# Sistemas

# OZ

TARGETTI

# OZ SYSTEM 48V

## INFORMACIÓN GENERAL

**Power track**
Longitudes 1000mm – 2000mm – 3000mm
Juntas eléctricas lineales, L, T y X.
L ortogonal y junta orientable.

**Unidades luminosas magnéticas de LED**
Small fijo y orientable
Large fijo y orientable
5x Small fijo
3x Large fijo
Lineares Modul
Wall Washer Modul

**Perfil**
Perfil para instalaciones empotradas, a plafón y en suspensión con doble sección Small y Large.
Longitudes 1000mm – 2000mm – 3000mm

## LED

Emitter para la version Small.
Chip on Board para la version Large.
LED Engine constituido por tarjetas lineales para módulos lineales.
De 187lm a 2934lm
2700K - 3000K - 3500K - 4000K
Ra90

## EFICIENCIA PRODUCTO

Hasta 115lm/W

## ÓPTICAS

SP – FL – MWFL – WW
Opal para módulos lineales
DBS - Digital beam opening control para módulos individuales.

## ALIMENTACIÓN

Sistema 48V con alimentación electrónica - Casambi on board - Digital Dimming
Sistema de control DALI disponible como accesorio (solo para productos en versión Casambi).

## MATERIAL

**Power track**
Policarbonato blanco o negro con 2 pistas de conducción de acero inoxidable.

**Unidades luminosas magnéticas de led**
Presofusión de aluminio pintado de blanco o negro. lente de acrílico y máscara de policarbonato negro.

**Módulos lineales**
Cuerpo de aluminio extruido pintado de blanco o negro. Reflector MCPET blanco de alta reflectancia y pantalla de cierre de policarbonato opalino.

**Módulos Wall Washer**
Cuerpo de presofusión de aluminio pintado de blanco o negro. Reflector de aluminio anodizado y filtro holográfico difusor.

**Perfil**
aluminio extruido pintado de blanco o negro.

## BAJO PETICIÓN

Easy Custom Colour

Alimentación 110-277Vac

**OZ, un sistema que diseña el espacio y lo ilumina con enorme facilidad y ligereza. Un diseño limpio y minimalista, un carril finísimo de 6 mm de espesor, alimentado a 48V. El verdadero corazón del sistema, el conector magnético, se desarrolla libremente en el espacio listo para recibir en cualquier punto las unidades luminosas disponibles en las diversas tipologías, tamaños y aberturas de haz.**

**El sistema se puede dejar a vista en instalaciones en superficie en las que se desee destacar la ligereza y la tecnología, o se puede alojar en el interior de perfiles dedicados que permiten instalaciones en superficie, en suspensión y empotradas.**

**El sistema está disponible con controlador 1-10V (Digital Dimming) y gateway DALI-Casambi.**

**Los módulos luminosos individuales están disponibles en versión DBS - Dynamic Beam Shaper.**

**OZ está disponible también en versión stand alone 230V a plafón y empotrado.**

Indoor

Sistemas

# Highlights

### A El mundo no está hecho solo de ángulos rectos

Oz no es un sistema rígido y riguroso donde las líneas se pueden encontrar solo ortogonalmente. El nuevo empalme ajustable permite crear geometrías inéditas, ampliando notablemente las posibilidades de configuración y uso del sistema OZ. Gracias al nuevo sistema de conexión es posible diseñar en el espacio con mayor libertad todavía: cada empalme puede acoger de 2 a 8 conectores creando ángulos libres entre las “redes” (ángulo mínimo 45°).

### B Módulo DBS: un nuevo record de OZ

En la versión individual, tanto fija como orientable, Oz es el primer módulo luminoso miniaturizado en poder equipar el innovador sistema óptico dinámico DBS (Dynamic Beam Shaper), el cual permite regular digitalmente el ángulo de abertura del haz. No solo es posible añadir, quitar y mover los módulos luminosos a lo largo de los conectores, sino que ahora es posible definir con extremada facilidad, además de la emisión luminosa, también la distribución fotométrica de cada uno de los puntos de luz. ¡Un campeón de flexibilidad!

