura abaixo. A figura 1 não muda o vinho, enquanto a figura 2 causa desvios.

As proof, a test carried out with two lamps both with a spectrum whose maximum peak is located at 590nm, but with different emission spectra as shown in Figure below. The picture 1 doesn't change the wine, while the picture 2 causes deviations.

Como prueba, un ensayo realizado con dos lámparas ambas con un espectro cuyo pico máximo se ubica en 590nm, pero con diferentes espectros de emisión como se muestra en la Figura siguiente. La figura 1 no cambia el vino, mientras que la figura 2 provoca desviaciones.

FIGURA 1

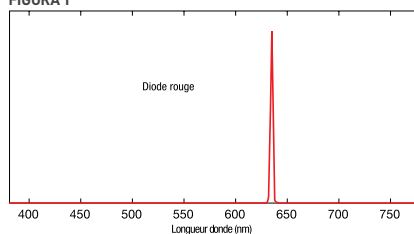
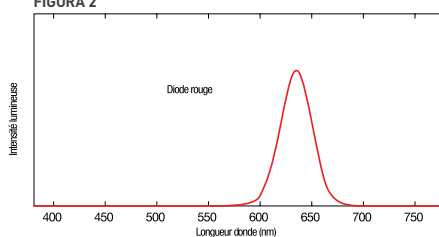


FIGURA 2





# SPECIAL LIGHTING

ILUMINAÇÃO ESPECIAL | SPECIAL LIGHTING | ILUMINACIÓN ESPECIAL



## TUNNEL LED

Luz de túnel com comprimento de 1 metro, pode reduzir as luminárias para obter o mesmo nível de lúmenico. Podem facilmente ser conectadas várias luminárias. O tamanho fino e compacto, mas excelente dissipação de calor. Design de lente óptica 12 em 1, melhora a qualidade da iluminação e o conforto visual com forte resistência à corrosão.

Tunnel light with 1 meter length design, could reduce luminaires to get the same lumen level, further more. Linkable version Flexible in wiring connection. The slim and compact size but excellent heat dissipation. 12 in 1 optic lens design, improve lighting quality and visual comfort with a Strong corrosion resistance.

Luz de túnel con una longitud de 1 metro, se pueden reducir las luminarias para obtener el mismo nivel de lumen Se pueden conectar fácilmente varias luminarias. El tamaño delgado y compacto, pero excelente disipación de calor. Diseño de lente óptica 12 en 1, mejora la calidad de la iluminación y el confort visual con una fuerte resistencia a la corrosión.

WATTS	150W	300W	450W	600W
CCT	3000K-4000K-5000K	3000K-4000K-5000K	3000K-4000K-5000K	3000K-4000K-5000K
TOTAL LUMINOUS FLUX	19500lm	39000lm	58500lm	78000lm
LUMINOUS EFFICACY	130lm/w	130lm/w	130lm/w	130lm/w
BEAM ANGLE	Optional	Optional	Optional	Optional
CRI	≥80	≥80	≥80	≥80
IP	IP66	IP66	IP66	IP66
VOLTAGE	100-277V, 50/60Hz	100-277V, 50/60Hz	100-277V, 50/60Hz	100-277V, 50/60Hz
DIMMING	1-10V/DALI Optional	1-10V/DALI Optional	1-10V/DALI Optional	1-10V/DALI Optional
SIZE	1010x185mm	2x 1010x185mm	3x 1010x185mm	4x 1010x185mm
CORROSION PROOF	-	-	-	-
PROTECTION CLASS	Class II	Class II	Class II	Class II
PROTECTION CLASS IK	IK08	IK08	IK08	IK08
POWER FACTOR	>0.9	>0.9	>0.9	>0.9
NOMINAL LIFETIME	100000H	100000H	100000H	100000H
STARTING TIME 100% ON	0.0001s	0.0001s	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000	100.000	100.000
ENERGY LABEL	A+	A+	A+	A+
LED BRAND	Philips Lumiled	Philips Lumiled	Philips Lumiled	Philips Lumiled
DRIVER BRAND	Separate Driver	Separate Driver	Separate Driver	Separate Driver
MOUNTING TYPE	Ceiling Mounting	Ceiling Mounting	Ceiling Mounting	Ceiling Mounting
BODY MATERIAL	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
COLOR	Grey	Grey	Grey	Grey
BODY SHAPE	Rectangular	Rectangular	Rectangular	Rectangular
BOX QUANTITY	1 pc/carton	1 pc/carton	1 pc/carton	1 pc/carton
SKU	On request	On request	On request	On request



## GAS STATION

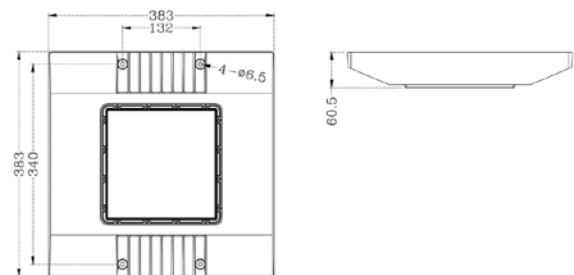
Luminária ideal para bombas de gasolina, equipada com sistema anti explosão, 3 modos de instalação, Baixo UGR e equipada com chips de elevada eficiência Luxeon 5050.

Gas station luminaire equipped with anti-explosion system, 3 installation modes, low UGR and equipped with high efficiency Luxeon 5050 chips.

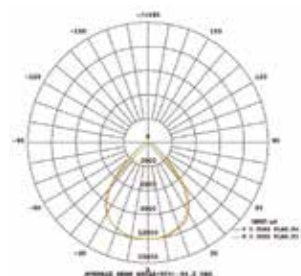
Luminaria de gasolinera equipada com sistema antiexplosión, 3 modos de instalación, bajo UGR y equipada con chips Luxeon 5050 de alta eficiencia.

WATTS	100W	150W
CCT	6500K	6500K
TOTAL LUMINOUS FLUX	16000lm	24000lm
LUMINOUS EFFICACY	160lm/w	160lm/w
BEAM ANGLE	85°	85°
CRI	≥70	≥70
IP	IP66	IP66
VOLTAGE	AC100V-240V 50/60HZ	AC100V-240V 50/60HZ
DIMMABLE	Optional	Optional
SIZE	383x383x61mm	383x383x61mm
MOUNTING HEIGHT	6-18m	6-18m
PROTECTION CLASS	Class II	Class II
PROTECTION CLASS IK	IK08	IK08
POWER FACTOR	-	-
NOMINAL LIFETIME	>50000	>50000
STARTING TIME 100% ON	0.0001s	0.0001s
ON/OFF CYCLES	100.000	100.000
ENERGY LABEL	A+	A+
LED BRAND	Luxeon 5050/Leyond 5050	Luxeon 5050/Leyond 5050
DRIVER BRAND	Meanwell Driver	Meanwell Driver
MOUNTING TYPE	-	-
BODY MATERIAL	Aluminum Shell	Aluminum Shell
COLOR	White	White
BODY SHAPE	Square	Square
BOX QUANTITY	1 pc/carton	1 pc/carton
SKU	On request	On request

### TECHNICAL DRAWING



### BEAM ANGLE





# HORTICULTURE

## LIGHTING SOLUTION

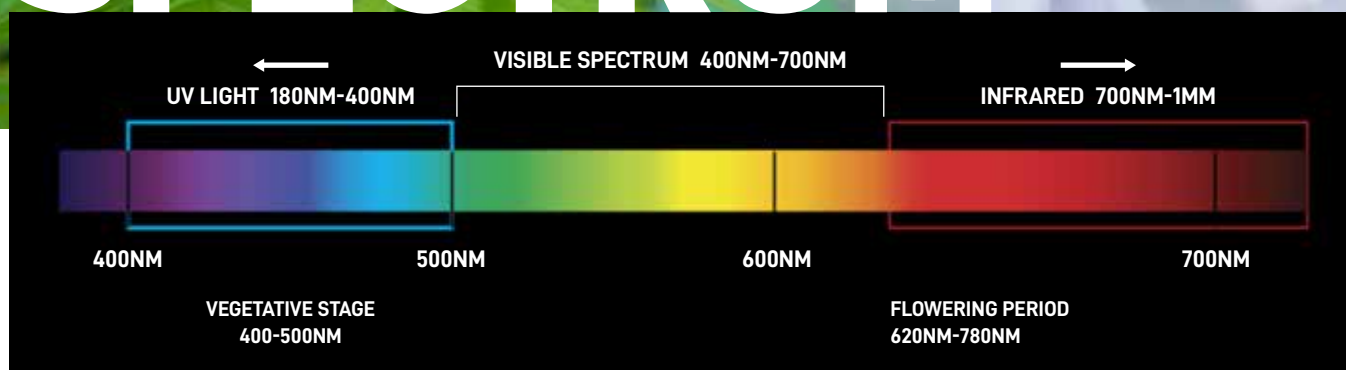




# 1. CANNABIS



# THE RIGHT SPECTRUM



## CANNABIS

Cannabis é uma planta para a qual a luz é um componente necessário para induzir a floração. A planta de cannabis floresce quando os dias são curtos e quando o sinal químico da planta começa a acumular.

