**Global manufacturing and trading company S.L**
Pol. Ind. Los Vientos
Calle Alisio, parcela nº4
46119 Náquera · Valencia · Spain
Tel. +34 96 160 99 50
mantra@mantraco.org
**www.mantrailuminacion.com**

mantra

AVANCE TÉCNICO-EXTERIOR



mantra

ANEXO TÉCNICO

# MANTRA EN EL MUNDO

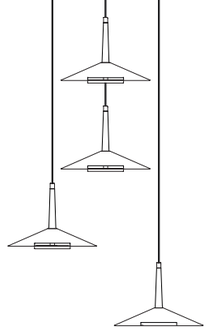
# MANTRA AROUND THE WORLD



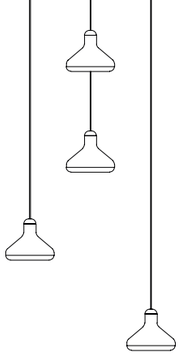
+ 50
*paises*
*countries*

+20
*años*
*years*

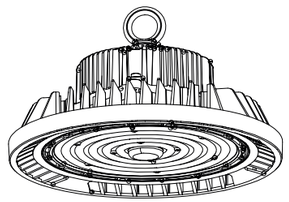
+ 2000
*clientes*
*customers*



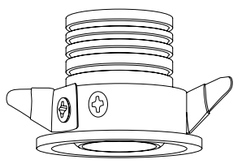
ORION



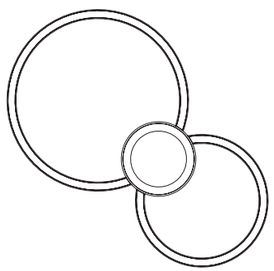
ANTARES



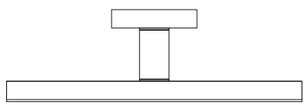
URANO



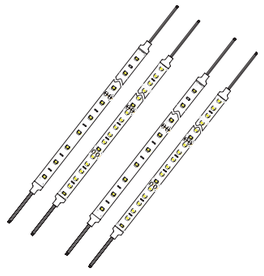
NEPTUNO



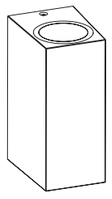
MURAL



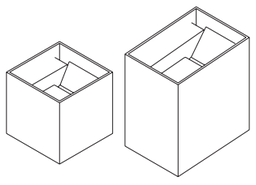
MORNE



TIRAS LED



KANDANCHU



DAVOS

DAVOS XL



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# ORION

Designed by Hugo Tejada



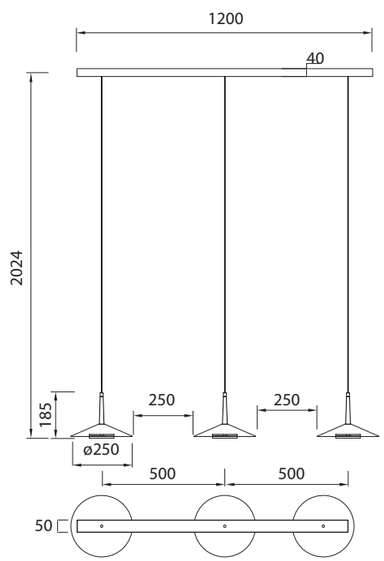
# ORION 3000K

**Lámpara de techo**
*Pendant lamp*

**7475** Negro/cuero-*Black/antique brass*
**LED** 24W 1770 lm





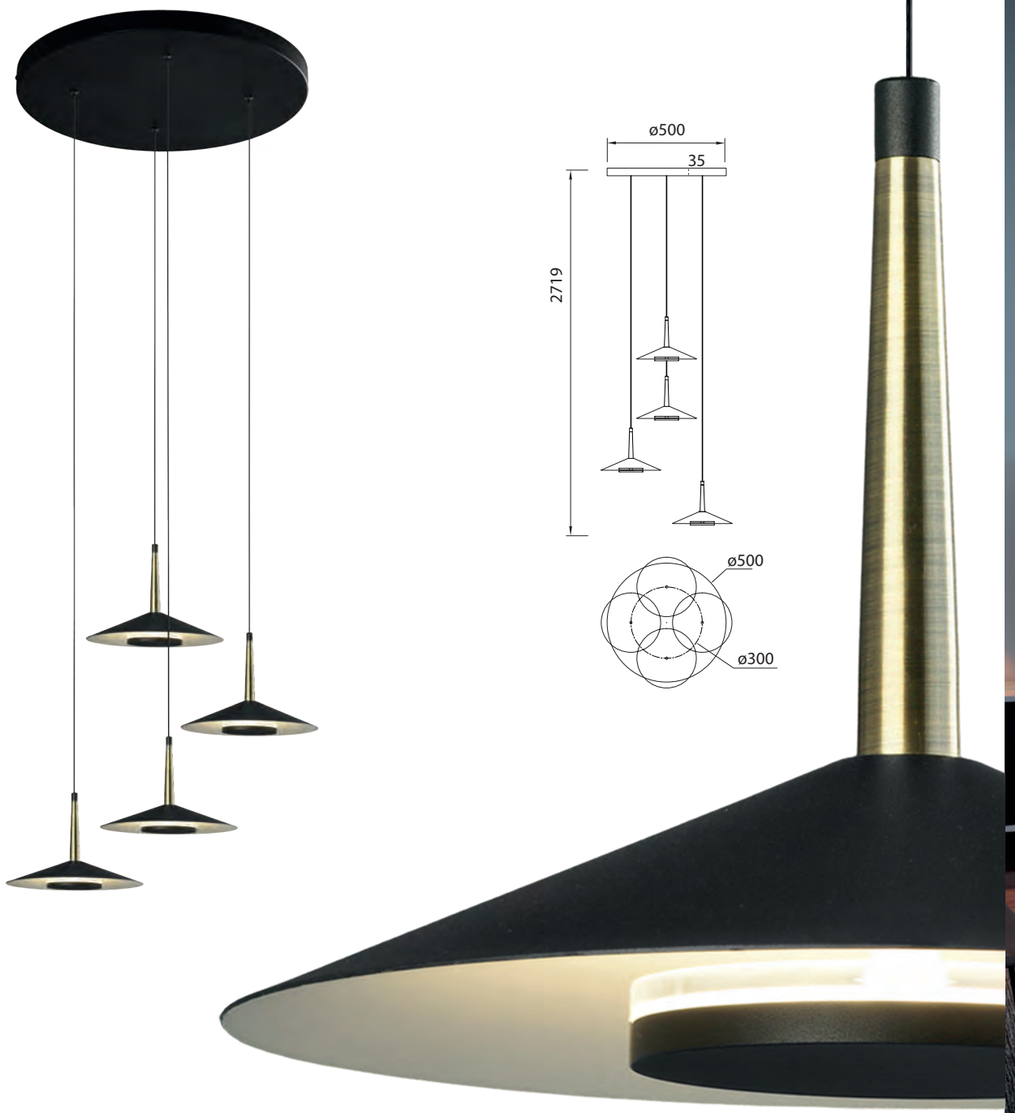



Aluminio/Acrílico-*Aluminium/Acrylic* **220-240V~ 50/60Hz** CRI≥ 80

# ORION 3000K

**Lámpara de techo**
*Pendant lamp*

**7476** Negro/cuero-*Black/antique brass*
**LED** 32W 2360 lm










CE · LED life / LED vida 30.000 h · ON / OFF 30.000 · LED INCLUDED · garantia.mantraco.org 5 YEAR LABOR WARRANTY GARANTÍA LED · IP20 · DRIVER TÜV

Aluminio/Acrílico-*Aluminium/Acrylic* **220-240V~50/60Hz** CRI≥ 80

# ANTARES



# ANTARES 3000K

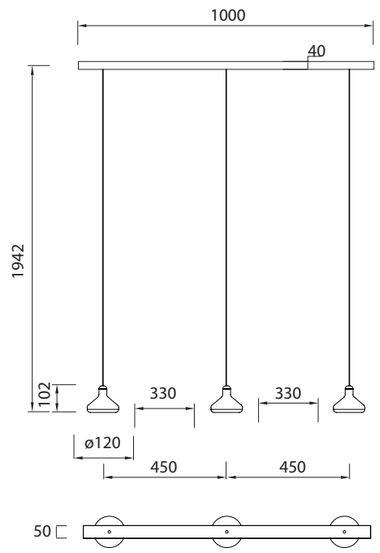
Designed by Hugo Tejada

**Lámpara de techo**
*Pendant lamp*

**7312** Negro-Black
**LED** 24W 1770lm







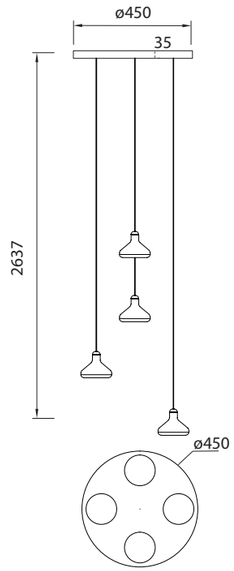

CE · LED life / LED vida 30.000 h · ON / OFF 30.000 · LED INCLUDED · garantia mantenco.org 5 YEAR WARRANTY GARANTIA LED · IP20 · DRIVER TÜV

Aluminio/Acrílico-*Aluminium/Acrylic* **220-240V~ 50/60Hz** CRI≥ 80

# ANTARES 3000K

**Lámpara de techo**
*Pendant lamp*

**7313** Negro-Black
**LED** 32W 2360lm







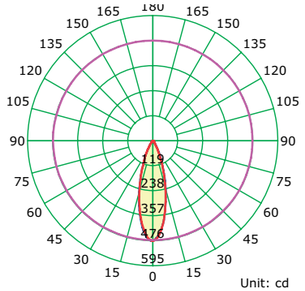

CE · LED life / LED vida 30.000 h · ON / OFF 30.000 · LED INCLUDED · garantia.mantraco.org 5 YEAR WARRANTY GARANTIA LED · IP20 · DRIVER TÜV

Aluminio/Acrílico-*Aluminium/Acrylic* **220-240V~ 50/60Hz** CRI≥ 80

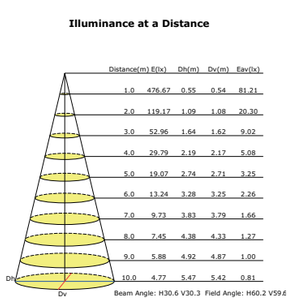
# NEPTUNO

**Empotrable basculante**
*Recessed swivel*

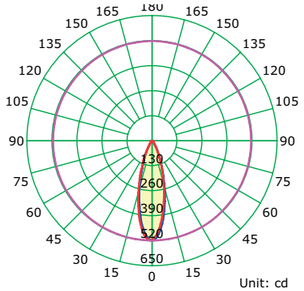
**7451** Blanco-*White*
**LED** 3W **3000K** 210lm