### C Módulos luminosos lineales

Disponibles en dos tamaños - L=569mm y L=869mm-, garantizan un efecto suave y homogeneo. Desde ahora, estan disponibles también con Digital Dimming.

### D Módulos luminosos Wall Washer

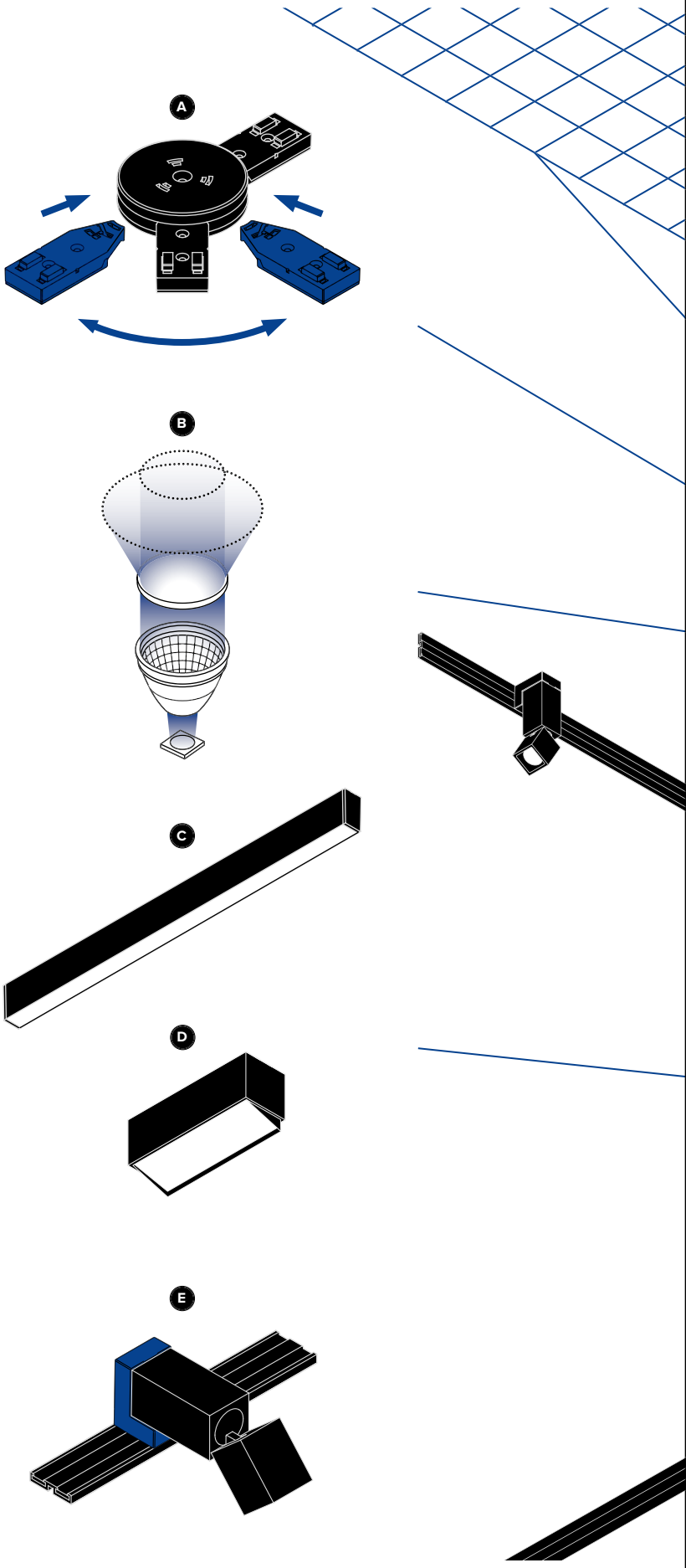
Para una iluminación uniforme y difusa en superficies verticales, nuevos módulos OZ con óptica Wall Washer.