Na natureza, vemos isso acontecer durante o outono. Numa produção controlada, as luzes de cultivo podem ser usadas para manipular esta sinalização química para melhor controlar as taxas de crescimento da cultura, rendimento e outras características.

Cannabis is a plant for which light (or dark) is a necessary component for inducing flowering. Cannabis will flower only when days are short as the plant's chemical signal begins to accumulate.

In nature, we see this happen during the fall. In a controlled production setting, grow lights can be used to manipulate this chemical signaling to better control crop growth rates, yield, and other characteristics.

El cannabis florecerá solo cuando los días sean tan corto como la señal química de la planta comienza a acumular.

En la naturaleza, vemos que esto sucede durante el otoño. En un entorno de producción controlado, las luces de cultivo pueden ser utilizado para manipular esta señalización química para controlar mejor las tasas de crecimiento de los cultivos, el rendimiento y otras características.



# CONCEITOS BÁSICOS

## BASIC CONCEPTS | CONCEPTOS BASICOS

### PHOTOSYNTHETIC

#### ACTIVE RADIATION

A luz PAR são os comprimentos de onda da luz dentro da faixa visível de 400 a 700 nanômetros (nm) que conduzem a fotossíntese.

*PAR light is the wavelengths of light within the visible range of 400 to 700 nanometers (nm) which drive photosynthesis.*

*La luz PAR son las longitudes de onda de la luz dentro del rango visible de 400 a 700 nanómetros (nm) que impulsan la fotosíntesis.*

#### DLI

Número de fótons fotossinteticamente ativos que numa área específica ao longo de um período de 24 horas - mol / m<sup>2</sup> / d.

*Number of photosynthetically active photons that are delivered to a specific area over a 24-hour period - mol/m<sup>2</sup>/d.*

*Número de fotones fotossinteticamente activos que en un área específica durante un período de 24 horas - mol / m<sup>2</sup> / d.*

#### PPE

Eficácia fotossintética de fótons - umol / s / W ou umol / J

*Photosynthetic photon efficacy - umol/s/W or umol/J*

*Eficacia del fotón fotosintética: umol / s / W o umol / J*

### PHOTOSYNTHETIC

#### PHOTON FLUX

O PPF mede a quantidade total de PAR que é produzida por um sistema de iluminação a cada segundo.

*PPF measures the total amount of PAR that is produced by a lighting system each second.*

*PPF mide la cantidad total de PAR que produce un sistema de iluminación cada segundo.*

#### GREENHOUSE

Estrutura feita principalmente de materiais transparentes, como o vidro, onde as plantas requerem condições climáticas reguladas.

*A structure made of transparent material, such as glass, in which plants requiring regulated climatic conditions are grown.*

*Una estructura hecha principalmente de material transparente, como el vidrio, en el que se cultivan plantas que requieren condiciones climáticas reguladas.*

#### PPFD

O PPFD mede a quantidade de PAR que realmente chega à planta.

*PPFD measures the amount of PAR that actually arrives at the plant.*

*PPFD mide la cantidad de PAR que llega realmente a la planta.*

## REQUISITOS DE ILUMINAÇÃO

### LIGHTING REQUIREMENT FOR CANNABIS | REQUISITOS DE ILUMINACIÓN PARA PLANTAS

DLI (MOL/M <sup>2</sup> /D)	CANNABIS TYPE	CLONE	VEGETATIVE	FLOWERING
PHOTOPERIOD		12-25 (18/6H)		36-45 (12/12H)
PPFD (UMOL/S/M <sup>2</sup> )	HEMP	100-250	400-600	600-800
DAY TEMPERATURES		VEG: 20-30° C   70-85° F		
NIGHT TEMPERATURES	SATIVA	FLOWERING: 18-26° C   65-80° F		
SEEDLING TO TRANSPLANT	INDICA	PS: LOWER A 10°F (8°C) DURING NIGHT		
VEGETATIVE TO HARVEST		3-5 WEEKS		
PH		3-4 MONTHS		
		5.6-6.2		

# HORTICULTURE LIGHTING SOLUTION

CANNABIS



## HORTI MASTER 1

### O QUE PODE CONSEGUIR COM A LUZ CORRETA?

- ↳ Maximizar Rendimentos.
- ↳ Controlar os níveis de THC e outros canabinoides.
- ↳ Acelerar a floração.
- ↳ Manter a uniformidade geral.

### DIFFERENT GOALS FOR CANNABIS GROWERS

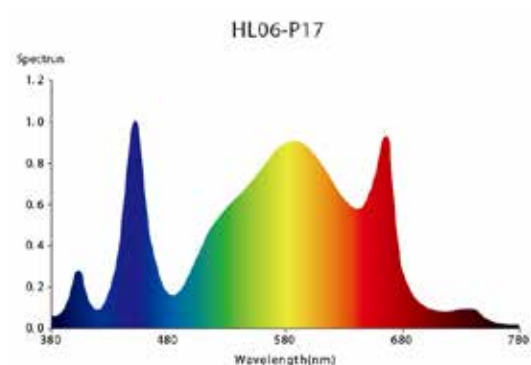
- ↳ Maximizing yields.
- ↳ Controlling levels of THC and other cannabinoid production.
- ↳ Increasing flowering.
- ↳ Maintain overall uniformity.

### ¿QUÉ SE PUEDE LOGRAR CON LA LUZ ADECUADA?

- ↳ Maximizar el rendimiento.
- ↳ Controlar los niveles de THC y otros cannabinoides.
- ↳ Acelera la floración.
- ↳ Mantener la uniformidad general.

WATTS	300W	600W
PPE (UMOL/J)	2.3umol/J	2.4umol/J
SPECTRUM	WR	WR
PPF	690umol/s	1440umol/s
INPUT VOLTAGE	100-277VAC, 50/60Hz	100-277VAC, 50/60Hz
PROTECTION CLASS	IP65	IP65
CERTIFICATE	CE, ROHS	CE, ROHS
DIMMING	0-10V	0-10V
WORKING TEMPERATURE	0°C-40°C	0°C-40°C
NET WEIGHT	8 kg	11.6 kg
SIZE	<input checked="" type="checkbox"/> L 1221 x W 98 x H1 28mm	L 1221 x W 98 x H1 28mm
SKU	<input type="checkbox"/> On request	<input type="checkbox"/> On request

### SPECTRAL





# HORTI FRAME MASTER

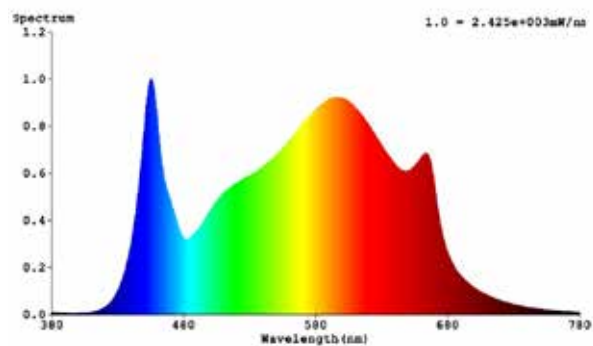
Horti Frame Master é um design inovador e um avanço na agricultura vertical hortícola. Esta luminária para horticultura foi construída para fábricas agrícolas verticais comerciais e estufas. É adequado para culturas de tecidos, frutas de interior, folhas verdes e cannabis de interior.