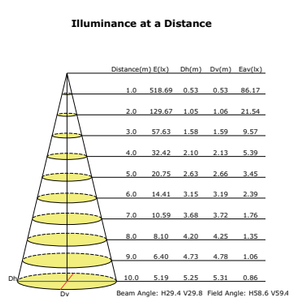

**7453** Negro-Black
**LED** 3W **3000K** 210lm




**7452** Blanco-*White*
**LED** 3W **4000K** 220lm

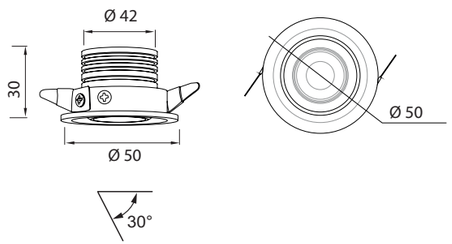



**7454** Negro-Black
**LED** 3W **4000K** 220lm













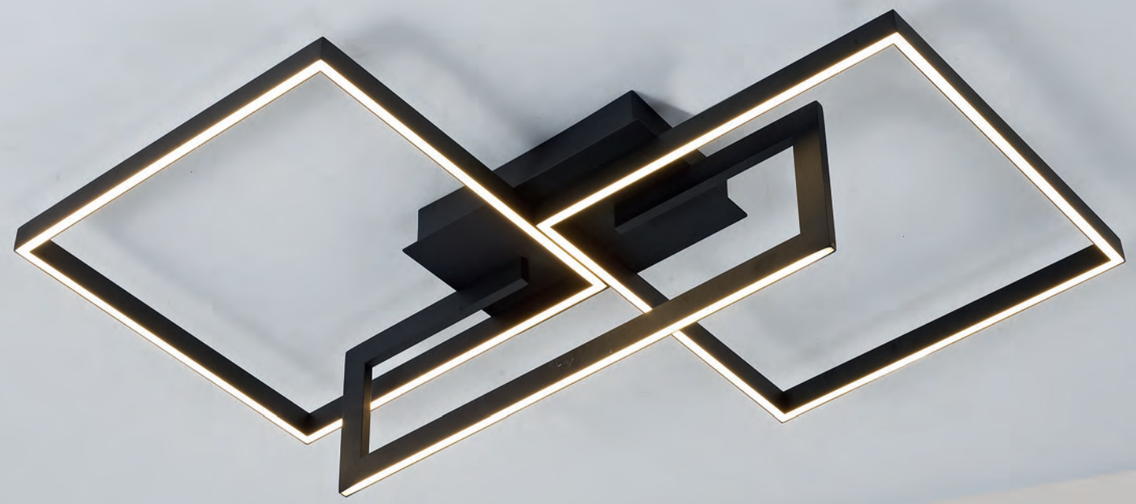

Aluminio-*Aluminium* **100-240V~ 50/60Hz** CRI:≥ 90

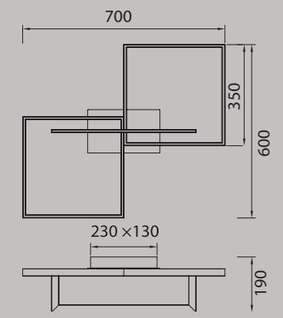
# MURAL 3000K

**Plafón**
*Ceiling lamp*

**7463** Negro-*Black*
**LED** 48W 3840lm
*Dimmable*

**7462** Negro-*Black*
**LED** 48W 3840lm





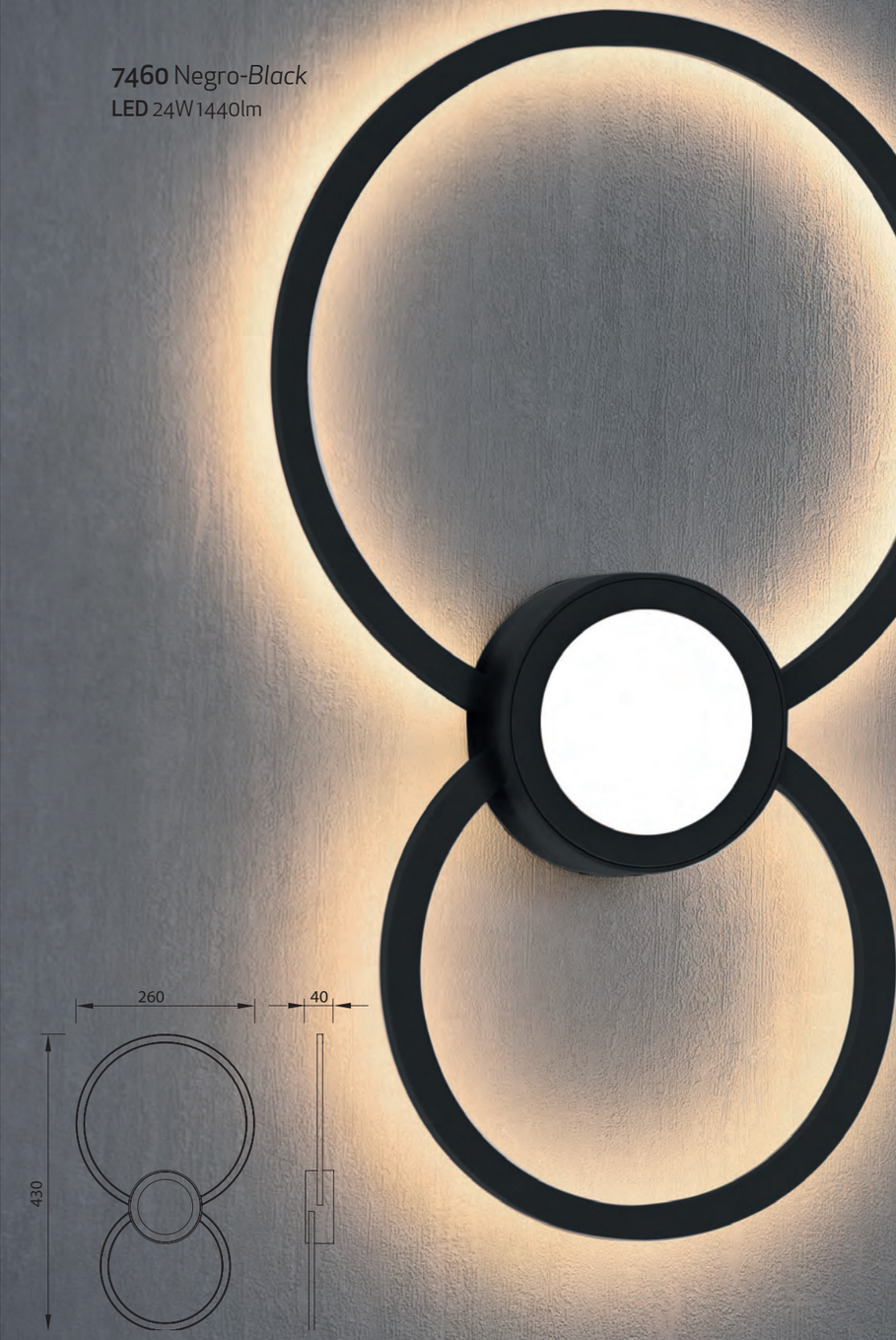

Aluminio-*Aluminium* **220-240V~ 50/60Hz** CRI:≥ 80



# MURAL 3000K

**Aplique**
*Wall light*

**7460** Negro-*Black*
**LED** 24W 1440lm






Aluminio-*Aluminium* **100-250V~ 50/60Hz** CRI:≥ 80

# MURAL 3000K

**Sobremesa**
*Table lamp*

**7464** Negro-*Black*
**LED** 18W 1380 lm




Aluminio-*Aluminium* **220-240V 50/60Hz** CRI:≥ 80

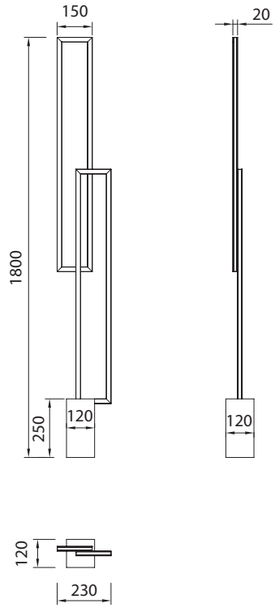


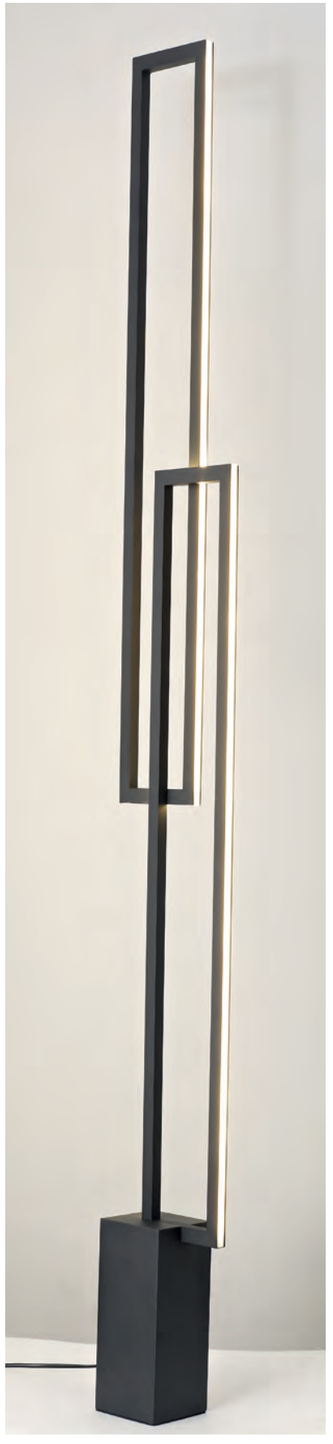
# MURAL 3000K

**Pie de Salón**
*Floor lamp*

**7465** Negro-*Black*
**LED** 48W 3800 lm





Aluminio-*Aluminium* **220-240V~ 50/60Hz** CRI:≥ 80

# **MORNE** 4000K

**Aplique**
*Wall light*

**7482** Negro-*Black*
**LED** 12W 1080 lm

**6760** Cromo-*Chrome*
**LED** 12W 1080 lm

**6763** Blanco-*White*
**LED** 12W 1080 lm

**7483** Negro-*Black*
**LED** 16W 1440 lm

**6761** Cromo-*Chrome*
**LED** 16W 1440 lm

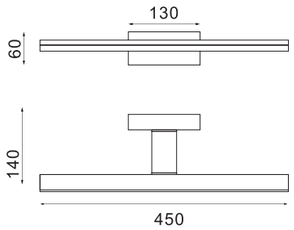
**7480** Blanco-*White*
**LED** 16W 1440 lm

**7484** Negro-*Black*
**LED** 20W 1800 lm

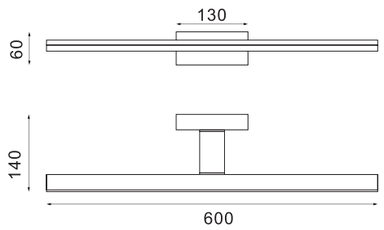
**6762** Cromo-*Chrome*
**LED** 20W 1800 lm

**7481** Blanco-*White*
**LED** 20W 1800 lm

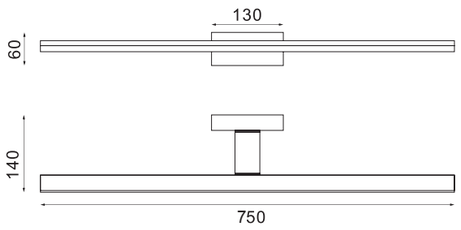
12W




16W




20W












Aluminio/Pc-*Aluminium /Pc* **220-240V~ 50/60Hz** CRI:≥ 80

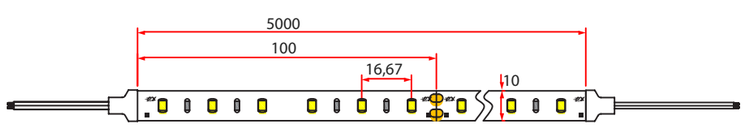
# TIRAS-*STRIPS*

**Tira LED flexible para uso interior. IP20**

*IP20 Flexible LED strip for indoor use*











**Características técnicas /** Technical characteristics

| Ref. | Color Colour | Color temp. Colour Tª | Tensión DC voltage DC | Ud. LED metro LED units meter | Potencia por metro Power meter | Eficiencia luminosa metro Luminous efficacy meter | Eficiencia luminosa vatio Luminous efficacy watt | CRI | SDCM | Ancho Wide | Corte Cut | Ud. LED corte LED units cut | Metros rollo Meters reel | Protección Protection |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | K | V | | W/m | lm/m* | lm/W | | | mm | mm | pcs | m | IP |
| 7360 | | 2700 | 24 | 60 | 9,6 | 650 | 68 | ≥ 90 | < 3 | 10 | 100 | 6 | 5 | 20 |
| 7361 | | 3000 | 24 | 60 | 9,6 | 685 | 71 | ≥ 90 | < 3 | 10 | 100 | 6 | 5 | 20 |
| 7362 | | 4000 | 24 | 60 | 9,6 | 715 | 74 | ≥ 90 | < 3 | 10 | 100 | 6 | 5 | 20 |