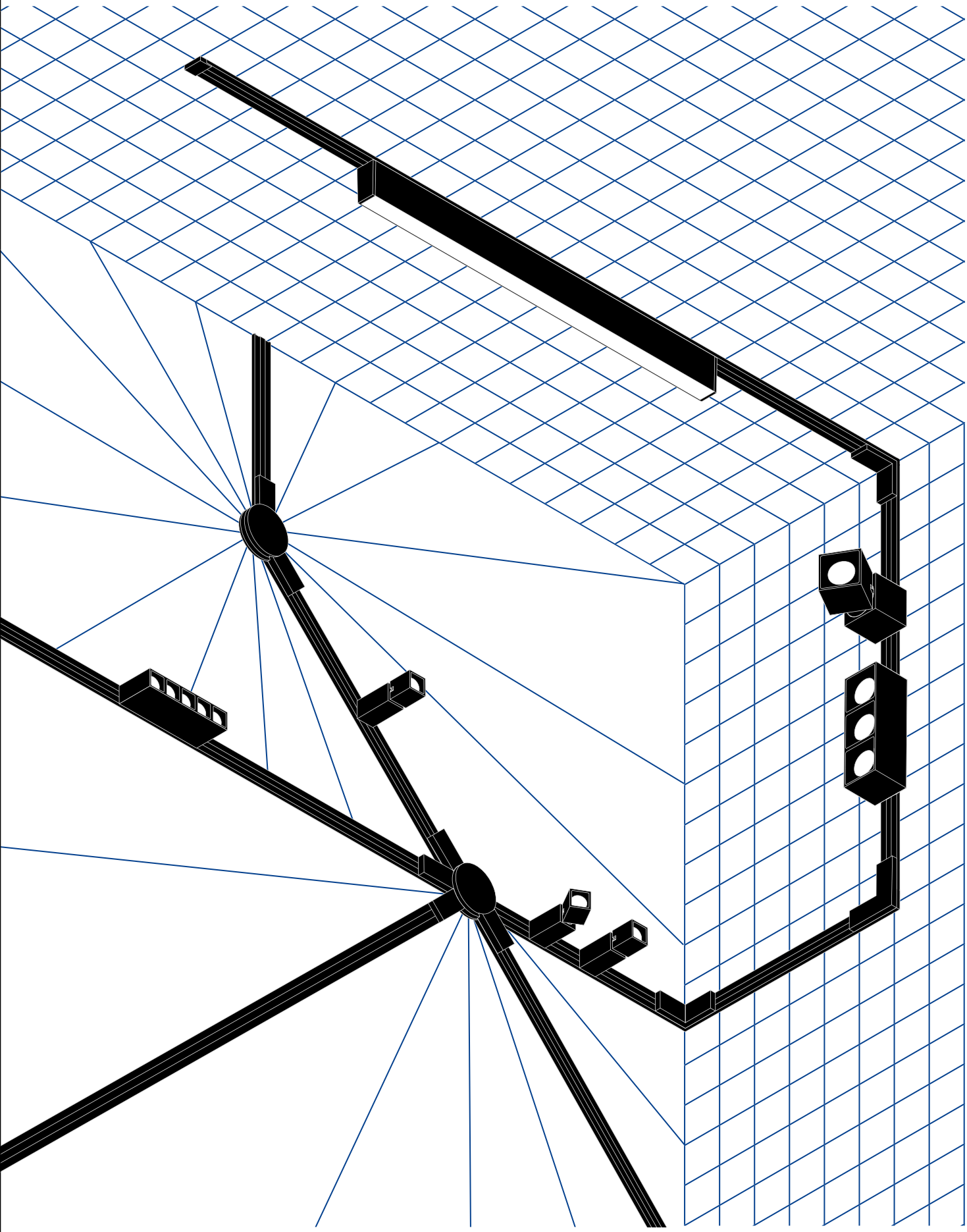
### E Soporte de L

Gracias al soporte de L, el sistema es todavía más flexible. En la instalación estándar las unidades luminosas resultan perpendiculares al conector; el nuevo soporte de L ofrece la posibilidad de enganchar los módulos Small a 90° para permitir, por ejemplo, una iluminación cenital incluso cuando el conector se instala en cornisas o en una viga.