*Horti Frame Master is an innovative design and a breakthrough in the horticultural vertical farming. This horticultural luminaire is built for commercial vertical farming factories & greenhouse. It is suitable for tissue cultures, Indoor fruits, Leafy greens and indoor cannabis.*

Horti Frame Master é um design inovador e um avanço na agricultura vertical hortícola. Esta luminária para horticultura foi construída para fábricas agrícolas verticais comerciais e estufas. É adequado para culturas de tecidos, frutas de interior, folhas verdes e cannabis de interior.

POWER	600-800W
LIGHTING EFFICIENCY	2.0-2.5 optional (±5%)
SPECTRUM	UV+White+Red+IR / White+Red
PPF	1600-2000umol/s
INPUT VOLTAGE	100-277VAC, 277-480V, 50/60Hz
PROTECTION CLASS	IP65
CERTIFICATE	CE, ETL, ROHS
INTELLIGENT CONTROL	0-10V
CHIP	Nichia+Prolight / Samsung+Osram
DRIVER	Moso X6-240X062;Sosen SS-240M-56BH
WORKING TEMPERATURE	0°C-40°C
NET WEIGHT	10.9KG/24lbs
SIZE	<input checked="" type="checkbox"/> L 1063 x W 1070 x H 88mm
SKU	■■■■■ On request

## SPECTRAL





# HORTICULTURE LIGHTING SOLUTION

CANNABIS



## HORTI FRAME MARS

### O QUE PODE CONSEGUIR COM A LUZ CORRETA?

- ↳ Maximizar Rendimentos.
- ↳ Controlar os níveis de THC e outros canabinoides.
- ↳ Acelerar a floração.
- ↳ Manter a uniformidade geral.

### DIFFERENT GOALS FOR CANNABIS GROWERS

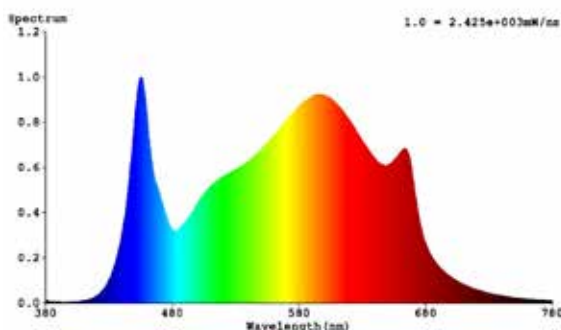
- ↳ Maximizing yields.
- ↳ Controlling levels of THC and other cannabinoid production.
- ↳ Increasing flowering.
- ↳ Maintain overall uniformity.

### ¿QUÉ SE PUEDE LOGRAR CON LA LUZ ADECUADA?

- ↳ Maximizar el rendimiento.
- ↳ Controlar los niveles de THC y otros cannabinoides.
- ↳ Acelera la floración.
- ↳ Mantener la uniformidad general.

POWER	600-720W
LIGHTING EFFICIENCY	2.0-2.6umol/J (±5%)
SPECTRUM	UV+White+Red+IR / White+Red
PPF	1200 - 1620 umol/s (±5%)
INPUT VOLTAGE	100-277VAC; 50/60Hz
PROTECTION CLASS	IP65
CERTIFICATE	CE, ETL, ROHS
INTELLIGENT CONTROL	0-10V
CHIP	Nichia+Prolight / Samsung+Osram
DRIVER	Sosen VP
WORKING TEMPERATURE	0°C-40°C
NET WEIGHT	11.5 kg
SIZE	<input checked="" type="checkbox"/> L 1033 x W 1202 x H 94mm
SKU	<input type="checkbox"/> On request

### SPECTRAL





# HORTI FRAME SPEC

Horti Frame Spec é uma solução de iluminação vertical de última geração para o cultivo comercial de horticultura, com o poder de escalar desde o crescimento da semente até a vegetação.

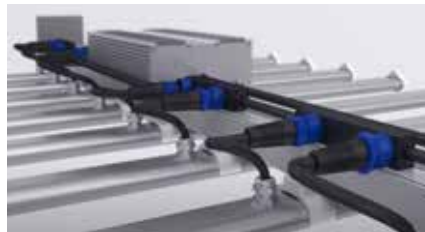
Horti Frame Spec is a state-of-the-art vertical lighting solution for commercial horticulture cultivation, with the power to scale from seeding growth to vegetative.

Horti Frame Spec é uma solução de iluminação vertical de última geração para o cultivo comercial de horticultura, com o poder de escalar desde o crescimento da semente até a vegetação.



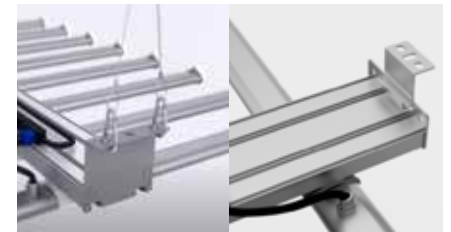
### 1. ESPAÇO AJUSTÁVEL DA LÂMPADA

Adjustable lamp space  
Espacio de lámpara ajustable



### 2. DESIGN PLUG AND PLAY DA BARRA, FÁCIL SUBSTITUIÇÃO

Plug and play design of the bar, convenient replacement  
Diseño plug and play de la barra, reemplazo conveniente

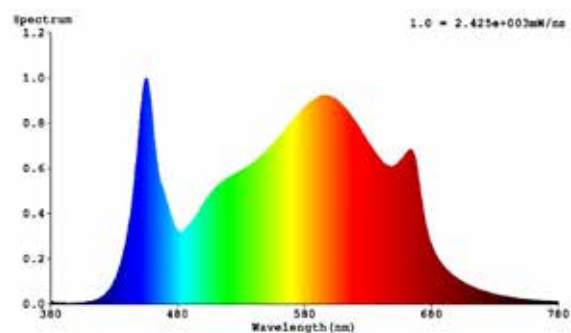


### 3. INSTALAÇÃO FLEXÍVEL

Flexible installation  
Instalación flexible

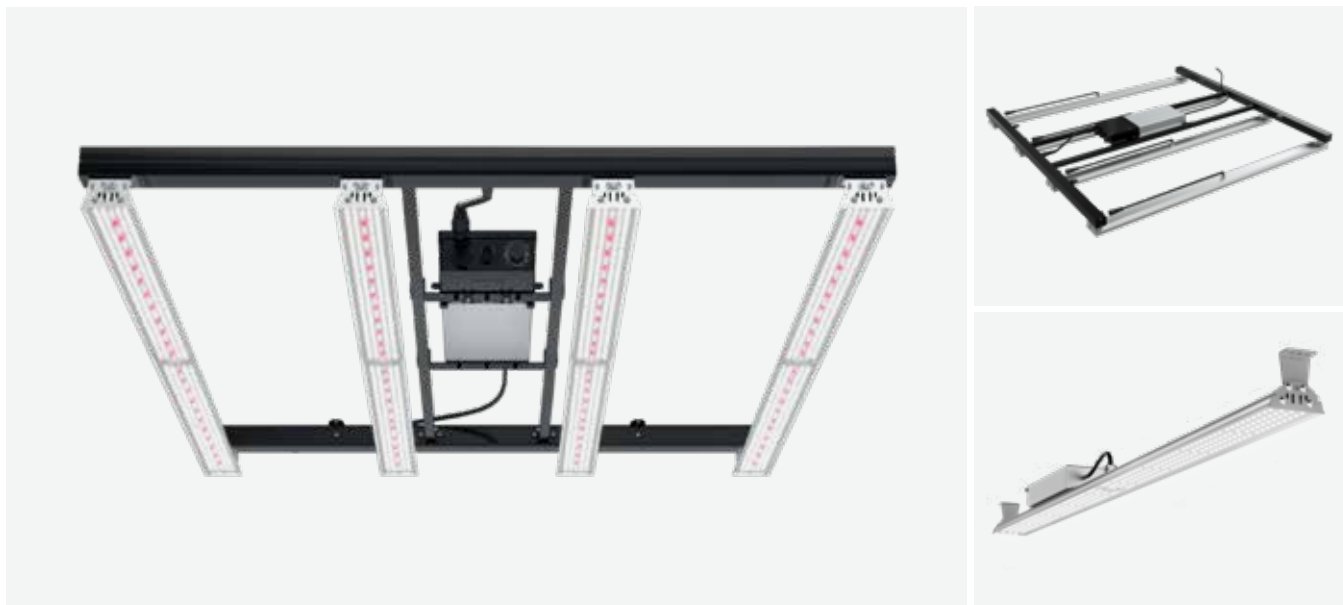
POWER	600W
LIGHTING EFFICIENCY	2,4 umol/l (±5%)
SPECTRUM	White+Red
PPF	1440 umol/s (±5%)
INPUT VOLTAGE	100-277VAC , 50/60Hz
PROTECTION CLASS	IP65
CERTIFICATE	CE, ROHS
INTELLIGENT CONTROL	0-10V
CHIP	Nichia+Osram
DRIVER	Sosen VP
WORKING TEMPERATURE	0°C-40°C
NET WEIGHT	15.5 kg
SIZE	<input checked="" type="checkbox"/> L 1117mm x W 1253mm x H 117mm
SKU	On request