**24V** CRI:≥ 90



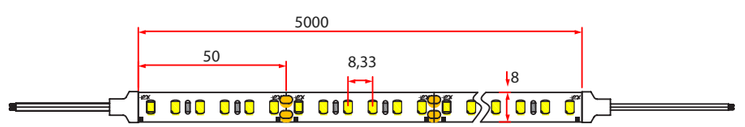
# TIRAS-*STRIPS*

**Tira LED flexible para uso interior. IP20**

*IP20 Flexible LED strip for indoor use*











**Características técnicas /** Technical characteristics

| Ref. | Color Colour | Color temp. Colour Tª | Tensión DC voltage DC | Ud. LED metro LED units meter | Potencia por metro Power meter | Eficiencia luminosa metro Luminous efficacy meter | Eficiencia luminosa vatio Luminous efficacy watt | CRI | SDCM | Ancho Wide | Corte Cut | Ud. LED corte LED units cut | Metros rollo Meters reel | Protección Protection |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | K | V | | W/m | lm/m* | lm/W | | | mm | mm | pcs | m | IP |
| 7363 | | 2700 | 24 | 120 | 14,4 | 1010 | 70 | ≥ 90 | < 3 | 8 | 50 | 6 | 5 | 20 |
| 7364 | | 3000 | 24 | 120 | 14,4 | 1060 | 74 | ≥ 90 | < 3 | 8 | 50 | 6 | 5 | 20 |
| 7365 | | 4000 | 24 | 120 | 14,4 | 1110 | 77 | ≥ 90 | < 3 | 8 | 50 | 6 | 5 | 20 |

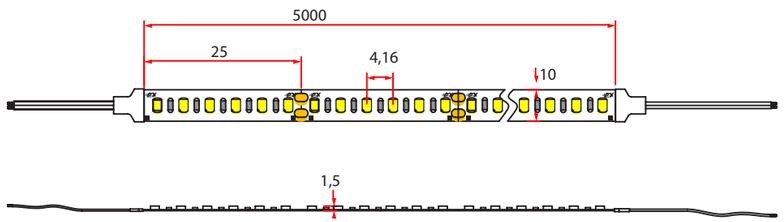
**24V** CRI:≥ 90

# TIRAS-*STRIPS*

**Tira LED flexible para uso interior IP20**
*IP20 Flexible LED strip for indoor lighting*








**Características técnicas /** Technical characteristics

| Ref. | Color Colour | Color temp. Colour Tª | Tensión DC voltage DC | Ud. LED metro LED units meter | Potencia por metro Power meter | Eficiencia luminosa metro Luminous efficacy meter | Eficiencia luminosa vatio Luminous efficacy watt | CRI | SDCM | Ancho Wide | Corte Cut | Ud. LED corte LED units cut | Metros rollo Meters reel | Protección Protection |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | K | V | | W/m | lm/m* | lm/W | | | mm | mm | pcs | m | IP |
| 7366 | | 2700 | 24 | 240 | 19,2 | 1400 | 73 | ≥ 90 | < 3 | 10 | 25 | 6 | 5 | 20 |
| 7367 | | 3000 | 24 | 240 | 19,2 | 1470 | 77 | ≥ 90 | < 3 | 10 | 25 | 6 | 5 | 20 |
| 7368 | | 4000 | 24 | 240 | 19,2 | 1540 | 80 | ≥ 90 | < 3 | 10 | 25 | 6 | 5 | 20 |

IP20

**24V** CRI:≥ 90

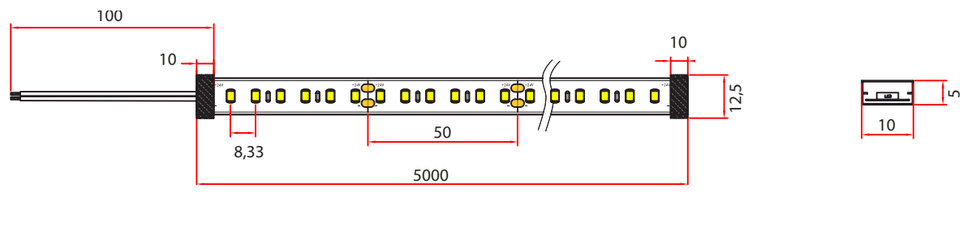


# TIRAS-*STRIPS*

**Tira LED flexible para uso exterior IP65**
*IP65 Flexible LED strip for outdoor lighting*








**Características técnicas /** Technical characteristics

| Ref. | Color Colour | Color temp. Colour Tª | Tensión DC voltage DC | Ud. LED metro LED units meter | Potencia por metro Power meter | Eficiencia luminosa metro Luminous efficacy meter | Eficiencia luminosa vatio Luminous efficacy watt | CRI | SDCM | Ancho Wide | Corte Cut | Ud. LED corte LED units cut | Metros rollo Meters reel | Protección Protection |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | K | V | | W/m | lm/m* | lm/W | | | mm | mm | pcs | m | IP |
| 7369 | | 3000 | 24 | 120 | 14,4 | 950 | 66 | ≥ 90 | < 3 | 10 | 50 | 6 | 5 | 65 |
| 7370 | | 4000 | 24 | 120 | 14,4 | 995 | 69 | ≥ 90 | < 3 | 10 | 50 | 6 | 5 | 65 |

**Accesorios de corte IP no incluidos /** IP Cutting accessories not included



**7406** Conexión estanca DC/*Waterproof connection*



**7404** Pegamento silicona/*Silicone glue*



**7403** Final silicona con agujeros
Silicone end cap w/*holes*

**7405** Final silicona/*Silicone End cap*

IP65

**24V** CRI:≥ 90

# PERFILES-*PROFILES*

**Perfil para tiras LED**

*Profile for LED strips*



**7381** Blanco-*White*

Piezas incluidas/*Included pieces*

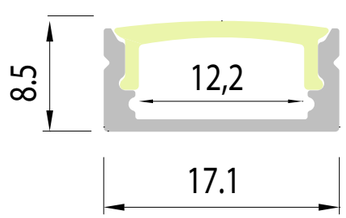
2 m 

Perfil+difusor/Profile+diffuser

2 × **7384** 

2 × **7387** 

4 × **7391** 






**7382** Negro-*Black*

Piezas incluidas/*Included pieces*

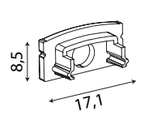
2 m 

Perfil+difusor/Profile+diffuser

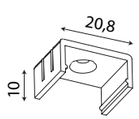
2 × **7385** 

2 × **7388** 

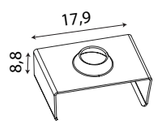
4 × **7391** 




Tapa/End cap




Clip PC transparent




Clip aluminium



**7383** Aluminio-*Aluminium*

Piezas incluidas/*Included pieces*

2 m 

Perfil+difusor/Profile+diffuser

2 × **7386** 

2 × **7389** 

4 × **7390** 

CE  


Aluminio+PCB/*Aluminium+PCB*



# PERFILES-*PROFILES*

**Perfil para tiras LED**

*Profile for LED strips*



**7392** Blanco-*White*

Piezas incluidas/*Included pieces*

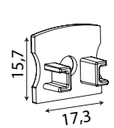
2 m 

Perfil+difusor/Profile+diffuser

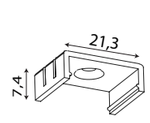
2 × **7395** 

2 × **7398** 

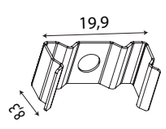
4 × **7402** 




Tapa/End cap




Clip PC transparent




Clip aluminium



**7393** Negro-*Black*

Piezas incluidas/*Included pieces*

2 m 

Perfil+difusor/Profile+diffuser

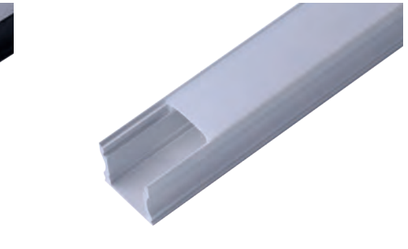
2 × **7396** 

2 × **7399** 

4 × **7402** 

CE   


Aluminio+PCB/*Aluminium+PCB*

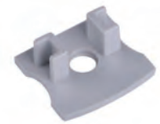


**7394** Aluminio-*Aluminium*

Piezas incluidas/*Included pieces*

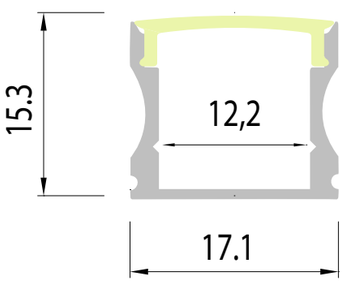
2 m 

Perfil+difusor/Profile+diffuser

2 × **7397** 

2 × **7400** 

4 × **7401** 



# ALIMENTADORES-*DRIVERS*

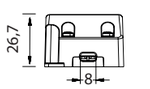
**Tension constante 24v**

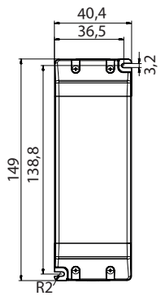
*24v Constant voltage*



**7371**

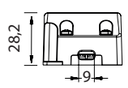


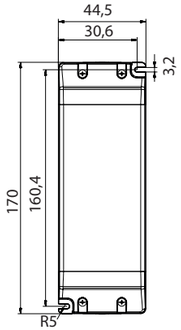



**7372**

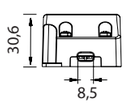


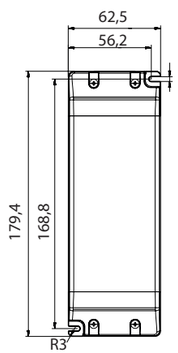



**7373**

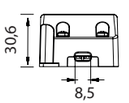


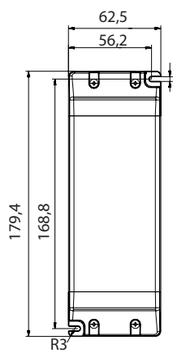



**7374**

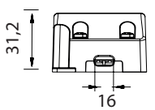


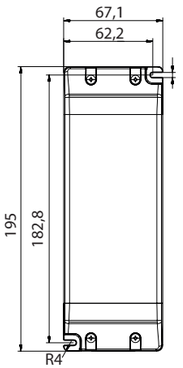



**7375**






**Características técnicas /** Technical characteristics

| Ref. | Art.-No | Tensión nominal de entrada Nominal input voltaje | Rango de potencia en módulo Output power range | Tensión de salida DC Output voltage DC | Corriente de salida máxima Maximum output current | Factor de potencia Power factor | Frecuencia Frequency | Temp. máx envolvente Max temp.at tc point | Temp. funcionamiento Operating temp. | Protección Protection |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Vac | W | Vdc | A | λ | Hz | tc (ºC) | ta (ºC) | IP |
| 7371 | SE30-24VL | 200-240V | 0-30 | 24 | 1.25 | ≥ 0,9 | 50/60 | 80º | -20...+45º | 20 |
| 7372 | SE60-24VL | 200-240V | 0-60 | 24 | 2.5 | ≥ 0,95 | 50/60 | 90º | -20...+45º | 20 |
| 7373 | SE100-24VL | 220-240V | 0-100 | 24 | 4.17 | ≥ 0,95 | 50/60 | 90º | -20...+45º | 20 |
| 7374 | SE150-24VL | 220-240V | 0-150 | 24 | 6.25 | ≥ 0,9 | 50/60 | 90º | -20...+45º | 20 |
| 7375 | SNP250-24VL | 200-240V | 0-250 | 24 | 10.4 | ≥ 0,95 | 50/60 | 90º | -20...+45º | 20 |