### SPECTRAL



# HORTICULTURE LIGHTING SOLUTION

CANNABIS



## HORTI FRAME SKY PRO

### ADEQUADO PARA APLICAÇÕES AGRÍCOLAS VERTICAIS E CANNABIS INDOOR

- ↳ Suporte de driver externo de 4 barras.
- ↳ Instalação sem ferramentas, fácil de manter.
- ↳ Até 2,7 umol / J.
- ↳ 5 anos de garantia com IP65.

### SUITABLE FOR VERTICAL FARMING APPLICATION, INDOOR CANNABIS

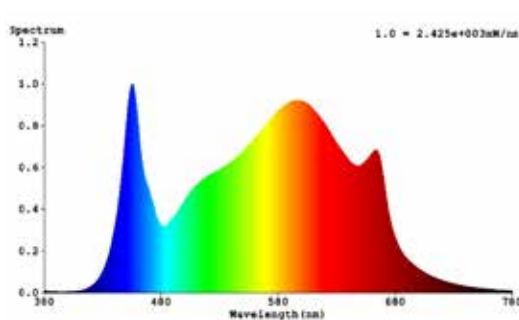
- ↳ 4 bars external driver bracket design.
- ↳ Toolless installation, easy for maintain.
- ↳ Up to 2.7 umol/J.
- ↳ 5 years warranty with IP65 waterproof.

### ADECUADO PARA APLICACIONES DE CULTIVO VERTICAL, CANNABIS DE INTERIOR

- ↳ Diseño de soporte de controlador externo de 4 barras.
- ↳ Instalación sin herramientas, fácil de mantener.
- ↳ Hasta 2.7 umol / J.
- ↳ 5 años de garantía y IP65.

<b>POWER</b>	<b>600W-720W</b>
<b>LIGHTING EFFICIENCY</b>	2.7umol/J (±5%)
<b>SPECTRUM</b>	White+Red
<b>PPF</b>	1620 umol/s (±5%)
<b>INPUT VOLTAGE</b>	100-277VAC; 50/60Hz
<b>PROTECTION CLASS</b>	IP65
<b>CERTIFICATE</b>	CE, ETL, ROHS
<b>INTELLIGENT CONTROL</b>	0-10V
<b>CHIP</b>	Smalite 2835+Prolight 660nm
<b>DRIVER</b>	Sosen VP
<b>WORKING TEMPERATURE</b>	0°C-40°C
<b>NET WEIGHT</b>	12 kg
<b>SIZE</b>	<input checked="" type="checkbox"/> L 1140 x W 1100 x H 115mm (approximate)
<b>SKU</b>	<input type="checkbox"/> On request

### SPECTRAL






# HORTI SLIM MASTER

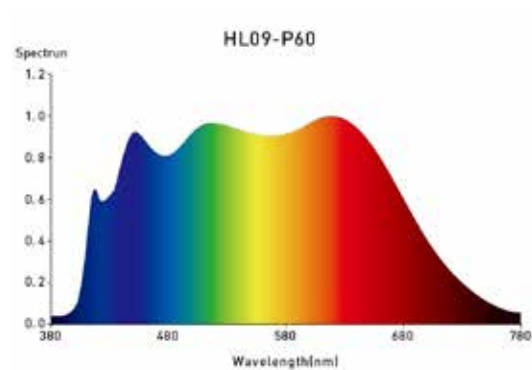
O Horti Slim Master é adequado para as fases de floração e vegetativa. Um sistema de refrigeração passivo. Adequado para soluções de iluminação de topo ou moldura.

The Horti Slim Master is suitable for flowering and vegetative stages. A passive cooling system. Suitable for frame or top lighting solutions.

El Horti Slim Master es adecuado para etapas de floración y vegetativa. Un sistema de enfriamiento pasivo. Adequado para soluciones de iluminación de marco o superior.

<b>POWER</b>	<b>150W / 200W optional</b>
<b>LIGHTING EFFICIENCY</b>	2.0-2.3 umol/J (±5%)
<b>SPECTRUM</b>	Shineon/Sunlike/WR
<b>PPF</b>	270umol/s; 225umol/s; 345 umol/s (±5%)
<b>INPUT VOLTAGE</b>	100-277VAC; 50/60Hz
<b>PROTECTION CLASS</b>	IP65
<b>CERTIFICATE</b>	CE, ROHS
<b>INTELLIGENT CONTROL</b>	0-10V
<b>CHIP</b>	Shineon/Seoul/Nichia+Prolight
<b>DRIVER</b>	Sosen,Moso optional
<b>WORKING TEMPERATURE</b>	0°C-40°C
<b>NET WEIGHT</b>	2.1 kg
<b>SIZE</b>	<input checked="" type="checkbox"/> L 1148 x W 72 x H 60.4mm
<b>SKU</b>	 On request

## SPECTRAL



# HORTICULTURE LIGHTING SOLUTION

CANNABIS



## HORTI UFO MASTER 1

A luminária de 600W é uma substituição equivalente a 1: 1 com as lâmpadas de cultivo existentes de 1000 W e 1200 W HPS / MH, o que torna as lâmpadas Horti Ufo Master 1 fáceis para produtores, instaladores e construtores de estufas.

Horti Ufo Master 1 é usado tanto para o estado vegetativo como de floração da planta de cannabis. A sua área de cobertura é de 2.25 M2 na fase de floração e mais de 7.75 M2 na fase vegetativa.

600W High bay grow lighting is 1:1 equivalent replacement with existing 1000W and 1200W HPS/MH grow lights, which makes Horti Ufo Master 1 top lights easy for growers, installers, and greenhouse builders.

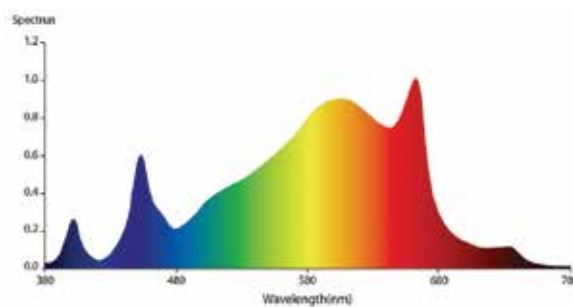
Horti Ufo Master 1 is used for both vegetative and flower growth of marijuana. Its coverage area includes 2.25M2 in marijuana flower stage and over 7.75 M2 in vegetative stage.

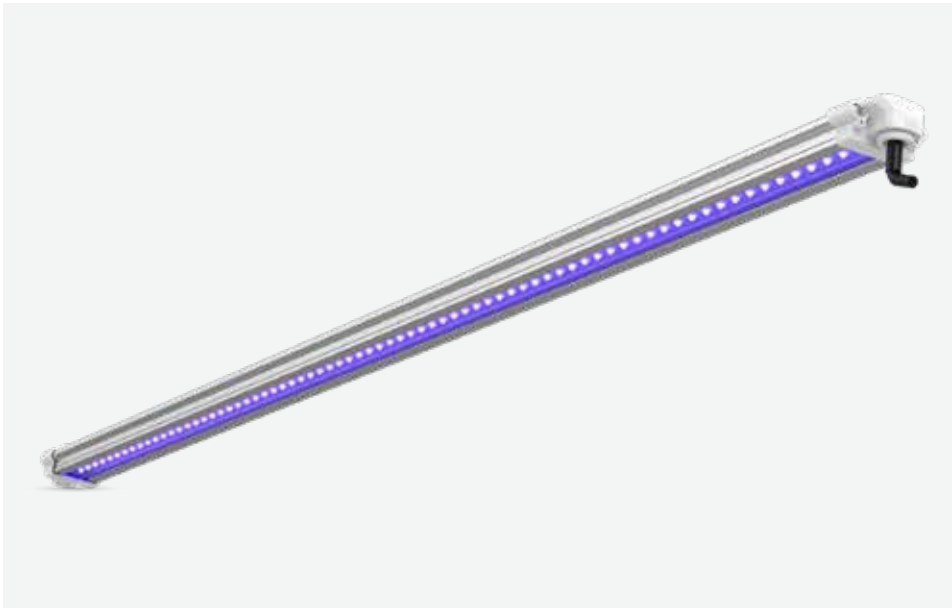
La luminaria de 600 W es un reemplazo equivalente 1: 1 con las lámparas de cultivo HPS / MH de 1000 W y 1200 W existentes, lo que hace que las lámparas Horti Ufo Master 1 sean fáciles para los productores, instaladores y constructores de invernaderos.

Horti Ufo Master 1 se utiliza tanto para el estado vegetativo como para el estado de floración de la planta de cannabis. Su área de cobertura es de 2.25 M2 en la fase de floración y más de 7.75 M2 en la fase vegetativa.

<b>POWER</b>	<b>600W</b>
<b>SYSTEM EFFICACY</b>	>2.0umol/J 2.3umol/J (400-700nm)
<b>PPF OUTPUT</b>	>1380umol/s
<b>POWER INPUT</b>	100-277Vac
<b>INPUT FREQUENCY</b>	50-60 Hz
<b>POWER FACTOR</b>	>0.95
<b>DIMMING</b>	0-10V
<b>IP RATING</b>	IP65
<b>SIZE</b>	<input checked="" type="checkbox"/> Ø454 x 298 mm
<b>CERTIFICATE</b>	CE, ROHS
<b>WEIGHT</b>	12 kg
<b>SKU</b>	■■■■ On request

### SPECTRAL





# HORTI UV-PRO

As luzes de cultivo LED UV suplementares podem ser usadas na fase de floração da cannabis, ajudando a aumentar o teor de THC da cannabis.

A luz ultravioleta de cultivo como uma iluminação suplementar pode combinar com a sua iluminação cannabis atual em aplicações em estufas / cultivo interno / vertical e em tendas de cultivo.

The supplemental UV LED grow lights could be used in the cannabis flowering stage, help with increasing the THC content of cannabis.

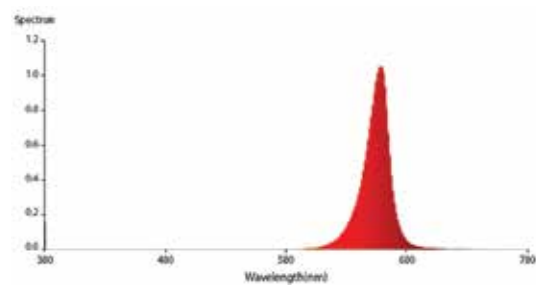
UV grow light as a supplemental lighting can match up with your current cannabis lighting in greenhouse/ indoor/ vertical farming and grow tent applications.

Las luces de cultivo LED UV suplementarias podrían usarse en la etapa de floración del cannabis, lo que ayuda a aumentar el contenido de THC del cannabis.

La luz de cultivo UV como iluminación suplementaria puede coincidir con la iluminación de cannabis actual en aplicaciones de cultivo de invernadero / interior / vertical y tiendas de cultivo.

POWER	30W
WAVELENGTH	385nm
POWER SUPPLY	30W
INPUT VOLTAGE	100-277Vac, 50-60 Hz
BEAM ANGLE	120°
PRODUCT DIMENSION	605 x 57 x 31mm
	1145 x 57 x 31mm
WEIGHT (DRIVER INCLUDED)	0.85 ± 0.1kg
	1.5 ± 0.1kg
IP RATING	IP65
INSTALLATION	Clips, hanging hook&rope, bracket
CERTIFICATE	ETL
SKU	On request

## SPECTRAL





## 2. VINE CROPS






# HORTI UFO MASTER 2

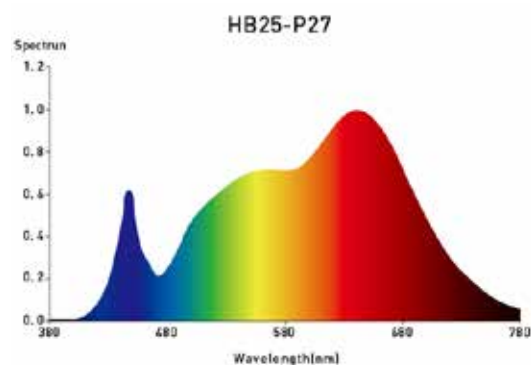
A luminária a LED Horti Ufo Master 2 vem com um design menor, mais leve e mais poderoso. É uma luminária superior ideal em estufas e indoor farms que cultivem flores, alfaces e videiras.

Horti Ufo Master 2 shaped LED grow light comes with smaller, lighter, and more powerful design. It is an ideal top lighting in greenhouse and indoor farms growing flowers, lettuce, and vine crops.

La luminaria Horti Ufo Master 2 viene con un diseño más pequeño, ligero y potente. Es una luminaria superior ideal en invernaderos y granjas de interior que cultivan flores, lechugas y vides.

POWER	300W
SYSTEM EFFICACY	>1.8umol/J (400-700nm)
PPF OUTPUT	>540umol/s
POWER INPUT	100-277Vac
INPUT FREQUENCY	50-60 Hz
POWER FACTOR	>0.92
DIMMING	NON
IP RATING	IP65
SIZE	<input checked="" type="checkbox"/> Ø360 x 394 mm
CERTIFICATE	CE, ROHS
WEIGHT	5.2 kg
SKU	 On request

## SPECTRAL







### 3. LEAFY GREENS





# HORTI HYDRO MASTER TUBE

O Horti Hydro Master Tube é personalizado a partir do Horti Hydro Master 600W, que é projetado para fazendas verticais e fábricas.

*Horti Hydro Master Tube is customized from Horti Hydro Master 600W, which is designed for vertical farms and plant factories.*

*Horti Hydro Master Tube se personaliza a partir de Horti Hydro Master 600W, que está diseñado para granjas verticales y fábricas de plantas.*

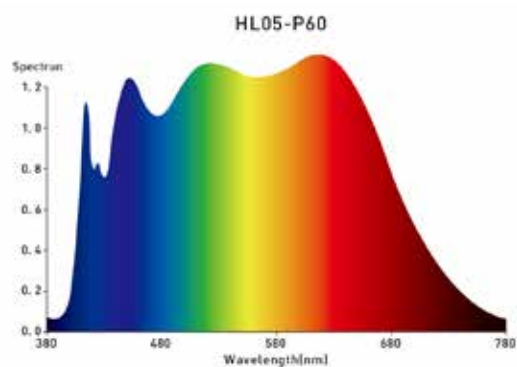
O Horti Single Tube fornece os nutrientes exatos que cada planta precisa com controle de temperatura e humidade para criar uma zona climática otimizada durante todo o ano.