# ALIMENTADORES-*DRIVERS*

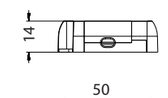
**Tension constante 24v finos**

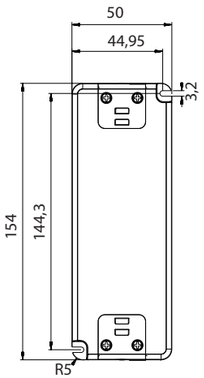
*24v Constant voltage slim*



**7376**

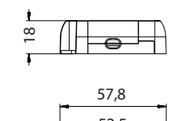


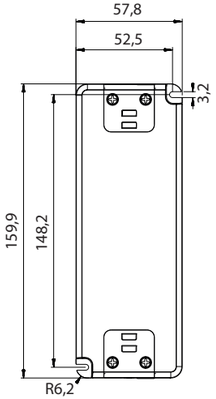



**7377**






**Características técnicas /** Technical characteristics

| Ref. | Art.-No | Tensión nominal de entrada Nominal input voltaje | Rango de potencia en módulo Output power range | Tensión de salida DC Output voltage DC | Corriente de salida máxima Maximum output current | Factor de potencia Power factor | Frecuencia Frequency | Temp. máx envolvente Max temp.at tc point | Temp. funcionamien-to Operating temp. | Protección Protection |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Vac | W | Vdc | A | λ | Hz | tc (ºC) | ta (ºC) | IP |
| 7376 | SS30-24VF | 220-240V | 0-30 | 24 | 1.25 | ≥ 0,95 | 50/60 | 85º | -20...+45º | 20 |
| 7377 | SS60-24VF | 200-240V | 0-60 | 24 | 2.5 | ≥ 0,9 | 50/60 | 80º | -20...+50º | 20 |

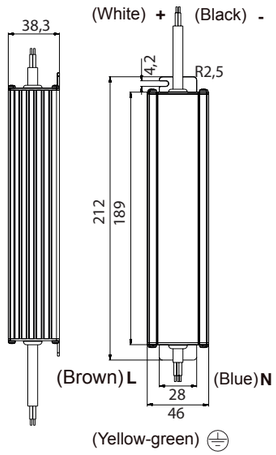
# ALIMENTADORES-*DRIVERS*

**Tension constante 24v IP67**

*IP67 24v Constant voltage*

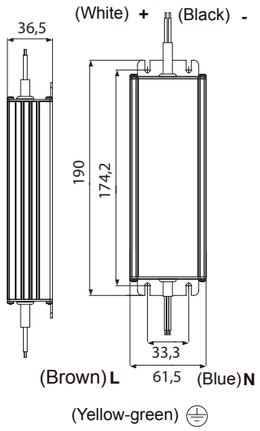
**7378**





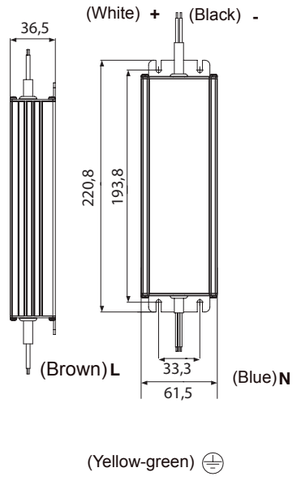

**7379**






**7380**






**Características técnicas /** Technical characteristics

| Ref. | Art.-No | **Tensión nominal de entrada** Nominal input voltaje | **Rango de potencia en módulo** Output power range | **Tensión de salida DC** Output voltage DC | **Corriente de salida máxima** Maximum output current | **Factor de potencia** Power factor | **Frecuencia** Frequency | **Temp. máx envolvente** Max temp.at tc point | **Temp. funcionamiento** Operating temp. | **Protección** Protection |
|---|---|---|---|---|---|---|---|---|---|---|
| | | **Vac** | **W** | **Vdc** | **A** | **λ** | **Hz** | **tc (ºC)** | **ta (ºC)** | **IP** |
| 7378 | SPE100-24VLP | 200-240V | 0-100 | 24 | 4.17 | ≥ 0,95 | 50/60 | 90º | -20...+60º | 67 |
| 7379 | SPE150-24VLP | 200-240V | 0-150 | 24 | 6.25 | ≥ 0,95 | 50/60 | 90º | -20...+60º | 67 |
| 7380 | SPE200-24VLP | 200-240V | 0-200 | 24 | 8.33 | ≥ 0,95 | 50/60 | 90º | -20...+60º | 67 |

SELV · 110 · IP67 · DRIVER TÜV

## Mando a distancia DIM Monocolor

*DIM Single Colour remote control*




El mando PRO-DIM-R01 puede controlar hasta un máximo de 20 receptores.

Permite regular la intensidad de la luz.

Permite controlar hasta 4 zonas independientes.

Cada zona puede ser de uno o más controladores

Permite programar 2 escenas en memoria.

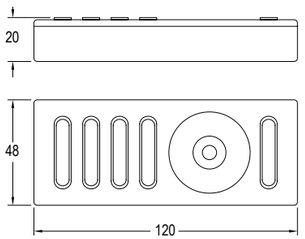
*The PRO-DIM-R01 remote control can control a maximum of 20 receivers.*

*Allows regulation of lighting intensity.*

*Can control up to 4 independent zones.*

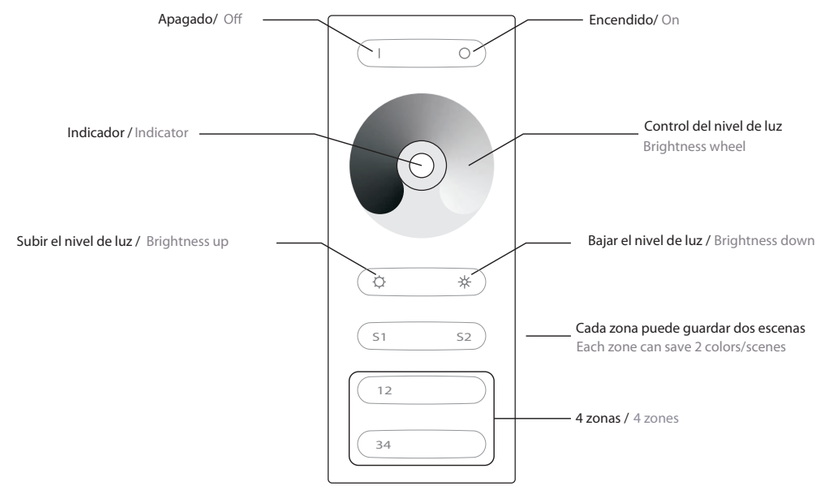
*Each zone can be with one or more controllers.*

*Can program 2 saving scen.*




**Características técnicas /** Technical characteristics

| Ref. | Alimentación Power | Frecuencia de operación Operation frecuency | Tipo de tira LED LED strip type | Alcance máx. interior (Sin paredes) Max. Range (Without walls) | Compatible con Compatible with |
|---|---|---|---|---|---|
| | | Mhz | | m | |
| 9955911 | 3×AAA/LR03 1,5V batteries/ pilas | 434/869 | TW (2CH) DIM / monocolor (1CH) | 20 | SPU-DIM-C01 |



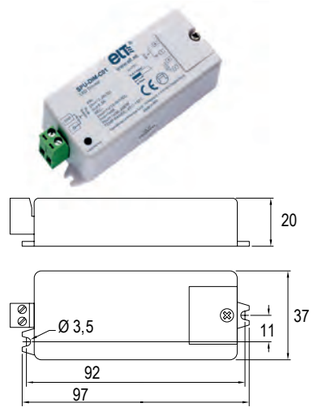

PUSH CE RF PWM DIM garantia.mantraco.org 3 YEAR MADE WARRANTY GARANTÍA





## Controlador LED para pulsadores estándar y/o mando a distancia

*LED Controller for standard push switch and/or remote control*




El controlador SPU-DIM-C01 permite controlar la iluminación de una tira LED monocolor desde un pulsador estándar de cualquier fabricante. Pueden controlarse las tiras LED manteniendo la misma familia de mecanismos que en el resto de la instalación en la que se integre.

También puede controlarse con los mecanismos RF SPU. Son mecanismos sin cables de instalación muy sencilla, pegar o atornillar y que funcionan con pila de 3 años de duración. Permite controlar los LEDs fijando el mecanismo en cualquier superficie.

El controlador puede ser gobernado por varios pulsadores (ver esquema de conexión) y hasta 8 mecanismos RF SPU a la vez. Puede funcionar con los dos sistemas de control de manera simultánea (pulsador conectado por cable y mecanismos RF) o sólo con uno de ellos.

*STO-DIM-C01 can control single colour LED strips from a standard push switch from any manufacturer. LED strips can be controlled keeping the same kind of switches as the rest of the installation.*

*It can also be controlled with the RF SPU switches. These switches are wireless, work with a 3-year-life battery and are very easy to install: just screw or stick in any surface.*

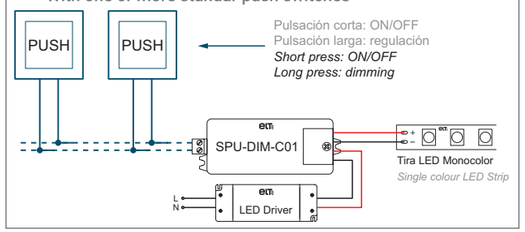
*Controller can be managed by several push switches (see wiring diagram) and up to 8 RF SPU switches at the same time. It can work with two control systems (standard switches or RF switches) simultaneously or only with one of them.*

**Características técnicas /** Technical characteristics

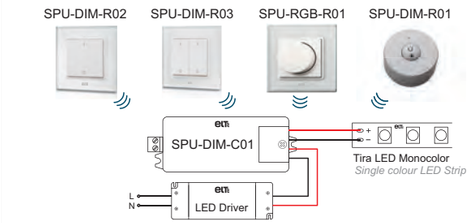
| Ref. | Tensiones de entrada y salida Imput-output Voltage | Tipo de regulación Control signal | Intensidad máx. de salida Max output current | Potencia máx. de salida Max output powewr | Tipo tira Led Led strip type | Control a través de Tipo Control made by |
|---|---|---|---|---|---|---|
| | V | mA | A | 12V 24V 36V | | Pulsador standard y/o mecanismo RF |
| 9955901 | 12-24-36 | PWM | 1×8 | 96 W 192 W 288 W | MONOC. DIM (1CH) | Standard push switch and/or RF Switch |

**Modos de control y funcionamiento /** Functions and control modes

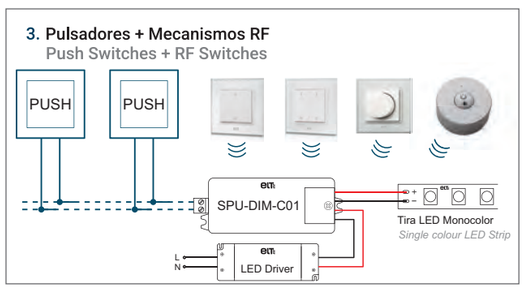
**1.** Con uno o varios pulsadores estándar
With one or more standar push switches



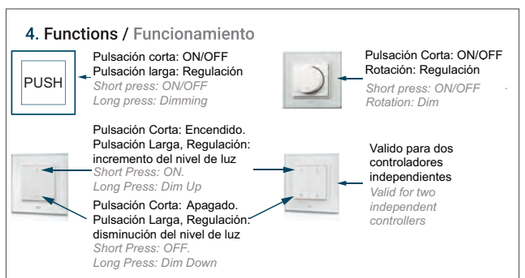

**2.** Con Mecanismos RF / With RF Switches




**3.** Pulsadores + Mecanismos RF
Push Switches + RF Switches




**4. Functions /** Funcionamiento




PUSH CE RF PWM DIM garantia.mantraco.org 3 YEAR MADE WARRANTY GARANTÍA

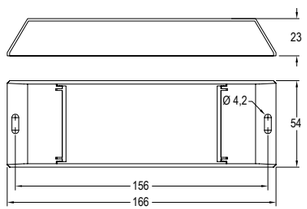
# DAL-MULTI-C02

12-36V DC

**Digital dimmer, 1 dirección digital, 4 canales**

*Digital dimmer, 1 digital address, 4 channels*






Permite la regulación de tiras LED desde cualquier sistema de control compatible con protocolo DALI. Sólo necesita conexión al bus DALI y asignar al controlador la dirección DALI desde la que se hará el control de las tiras.