*Horti Single Tube delivers the exact nutrients each plant needs with temperature and humidity control to create an optimized climate zone year-round.*

*Horti Single Tube proporciona los nutrientes exactos que cada planta necesita con control de temperatura y humedad para crear una zona climática optimizada durante todo el año.*

POWER	40W
SYSTEM EFFICACY	>1.8umol/J (400-700nm)
PPF OUTPUT	60-72uMol/s
POWER INPUT	100-277Vac
INPUT FREQUENCY	50-60Hz
POWER FACTOR	>0.98
DIMMING	NON
IP RATING	IP65
SIZE	<input checked="" type="checkbox"/> 1160 x 309 x 140mm
CERTIFICATE	CE, ROHS
WEIGHT	0.8kg (without including components)
SKU	On request

## SPECTRAL



# HORTICULTURE LIGHTING SOLUTION

FOLHAS VERDES | LEAFY GREENS | HOJAS VERDES



## HORTI UFO MASTER 3

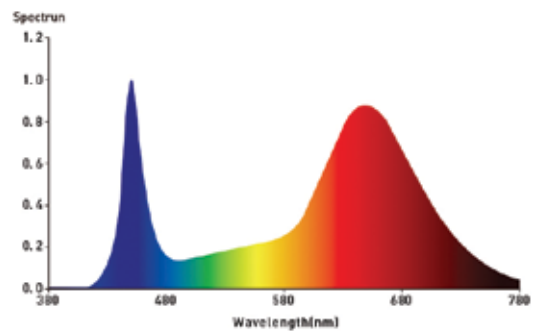
Horti UFO Master 3 shape LED grow light comes with smaller, lighter, and more powerful design. It can replace traditional 250W or 400W HPS or MH. Optional optic lens available to reduce beam width and increase intensity. Good for leafy greens greenhouse and indoor farm projects.

Horti UFO Master 3 shape LED grow light comes with smaller, lighter, and more powerful design. It can replace traditional 250W or 400W HPS or MH. Optional optic lens available to reduce beam width and increase intensity. Good for leafy greens greenhouse and indoor farm projects.

Horti UFO Master 3 shape LED grow light comes with smaller, lighter, and more powerful design. It can replace traditional 250W or 400W HPS or MH. Optional optic lens available to reduce beam width and increase intensity. Good for leafy greens greenhouse and indoor farm projects.

POWER	150W	200W
SYSTEM EFFICACY	>1.8umol/J (400-700nm)	>1.8umol/J (400-700nm)
PPF OUTPUT	>270umol/s	>360umol/s
POWER INPUT	180-528Vac	180-528Vac
INPUT FREQUENCY	50-60Hz	50-60Hz
POWER FACTOR	>0.92	>0.92
DIMMING	NON	NON
IP RATING	IP65	IP65
SIZE	<input checked="" type="checkbox"/> Ø287×186mm	Ø287×198mm
CERTIFICATE	CE, ROHS	CE, ROHS
WEIGHT	4,4 kg	4,5 kg
SKU	<input type="checkbox"/> On request	<input type="checkbox"/> On request

### SPECTRAL






# HORTI GREEN

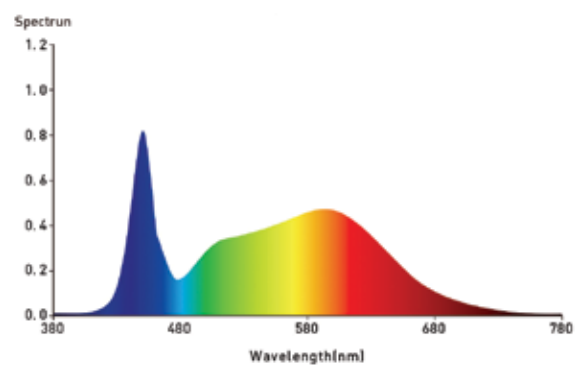
As hortas verticais e fábricas de plantas usam lâmpadas de cultivo Horti-Green para cultivar folhas verdes, fornecendo os nutrientes exatos que cada planta precisa com controle de temperatura e humidade para criar uma zona climática otimizada durante todo o ano.

Vertical farms and plant factory use Horti-Green grow lights to grow leafy greens and cannabis clone, deliver the exact nutrients each plant needs with temperature and humidity control to create an optimized climate zone year-round.

Las granjas verticales y las fábricas de plantas utilizan lámparas de cultivo Horti-Green para cultivar hojas verdes, proporcionando los nutrientes exactos que cada planta necesita con control de temperatura y humedad para crear una zona climática optimizada durante todo el año.

<b>POWER</b>	<b>20W / 30W (±5%)</b>
<b>LIGHTING EFFICIENCY</b>	Shineon=2.0 umol/J (±5%)
<b>SPECTRUM</b>	Shineon full spectrum
<b>PPF</b>	40-60 umol/s (±5%)
<b>INPUT VOLTAGE</b>	100-277VAC; 50/60Hz
<b>PROTECTION CLASS</b>	IP65
<b>CERTIFICATE</b>	CE, ETL, ROHS
<b>INTELLIGENT CONTROL</b>	NON
<b>CHIP</b>	Shineon (standard); Sunlike/Samsung optional
<b>DRIVER</b>	Upspine inside driver
<b>WORKING TEMPERATURE</b>	0°C~40°C
<b>NET WEIGHT</b>	0.5kg
<b>SIZE</b>	L 1200 x W 48 x H 33mm <input checked="" type="checkbox"/>
<b>SKU</b>	 On request

## SPECTRAL





# 4. FLORICULTURE





# HORTI SLIM MASTER 2

Horti Slim Master 2 oferece um espectro de qualidade superior para melhorar a uniformidade da luz, aumentar a produção e reduzir o tempo de cultivo.

*Horti Slim Master 2 offers higher quality spectrum to make it possible for light uniformity, increase production and reduce time to market.*

Horti Slim Master 2 ofrece un espectro de calidad superior para mejorar la uniformidad de la luz, aumentar la producción y reducir el tiempo de cultivo.

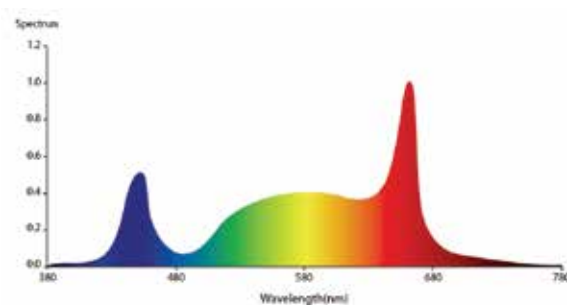
Iluminação LED de alta eficiência para floricultura de 2.3µmol / j para estufas comerciais com flores de alta qualidade.

*High Efficiency 2.3µmol/j LED floriculture lighting for commercial greenhouse growing high quality flowers.*

Iluminación LED de alta eficiencia para floricultura de 2.3µmol / j para invernaderos comerciales con flores de alta calidad.

POWER	200W
SYSTEM EFFICACY	>2.3µmol/j (400-700nm)
PPF OUTPUT	>460µmol/s
POWER INPUT	100-277Vac
INPUT FREQUENCY	50-60Hz
POWER FACTOR	>0.95
DIMMING	NON
IP RATING	IP65
SIZE	<input checked="" type="checkbox"/> 1025 x 90 x 73mm
CERTIFICATE	CE, ROHS
WEIGHT	3 kg
SKU	On request

SPECTRAL



# HORTICULTURE LIGHTING SOLUTION

FLORICULTURA | FLORICULTURE | FLORICULTURA



## HORTI UFO MASTER 4

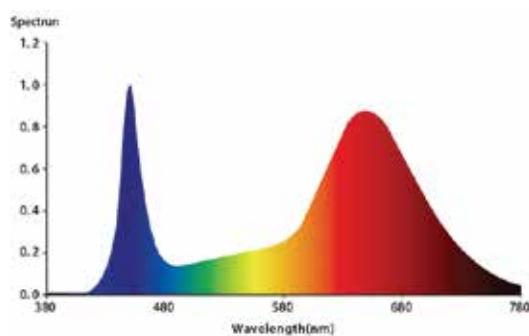
A Iluminária Horti-UFO Master 4 vem com um design menor, mais leve e mais poderoso. Pode substituir o tradicional 250W ou 400W HPS ou MH.

Horti-UFO Master 4 shape LED grow light comes with smaller, lighter and more powerful design. It can replace traditional 250W or 400W HPS or MH.

La luz de crecimiento LED Horti-UFO Master 4 shape viene con un diseño más pequeño, más liviano y más poderoso. Puede reemplazar los tradicionales 250W o 400W HPS o MH.

POWER	150W	200W
SYSTEM EFFICACY	>1.8umol/J (400-700nm)	>1.8umol/J (400-700nm)
PPF OUTPUT	>270umol/s	>360Umol/s
POWER INPUT	180-528Vac	180-528Vac
INPUT FREQUENCY	50-60Hz	50-60Hz
POWER FACTOR	>0.92	>0.92
DIMMING	NON	NON
IP RATING	IP65	IP65
SIZE	<input checked="" type="checkbox"/> Ø287 x 186mm	Ø287 x 198mm
CERTIFICATE	CE, ROHS	CE, ROHS
WEIGHT	4.4 kg	4.5 kg
SKU	<input type="checkbox"/> On request	<input type="checkbox"/> On request

### SPECTRAL





# MORE POWERFUL





# ARON SMART WIFI APP

FEEL THE EXPERIENCE

100% WIFI IOT

# Soluções inteligentes para o seu dia-a-dia

Smart solutions for your everyday

Aron Smart é uma aplicação de controlo Wi-Fi via telemóvel ou tablet que permite configurar e controlar diferentes dispositivos da nossa linha Smart de onde estiver:

Aron Smart is a Wi-Fi control application via smartphone or tablet that allows you to configure and control different devices of our Smart line from wherever you are:

- **Lâmpadas Smart**  
Smart Lamps
- **Tomadas Smart com contador de energia**  
Smart Sockets with power meter
- **Interruptores Smart**  
Smart Switches
- **Câmeras Smart com sensores de movimento e som**  
Smart Cameras with motion and sound sensors



APP disponível:



APP compatível:



# ARON SMART

100% WIFI | IOT



## C37 RGB KIT SMART



Lâmpada de vela controlada por Wifi com função de Dimming, RGB e mudança de CCT.

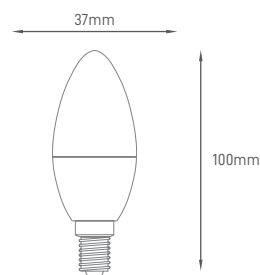
Wifi Controlled Candle Bulb with Dimming, RGB, and CCT change function.

Bombilla de vela controlada por wifi con función de Dimming, RGB, y cambio de CCT.

WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	UNIT KIT	SKU
4,5W	RGB + 2700K-6500K	350lm	180°	>80	220-240V	A+	25000H	15000X	0.5s	37x100mm	>0.9	Aluminium/PVC	2 Bulbs	ILAR-00730



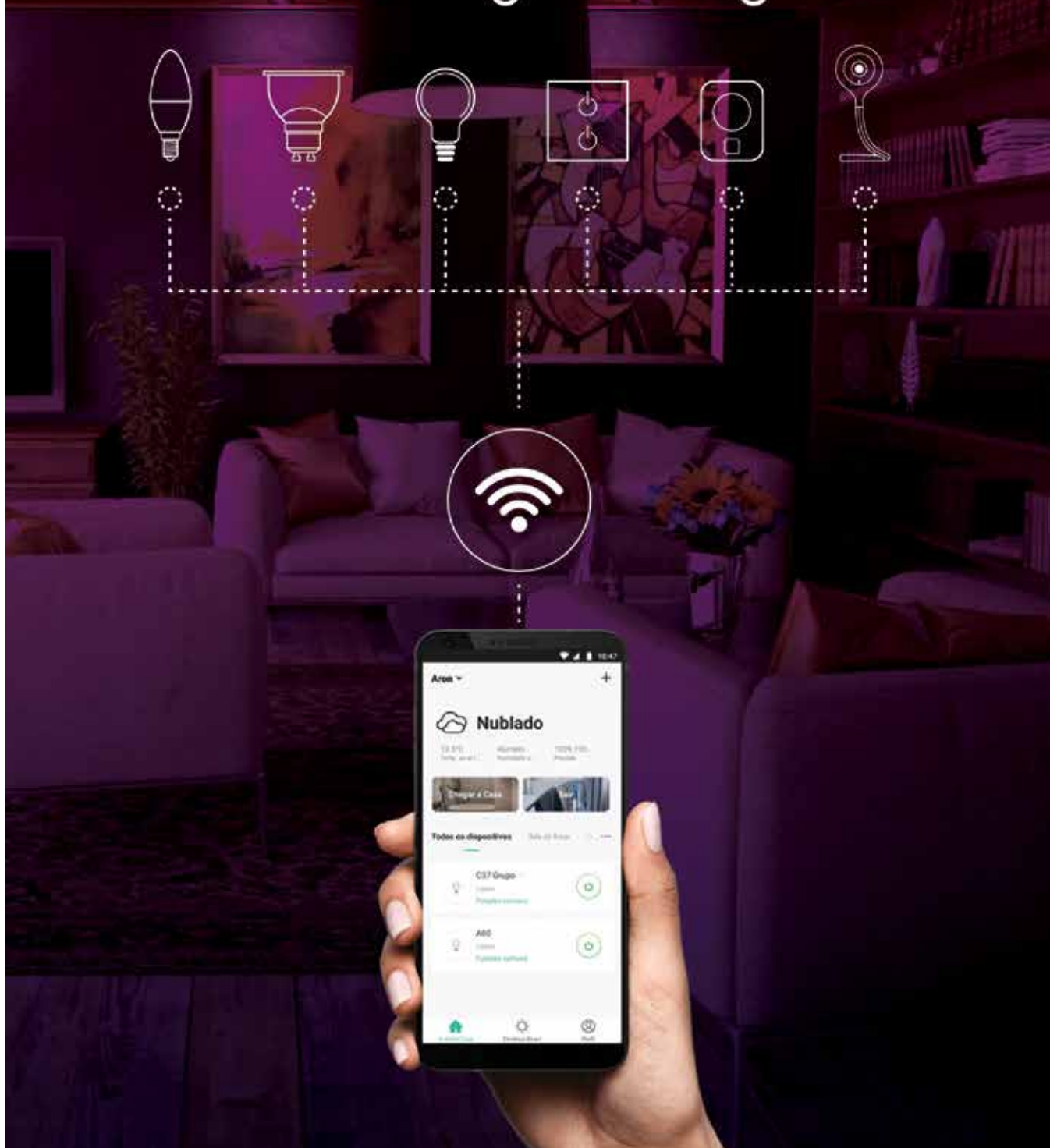
SIZE



# Sem Hub ou Router Adicional

Without Additional Hub or Router

## 100% Plug and Play



# ARON SMART

100% WIFI | IOT



## GU10 KIT SMART

Lâmpada GU10 controlada por Wifi com função de Dimming e mudança de CCT.

Wifi Controlled GU10 Bulb with Dimming and CCT change function.

Dicroica controlada por wifi con función de Dimming y cambio de CCT.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	UNIT KIT	SKU
4,5W	WHITE 2700K-6500K	350 Lm	180°	>80	220-240V	A+	25000H	15000X	0.5s	Ø50x55mm	>0.9	Aluminium/PVC	3 Bulbs	ILAR-00732



## A60 SMART

Lâmpada A60 controlada por Wifi com função de Dimming e mudança de CCT.

Wifi Controlled A60 Bulb with Dimming and CCT change function.

Bombilla A60 controlada por wifi con función de Dimming y cambio de CCT.