Control de tiras LED monocolor.

Incluye pantalla y botones para ver y asignar fácilmente la dirección DALI.

El mismo modelo es válido para pilotar de 1 a 4 canales de forma síncronizada. Cada canal de salida tiene una capacidad de 5A.

0-100% rango de regulación según curva.

*This device allows to control LED strips from any control system compatible with DALI protocol. Only needs a connexion to the DALI bus and assign the device the DALI address to control the strips.*

*Control of LED single colour strips.*

*Includes screen and buttons to see and assign easily the DALI address.*

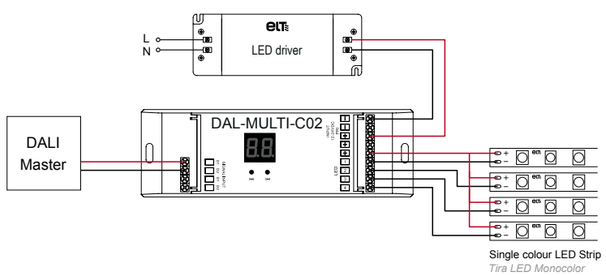
*The same model works from 1 to 4 channel synchronously. Each channel has a current output of 5A*

*0-100% dimming range via logarithmic curve.*

**Características técnicas /** Technical characteristics

| Ref. | Tensiones de entrada y salida Imput-output Voltage | Tipo de regulación Control signal | Intensidad máx. de salida Max output current | Potencia máx. de salida Max output powewr | Tipo tira Led Led strip type | Control a través de Tipo Control made by |
|---|---|---|---|---|---|---|
| | Vdc | mA | A | 12V 24V 36V | | |
| 9955921 | 12-24-36 | PWM | 4 ch × 5A | 240 W 480 W 720 W (4 × 60) (4 × 120) (4 × 180) | DIM | DALI |

**Esquema de conexión /** Connection diagram





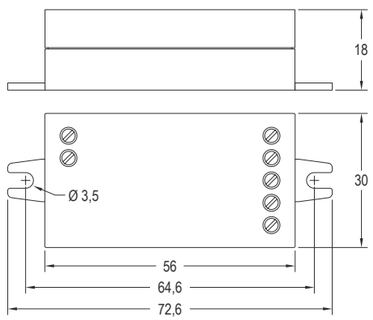



# EBLUE MULTI4

**Controlador LED para pulsadores estándar y/o mando a distancia**

*LED Controller for standard push switch and/or remote control*




eBLUE MULTI4 es un regulador PWM de cuatro canales controlable por Bluetooth para cargas LED de tensión constante, tales como tiras y módulos LED de tensión constante.

eBLUE MULTI4 puede controlar hasta cuatro canales. La corriente de salida máxima es 6A, la cual puede ser dividida libremente entre 1-4 canales.

Dimensiones muy reducidas para su instalación.

Protegido contra sobrevoltages, sobre corriente y cortocircuitos.

Controlable de forma inalámbrica a través de un dispositivo inteligente (smartphones / tablets,) Visual e intuitiva app para smartphones / tablets. Disponible gratuitamente en Apple Store / Google Play. app CASAMBI

Forma automáticamente una rápida y segura red inalámbrica de malla con otras unidades eBLUE (hasta 127 unid / red).

Permite una programación horaria de escenas. Servicio en la nube.

El firmware del dispositivo puede ser actualizado en funcionamiento de manera inalámbrica. Sección máxima en clemas 0,75-1,5 mm2.

*BLUE MULTI4 is a Bluetooth controllable four channel PWM dimmer for constant voltage LED loads, such as LED strips and constant voltage LED modules.*

*eBLUE MULTI4 can control up to four channels. The maximum combined output current 6A which can be freely divided between 1-4 CH.*

*Very small size for easy installation.*

*Protected against overvoltage, overcurrent and short circuit situations.*

*Wirelessly controllable with a smart device (smartphone, tablet,)*
*Intuitive and visual app for smartphones / tablets. Available for free on Apple Store / Google Play. CASAMBI*

*Forms automatically a fast and secure wireless mesh network with other eBLUE devices (up to 127 units / network).*

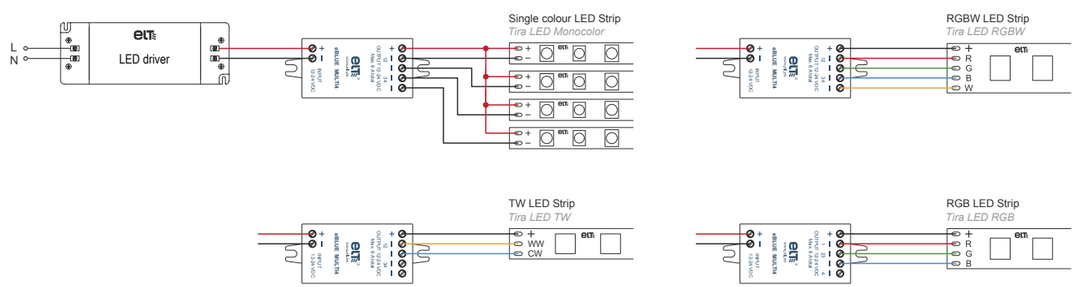
*Use timers to turn on and off scene at predefined times.*

*Cloud service that enhances user experience. Device firmware can be updated over the air. Max terminal section 0.75-1.5 mm2*

**Características técnicas /** Technical characteristics

| Ref. | Tensiones de entrada y salida Imput-output Voltage | Tipo de regulación Control signal | Intensidad máx. de salida Max output current | Potencia máx. de salida Max output powewr | Temp. máx envolvente Max. temp at tc point | Temp. funcionamiento Operatin temp. | Control a través de Tipo Control made by |
|---|---|---|---|---|---|---|---|
| | Vdc | mA | A | 12V 24V | tc (º) | ta (º) | |
| 9953074 | 12-24 | PWM | 6 | 72 W 24 W | +75 | -20...+45 | DIM, TW, RGB, RGBW |

**Esquema de conexión /** Connection diagram

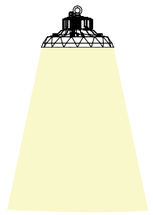


# **URANO** 150W 4000K

**Campanas Led**
*Ufo bays Led*

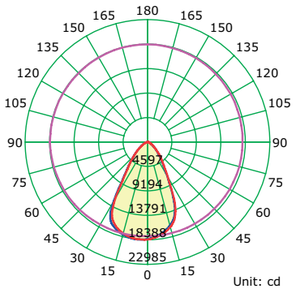


**7420** Negro-*Black*
**LED** 150W **60º** 21000lm



60º

Luminous Intensity Distribution Curve




Average Diffuse Angle(50%): 60.4°

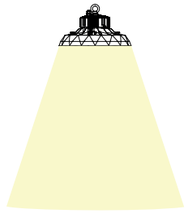
C0-C180 C90-C270 G6

**Illuminance at a Distance**

| Distance(m) | E(lx) | Dh(m) | Dv(m) | Eav(lx) |
|---|---|---|---|---|
| 1.0 | 18211.43 | 1.17 | 1.16 | 4823.74 |
| 2.0 | 4552.86 | 2.34 | 2.32 | 1205.93 |
| 3.0 | 2023.49 | 3.50 | 3.49 | 535.97 |
| 4.0 | 1138.21 | 4.67 | 4.65 | 301.48 |
| 5.0 | 728.46 | 5.84 | 5.81 | 192.95 |
| 6.0 | 505.87 | 7.01 | 6.97 | 133.99 |
| 7.0 | 371.66 | 8.18 | 8.13 | 98.44 |
| 8.0 | 284.55 | 9.34 | 9.29 | 75.37 |
| 9.0 | 224.83 | 10.51 | 10.46 | 59.55 |
| 10.0 | 182.11 | 11.68 | 11.62 | 48.24 |

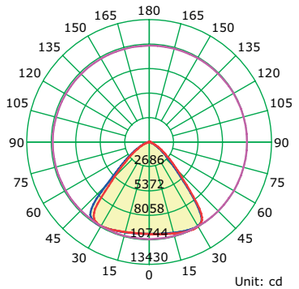
Beam Angle: H60.6 V60.3 Field Angle: H104.6 V105.0

**7421** Negro-*Black*
**LED** 150W **90º** 21000lm



90º

Luminous Intensity Distribution Curve




Average Diffuse Angle(50%): 88.4°

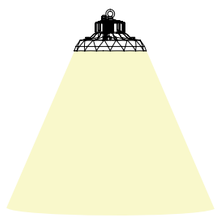
C0-C180 C90-C270 G28

**Illuminance at a Distance**

| Distance(m) | E(lx) | Dh(m) | Dv(m) | Eav(lx) |
|---|---|---|---|---|
| 1.0 | 10082.49 | 1.96 | 1.92 | 3581.33 |
| 2.0 | 2520.62 | 3.93 | 3.85 | 895.33 |
| 3.0 | 1120.28 | 5.89 | 5.77 | 397.93 |
| 4.0 | 630.16 | 7.85 | 7.70 | 223.83 |
| 5.0 | 403.30 | 9.82 | 9.62 | 143.25 |
| 6.0 | 280.07 | 11.78 | 11.55 | 99.48 |
| 7.0 | 205.77 | 13.74 | 13.47 | 73.09 |
| 8.0 | 157.54 | 15.71 | 15.40 | 55.96 |
| 9.0 | 124.48 | 17.67 | 17.32 | 44.21 |
| 10.0 | 100.82 | 19.63 | 19.25 | 35.81 |

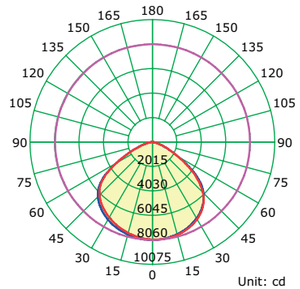
Beam Angle: H88.9 V87.8 Field Angle: H123.7 V124.0

**7422** Negro-*Black*
**LED** 150W **120º** 21000lm



120º

Luminous Intensity Distribution Curve




Average Diffuse Angle(50%): 112.0°

C0-C180 C90-C270 G0

**Illuminance at a Distance**

| Distance(m) | E(lx) | Dh(m) | Dv(m) | Eav(lx) |
|---|---|---|---|---|
| 1.0 | 8061.23 | 2.99 | 2.94 | 2151.03 |
| 2.0 | 2015.31 | 5.98 | 5.88 | 537.76 |
| 3.0 | 895.69 | 8.96 | 8.83 | 239.00 |
| 4.0 | 503.83 | 11.95 | 11.77 | 134.44 |
| 5.0 | 322.45 | 14.94 | 14.71 | 86.04 |
| 6.0 | 223.92 | 17.93 | 17.65 | 59.75 |
| 7.0 | 164.51 | 20.91 | 20.59 | 43.90 |
| 8.0 | 125.96 | 23.90 | 23.54 | 33.61 |
| 9.0 | 99.52 | 26.89 | 26.48 | 26.56 |
| 10.0 | 80.61 | 29.88 | 29.42 | 21.51 |

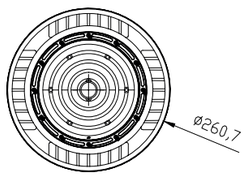
Beam Angle: H112.4 V111.6 Field Angle: H144.9 V144.6

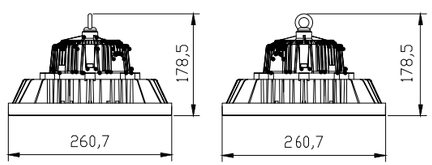


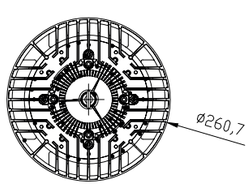

Aluminio-*Aluminium* **180-260V~ 50/60Hz** CRI≥80







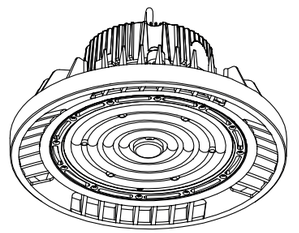



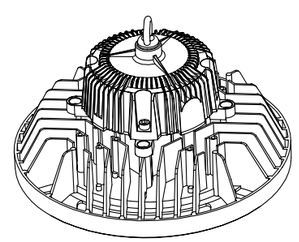











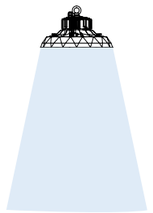
# **URANO** 150W 5000K

**Campanas Led**
*Ufo bays Led*

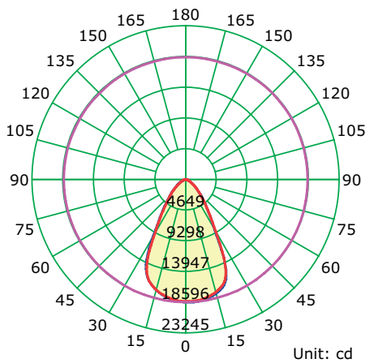




**7423** Negro-*Black*
**LED** 150W **60º** 22500lm



60º



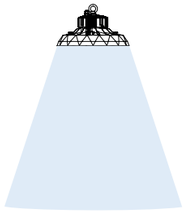

**Illuminance at a Distance**

| Distance(m) | E(lx) | Dh(m) | Dv(m) | Eav(lx) |
|---|---|---|---|---|
| 1.0 | 18575.60 | 1.15 | 1.15 | 4836.52 |
| 2.0 | 4643.90 | 2.31 | 2.31 | 1209.13 |
| 3.0 | 2063.96 | 3.46 | 3.46 | 537.39 |
| 4.0 | 1160.97 | 4.62 | 4.61 | 302.28 |
| 5.0 | 743.02 | 5.77 | 5.76 | 193.46 |
| 6.0 | 515.99 | 6.93 | 6.92 | 134.35 |
| 7.0 | 379.09 | 8.08 | 8.07 | 98.70 |
| 8.0 | 290.24 | 9.24 | 9.22 | 75.57 |
| 9.0 | 229.33 | 10.39 | 10.37 | 59.71 |
| 10.0 | 185.76 | 11.55 | 11.53 | 48.37 |

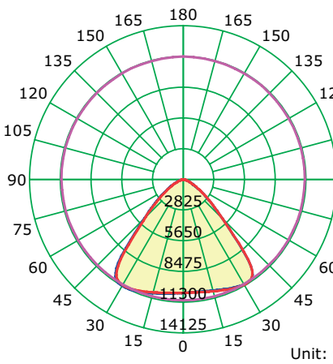
Dh
Dv

Beam Angle: H60.0 V59.9 Field Angle: H104.9 V104.9

**7424** Negro-*Black*
**LED** 150W **90º** 22500lm



90º



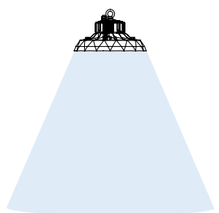

**Illuminance at a Distance**

| Distance(m) | E(lx) | Dh(m) | Dv(m) | Eav(lx) |
|---|---|---|---|---|
| 1.0 | 10446.65 | 1.93 | 1.91 | 3738.49 |
| 2.0 | 2611.66 | 3.86 | 3.82 | 934.62 |
| 3.0 | 1160.74 | 5.78 | 5.74 | 415.39 |
| 4.0 | 652.92 | 7.71 | 7.65 | 233.66 |
| 5.0 | 417.87 | 9.64 | 9.56 | 149.54 |
| 6.0 | 290.18 | 11.57 | 11.47 | 103.85 |
| 7.0 | 213.20 | 13.49 | 13.38 | 76.30 |
| 8.0 | 163.23 | 15.42 | 15.29 | 58.41 |
| 9.0 | 128.97 | 17.35 | 17.21 | 46.15 |
| 10.0 | 104.47 | 19.28 | 19.12 | 37.38 |

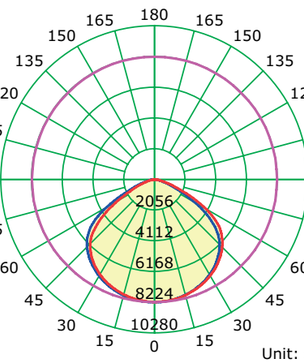
Dh
Dv

Beam Angle: H87.9 V87.4 Field Angle: H124.4 V123.5

**7425** Negro-*Black*
**LED** 150W **120º** 22500lm



120º




**Illuminance at a Distance**

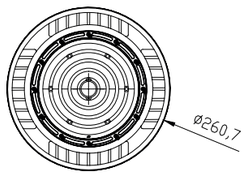
| Distance(m) | E(lx) | Dh(m) | Dv(m) | Eav(lx) |
|---|---|---|---|---|
| 1.0 | 8223.57 | 3.15 | 3.14 | 2207.84 |
| 2.0 | 2055.89 | 6.29 | 6.28 | 551.96 |
| 3.0 | 913.73 | 9.44 | 9.42 | 245.32 |
| 4.0 | 513.97 | 12.59 | 12.56 | 137.99 |
| 5.0 | 328.94 | 15.74 | 15.69 | 88.31 |
| 6.0 | 228.43 | 18.88 | 18.83 | 61.33 |
| 7.0 | 167.83 | 22.03 | 21.97 | 45.06 |
| 8.0 | 128.49 | 25.18 | 25.11 | 34.50 |
| 9.0 | 101.53 | 28.32 | 28.25 | 27.26 |
| 10.0 | 82.24 | 31.47 | 31.39 | 22.08 |

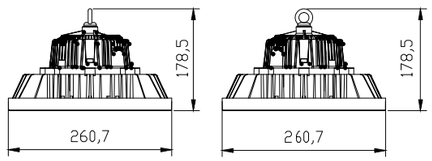
Dh
Dv

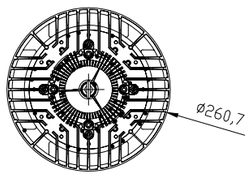
Beam Angle: H115.1 V115.0 Field Angle: H145.5 V145.4

LED life / LED vida 50.000 h
ON / OFF 30.000
LED INCLUDED
garantia.mantracc.org 5 YEAR WARRANTY GARANTIA LED
60°
90°
120°
IP65
DRIVER TÜV

Aluminio-*Aluminium* **180-260V~ 50/60Hz** CRI≥80



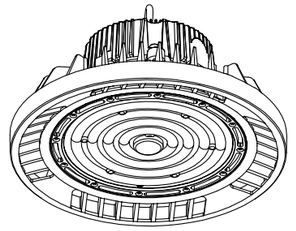



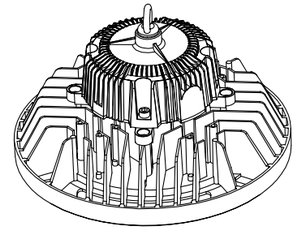









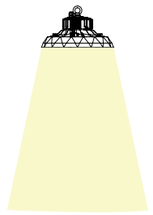


# **URANO** 200W 4000K

**Campanas Led**
*Ufo bays Led*

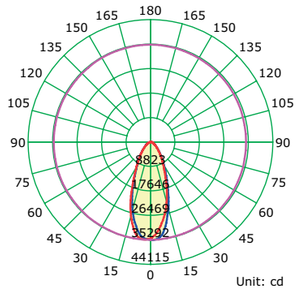


**7426** Negro-*Black*
**LED** 200W **60º** 28000lm



60º

Luminous Intensity Distribution Curve




Average Diffuse Angle(50%): 42.0°

C0-C180 C90-C270 G1

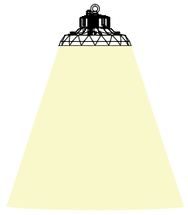
**Illuminance at a Distance**

| Distance(m) | E(lx) | Dh(m) | Dv(m) | Eav(lx) |
|---|---|---|---|---|
| 1.0 | 35265.56 | 0.77 | 0.76 | 6883.24 |
| 2.0 | 8816.39 | 1.54 | 1.53 | 1720.81 |
| 3.0 | 3918.40 | 2.31 | 2.29 | 764.80 |
| 4.0 | 2204.10 | 3.08 | 3.06 | 430.20 |
| 5.0 | 1410.62 | 3.85 | 3.82 | 275.33 |
| 6.0 | 979.60 | 4.62 | 4.59 | 191.20 |
| 7.0 | 719.71 | 5.39 | 5.35 | 140.47 |
| 8.0 | 551.02 | 6.16 | 6.12 | 107.55 |
| 9.0 | 435.38 | 6.93 | 6.88 | 84.98 |
| 10.0 | 352.66 | 7.70 | 7.65 | 68.83 |

Dh
Dv

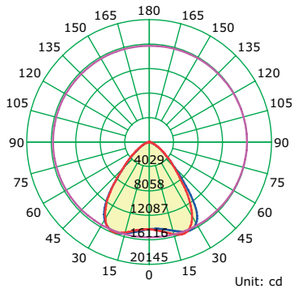
Beam Angle: H42.1 V41.9 Field Angle: H93.8 V93.2

**7427** Negro-*Black*
**LED** 200W **90º** 28000lm



90º

Luminous Intensity Distribution Curve




Average Diffuse Angle(50%): 82.8°

C0-C180 C90-C270 G20

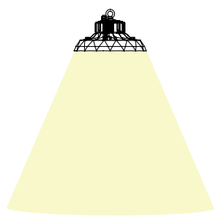
**Illuminance at a Distance**

| Distance(m) | E(lx) | Dh(m) | Dv(m) | Eav(lx) |
|---|---|---|---|---|
| 1.0 | 14353.73 | 1.79 | 1.74 | 4883.51 |
| 2.0 | 3588.43 | 3.57 | 3.48 | 1220.88 |
| 3.0 | 1594.86 | 5.36 | 5.21 | 542.61 |
| 4.0 | 897.11 | 7.15 | 6.95 | 305.22 |
| 5.0 | 574.15 | 8.93 | 8.69 | 195.34 |
| 6.0 | 398.71 | 10.72 | 10.43 | 135.65 |
| 7.0 | 292.93 | 12.50 | 12.16 | 99.66 |
| 8.0 | 224.28 | 14.29 | 13.90 | 76.30 |
| 9.0 | 177.21 | 16.08 | 15.64 | 60.29 |
| 10.0 | 143.54 | 17.86 | 17.38 | 48.84 |

Dh
Dv

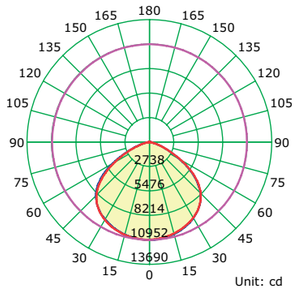
Beam Angle: H83.5 V82.0 Field Angle: H122.0 V123.2

**7428** Negro-*Black*
**LED** 200W **120º** 28000lm



120º

Luminous Intensity Distribution Curve




Average Diffuse Angle(50%): 112.9°

C0-C180 C90-C270 G0

**Illuminance at a Distance**

| Distance(m) | E(lx) | Dh(m) | Dv(m) | Eav(lx) |
|---|---|---|---|---|
| 1.0 | 10952.78 | 3.03 | 3.00 | 2934.28 |
| 2.0 | 2738.20 | 6.06 | 6.01 | 733.57 |
| 3.0 | 1216.98 | 9.10 | 9.01 | 326.03 |
| 4.0 | 684.55 | 12.13 | 12.02 | 183.39 |
| 5.0 | 438.11 | 15.16 | 15.02 | 117.37 |
| 6.0 | 304.24 | 18.19 | 18.03 | 81.51 |
| 7.0 | 223.53 | 21.22 | 21.03 | 59.88 |
| 8.0 | 171.14 | 24.26 | 24.04 | 45.85 |
| 9.0 | 135.22 | 27.29 | 27.04 | 36.23 |
| 10.0 | 109.53 | 30.32 | 30.05 | 29.34 |