WATTS	CCT	LUMENS	BEAM ANGLE	CRI	VOLTAGE	CLASS	EOL - END OF LIFE	SWITCHING CYCLE	STARTING TIME	SIZE	PF	MATERIAL	UNIT KIT	SKU
9W	WHITE 2700K-6500K	810 Lm	180°	>80	220-240V	A+	25000H	15000X	0.5s	60x108mm	>0.9	Aluminium/PVC	1 Bulb	ILAR-00731



# SOCKET SMART



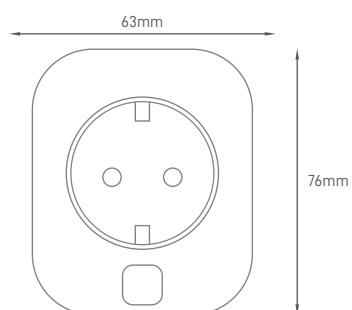
Tomada Wifi com controle de medidor de energia. Ligue/desligue instantaneamente os dispositivos conectados onde quer que esteja através do aplicativo Aron Smart.

Wifi socket with energy meter control. Instantly turn on/off connected devices wherever you are via the Aron Smart app.

Enchufe con control WiFi y medidor de energia. Encienda/apague instantáneamente los dispositivos conectados donde quiera que esté a través de la aplicación Aron Smart.

WIFI	TIMER	POWER METER	VOLTAGE	MAX CURRENT	SIZE	MATERIAL	UNIT KIT	SKU
2.4G Hz	YES	YES	230V 50Hz	16A	63x76mm	Aluminium/PVC	1 Pc	ILAR-00734

## TECHNICAL DRAWING



# ARON SMART

100% WIFI | IOT



## INTERRUPTOR DUPLO SMART



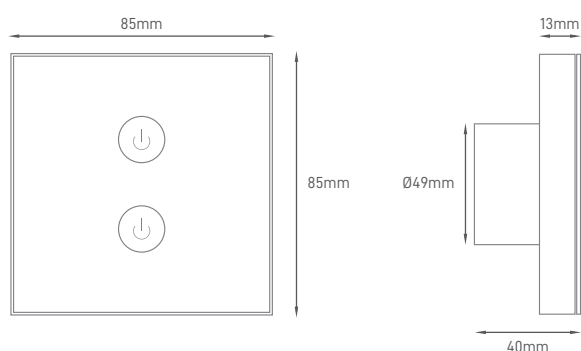
Interruptor duplo com controle Wifi de lâmpadas Normais e Smart. Pode substituir diretamente o interruptor de parede normal acrescentando a funcionalidade de controle da Iluminação por WiFi.

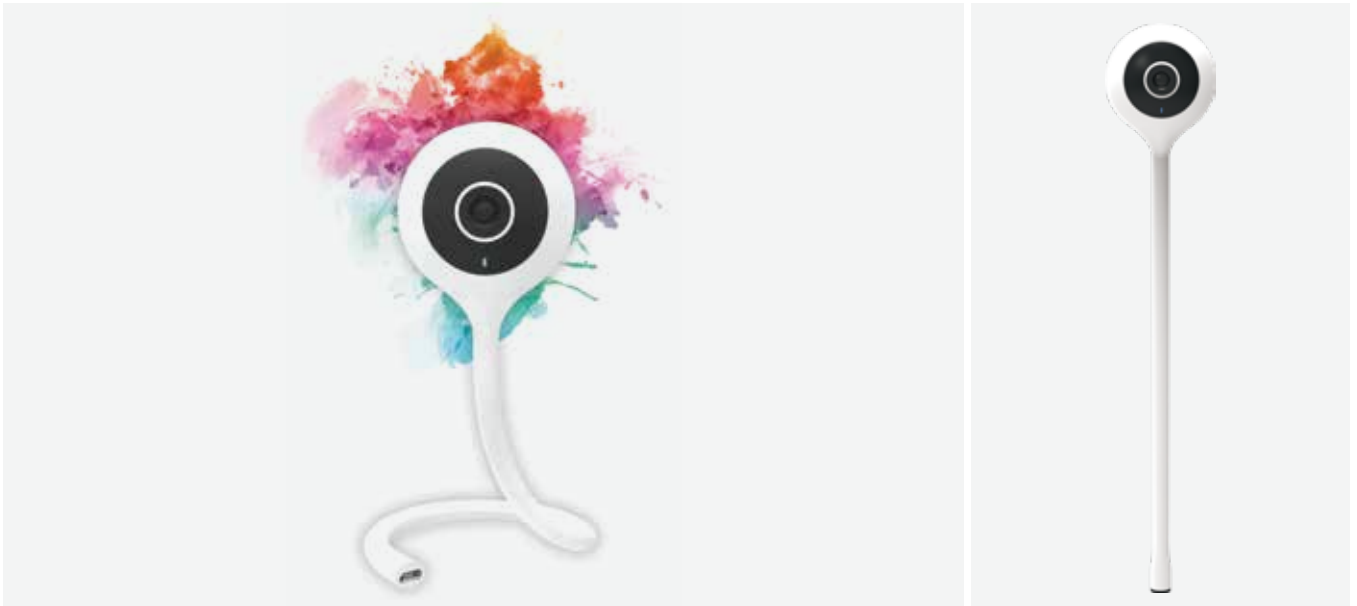
Dual switch with Wifi control of Normal and Smart lamps. You can directly replace the normal wall switch by adding WiFi lighting control functionality.

Interruptor doble con control Wifi de lámparas Normales y Smart. Puede reemplazar directamente el interruptor de pared normal agregando la funcionalidad de control de iluminación WiFi.

WIFI	TIMER	MAX LOAD	VOLTAGE	MAX CURRENT	SIZE	CUT-OUT	MATERIAL	UNIT KIT	SKU
2.4G Hz	YES	1000W	230V 50Hz	16A	85x85x40x10mm	Ø49mm	Aluminium/PVC	1Pc	ILAR-00733

### TECHNICAL DRAWING





# CÂMERA SMART

WIFI 2.4 GHz IP20

Câmara Wifi com Detecção de Movimento, Áudio Bidirecional, Qualidade HD e Detecção de Ruído / Temperatura / Humidade / Entrada para Cartão SD.

Wifi Camera with Motion Detection, Two-way Audio, HD Quality and Noise / Temperature / Humidity Detection / SD Card Slot.

Cámara Wifi con Detección de Movimiento, Audio Bidireccional, Calidad HD y Detección de Ruido / Temperatura / Humedad / Entrada para Tarjeta SD.

WIFI	MOTION DETECTION	NIGHT VISION	VOLTAGE	AUDIO SPEAKER	SIZE	SD CARD SLOT	MATERIAL	UNIT KIT	SKU
2.4G Hz	6mts - YES	YES	230V 50Hz	YES	286.30x53x32.46mm	YES	Aluminium	1 Pc	ILAR-00735



100% WIFI



MOTION DETECTION



2 - WAY AUDIO



SD CARD SLOT

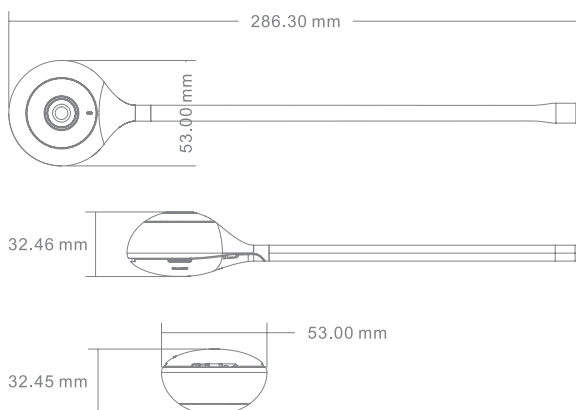


TEMPERATURE / HUMIDITY

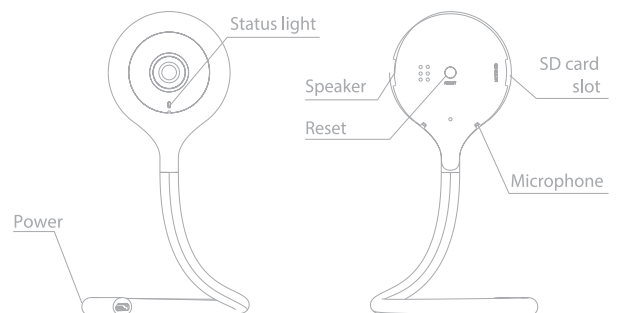


CLOUD STORAGE

## TECHNICAL DRAWING



## SPECIFICATION





# ARON

LIGHT

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