Dh
Dv

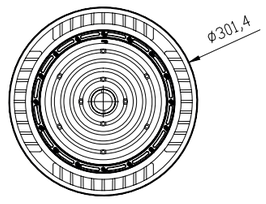
Beam Angle: H113.2 V112.7 Field Angle: H145.3 V145.1

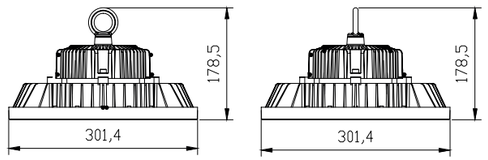


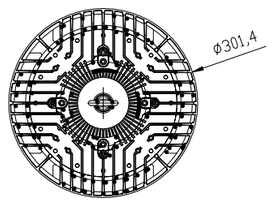

Aluminio-*Aluminium* **180-260V~ 50/60Hz** CRI≥ 80







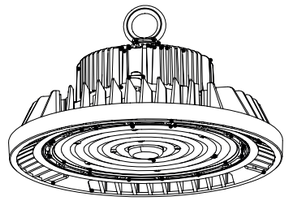



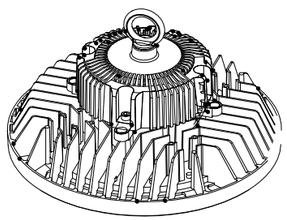









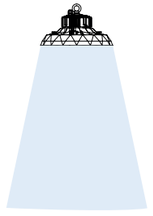


# **URANO** 200W 5000K

**Campanas Led**
*Ufo bays Led*

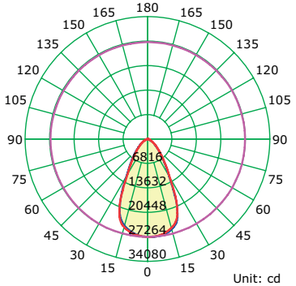


**7429** Negro-*Black*
**LED** 200W **60º** 30000lm



60°

Luminous Intensity Distribution Curve




Average Diffuse Angle(50%): 56.8°

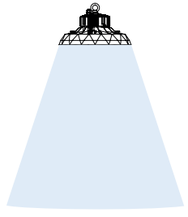
C0-C180 C90-C270 G5

**Illuminance at a Distance**

| Distance(m) | E(lx) | Dh(m) | Dv(m) | Eav(lx) |
|---|---|---|---|---|
| 1.0 | 27241.54 | 1.08 | 1.08 | 6778.76 |
| 2.0 | 6810.38 | 2.16 | 2.16 | 1694.69 |
| 3.0 | 3026.84 | 3.24 | 3.25 | 753.20 |
| 4.0 | 1702.60 | 4.32 | 4.33 | 423.67 |
| 5.0 | 1089.66 | 5.40 | 5.41 | 271.15 |
| 6.0 | 756.71 | 6.48 | 6.49 | 188.30 |
| 7.0 | 555.95 | 7.56 | 7.57 | 138.34 |
| 8.0 | 425.65 | 8.64 | 8.66 | 105.92 |
| 9.0 | 336.32 | 9.72 | 9.74 | 83.69 |
| 10.0 | 272.42 | 10.80 | 10.82 | 67.79 |

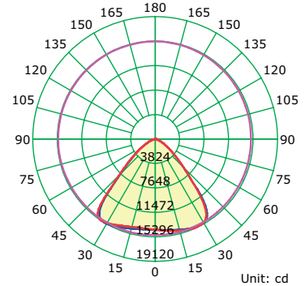
Beam Angle: H56.7 V56.8 Field Angle: H103.5 V103.1

**7430** Negro-*Black*
**LED** 200W **90º** 30000lm



90°

Luminous Intensity Distribution Curve




Average Diffuse Angle(50%): 88.1°

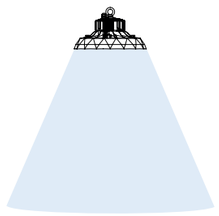
C0-C180 C90-C270 G31

**Illuminance at a Distance**

| Distance(m) | E(lx) | Dh(m) | Dv(m) | Eav(lx) |
|---|---|---|---|---|
| 1.0 | 14193.25 | 1.93 | 1.94 | 5055.11 |
| 2.0 | 3548.31 | 3.86 | 3.88 | 1263.78 |
| 3.0 | 1577.03 | 5.78 | 5.83 | 561.68 |
| 4.0 | 887.08 | 7.71 | 7.77 | 315.94 |
| 5.0 | 567.73 | 9.64 | 9.71 | 202.20 |
| 6.0 | 394.26 | 11.57 | 11.65 | 140.42 |
| 7.0 | 289.66 | 13.50 | 13.59 | 103.17 |
| 8.0 | 221.77 | 15.43 | 15.54 | 78.99 |
| 9.0 | 175.23 | 17.35 | 17.48 | 62.41 |
| 10.0 | 141.93 | 19.28 | 19.42 | 50.55 |

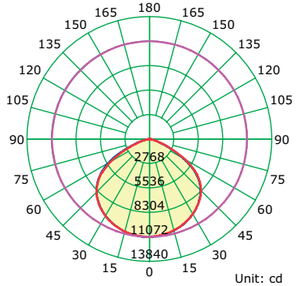
Beam Angle: H87.9 V88.3 Field Angle: H124.4 V124.1

**7431** Negro-*Black*
**LED** 200W **120º** 30000lm



120°

Luminous Intensity Distribution Curve




Average Diffuse Angle(50%): 116.1°

C0-C180 C90-C270 G1

**Illuminance at a Distance**

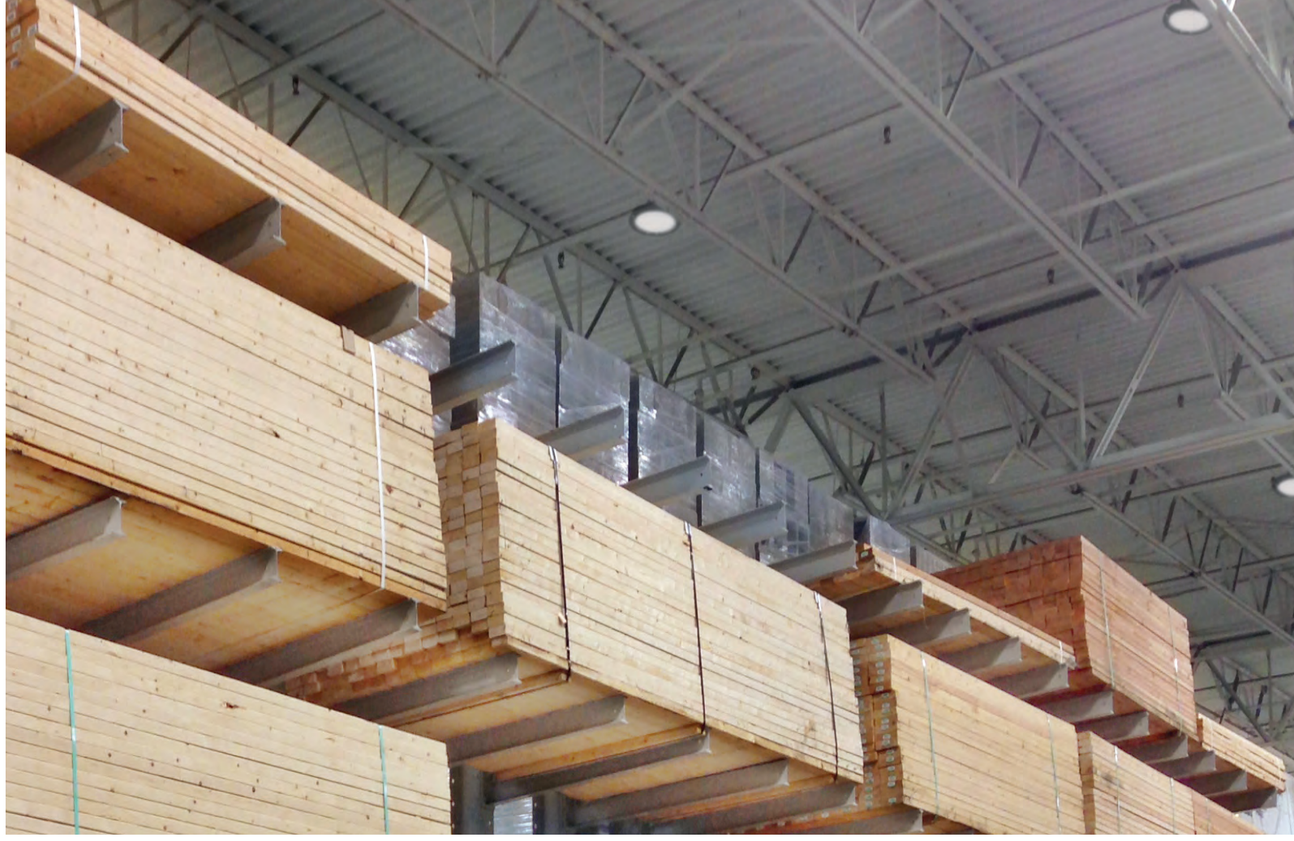
| Distance(m) | E(lx) | Dh(m) | Dv(m) | Eav(lx) |
|---|---|---|---|---|
| 1.0 | 11070.06 | 3.22 | 3.19 | 2976.84 |
| 2.0 | 2767.51 | 6.44 | 6.38 | 744.21 |
| 3.0 | 1230.01 | 9.67 | 9.57 | 330.76 |
| 4.0 | 691.88 | 12.89 | 12.76 | 186.05 |
| 5.0 | 442.80 | 16.11 | 15.95 | 119.07 |
| 6.0 | 307.50 | 19.33 | 19.14 | 82.69 |
| 7.0 | 225.92 | 22.56 | 22.33 | 60.75 |
| 8.0 | 172.97 | 25.78 | 25.53 | 46.51 |
| 9.0 | 136.67 | 29.00 | 28.72 | 36.75 |
| 10.0 | 110.70 | 32.22 | 31.91 | 29.77 |

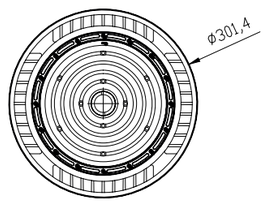
Beam Angle: H116.3 V115.8 Field Angle: H145.8 V145.7

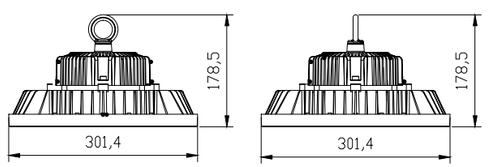


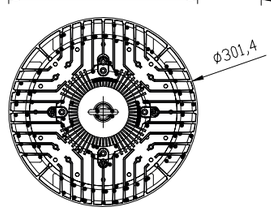

Aluminio-*Aluminium* **180-260V~ 50/60Hz** CRI≥80







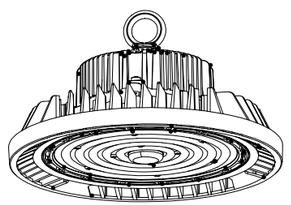



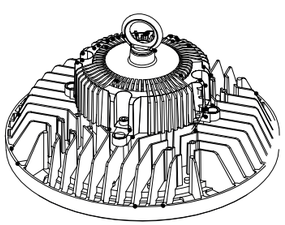









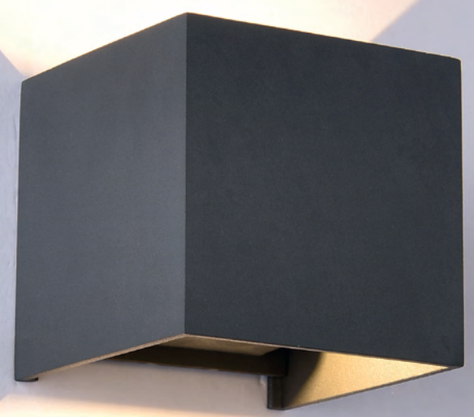



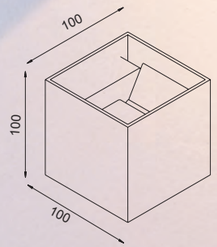


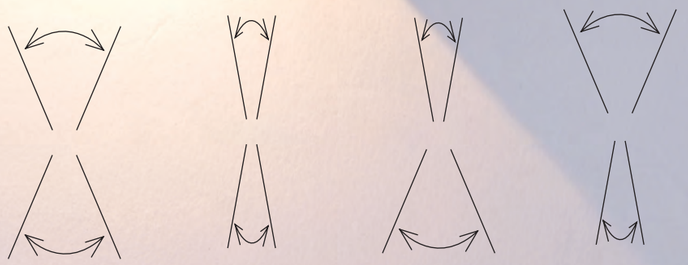
# DAVOS 3000K

**Aplique exterior**
*Wall lamp outdoor*

**6524** Negro arena-*Sand black*
**LED** 12W 1100lm





ON / OFF 30.000 · LED life / LED vida 20.000 h · garantía mantenga 5 YEAR WARRANTY GARANTIA LED · LED INCLUDED · IP54

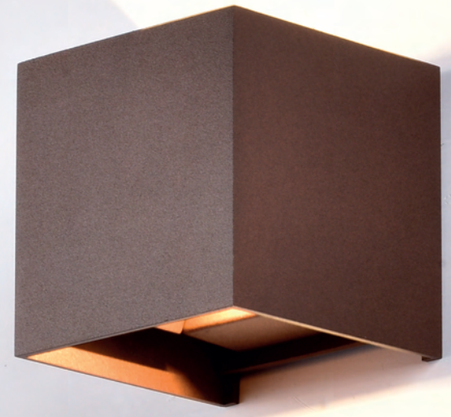
Aluminium-*Aluminium* **110-240V~ 50/60Hz** CRI:≥ 80

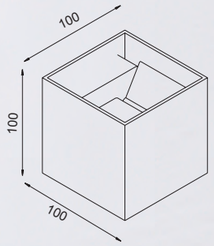


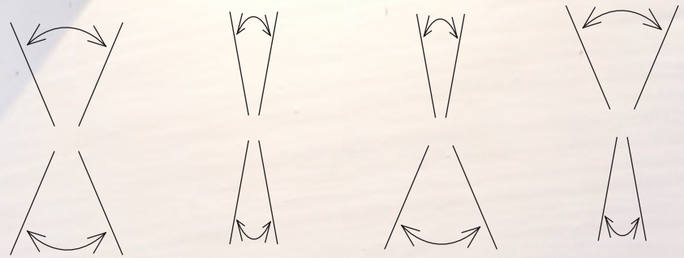
# DAVOS 3000K

**Aplique exterior**
*Wall lamp outdoor*

**6527** Corten-Corten
**LED** 12W 1100lm





ON / OFF 30.000 · LED life / LED vida 20.000 h · garantía mantenga 5 YEAR WARRANTY GARANTIA LED · LED INCLUDED · IP54

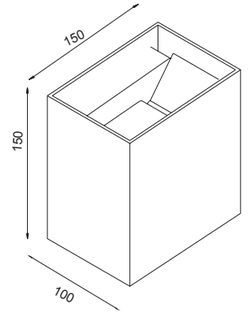
Aluminium-*Aluminium* **110-240V~ 50/60Hz** CRI:≥ 80

# DAVOS XL 3000K

**Aplique exterior**
*Wall lamp outdoor*

**7437** Negro arena-Sand *black*
**LED** 20W 1830 lm






**7438** Corten-*Corten*
**LED** 20W 1830 lm



**7436** Blanco-*White*
**LED** 20W 1830 lm



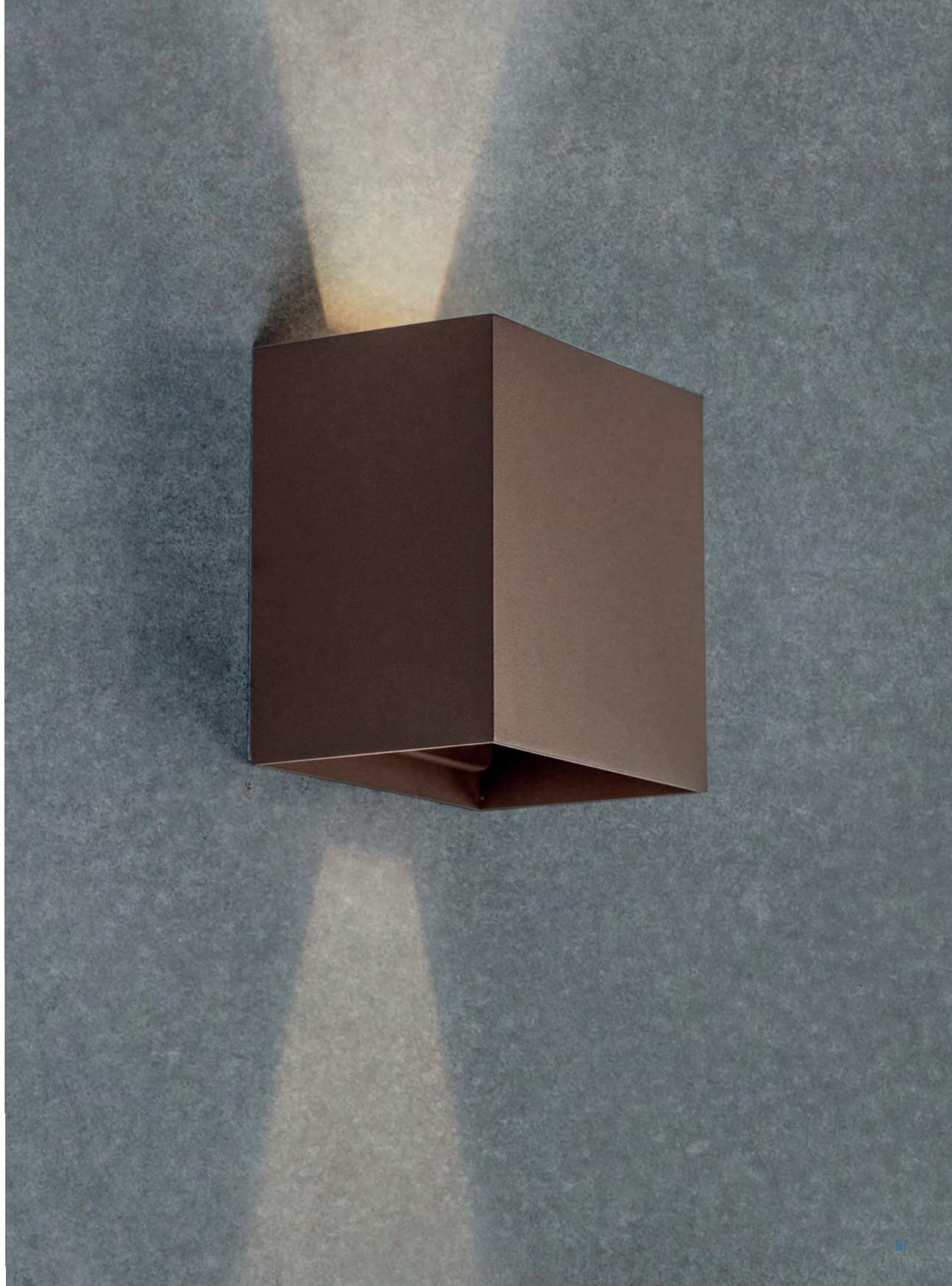
**7435** Gris oscuro-*Dark grey*
**LED** 20W 1830 lm



ON / OFF 30.000 · LED life / LED vida 30.000 h · garantía mantenimiento 5 años WARRANTY GARANTÍA LED · LED INCLUDED · IP65

Aluminio-*Aluminium* **220-240V 50/60Hz** CRI:≥ 80



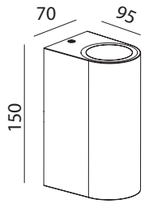


# KANDANCHU

**Aplique exterior**
*Wall lamp outdoor*

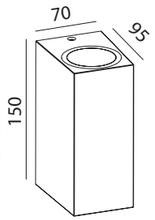
**7470** Corten
**2L**×GU10 (no incl.)





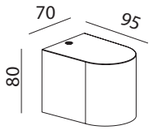

**7471** Corten
**2L**×GU10 (no incl.)





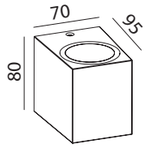

**7472** Corten
**1L**×GU10 (no incl.)






**7473** Corten
**1L**×GU10 (no incl.)








NOT INCLUDED

Aluminio/Cristal-*Aluminium/Glass* **100-240V ~ 50/60Hz** GU10 máx. 10W LED

# LED E14 Bulb

## Caracteristicas

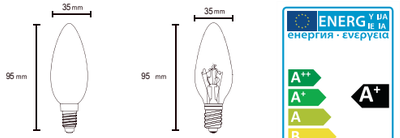
* Voltaje:AC 220-240V 50/60Hz
* 15,000 hrs. vida util
* Encendido instantaneo con potencia total
* Perfecta para reemplazar la lampara incandescente de 40W
* Baja temperatura al tacto
* Libre de mercurio, Libre de emision UV & IR
* Esta lampara no es idonea para la iluminacion de acentuacion

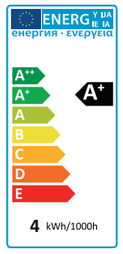
## Features

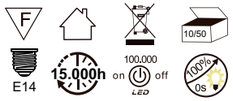
* Voltage: AC 220-240V 50/60Hz
* 15,000hrs long life time
* Instant start with full bright output flick free
* Perfect replacement for 40W incandescent Bulb
* Low temperature,safety to touch
* No UV or IR emission, mercury FREE
* This lamp is not suitable for accent lighting





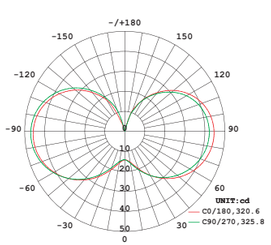

4W E14 485 Lumen

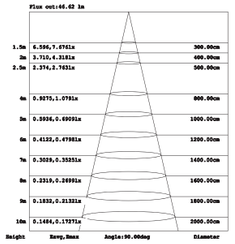






| Item No. | R09241 | R09242 |
|---|---|---|
| Potencia nominal/Wattage(W) | 4 | |
| Temperatura de color/CCT(K) | 3000K | 4000K |
| Flujo luminoso/Luminous Flux(lm) | 470 | 485 |
| Tension nominal/Votage(V) | AC 220-240V 50/60Hz | |
| Regulable/Dimmable | NO | |
| CRI | ≥80 | |
| Casquillo/Lamp Head | E14 | |
| Angulo/Beam Angle(deg) | 300° | |
| Material | Aluminio+Cristal / Aluminium + glass | |
| Dimensiones/Dimensions(mm) | Φ35*95 | |





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| 7483 | 24 |
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| R09242 | 54 |

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Vicente Moya

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José Ignacio Ballester

**Diseño gráfico**
Amparo Navarro
creativo@mantraco.org

**Impresores**
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**MANTRA**
Pol. Ind. Los Vientos
Calle Alisio, parcela nº4
46119 Náquera · Valencia · Spain
Tel. +34 96 160 99 50
mantra@mantraco.org

**Depto. Nacional**
Tel. +34 96 160 99 50
mar@mantraco.org

**Depto. Internacional**
Tel. +34 96 160 99 50
c.ando@mantraco.org

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