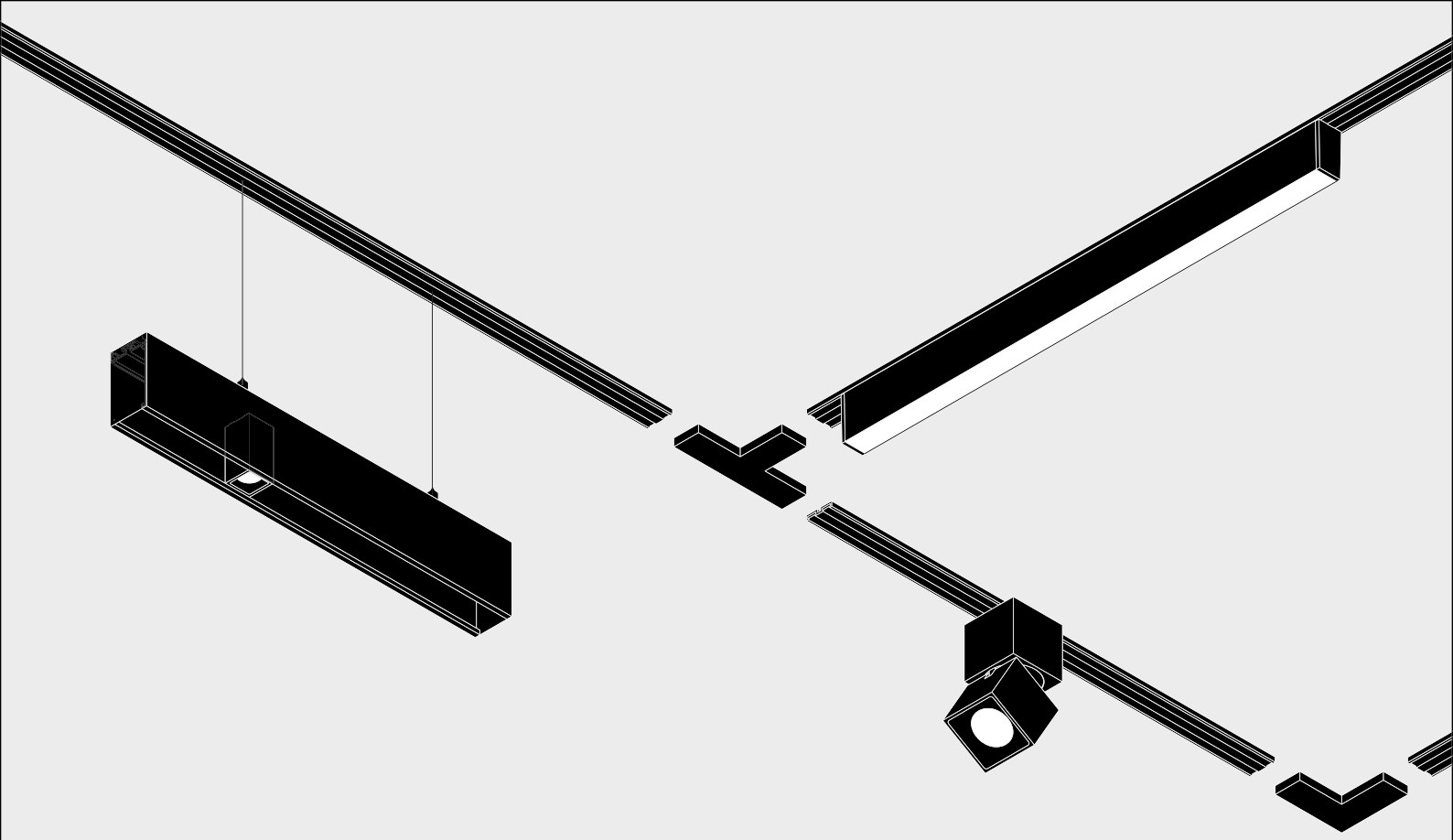
### Un sistema conectado

Gracias al nuevo gateway DALI-Casambi es posible conectar los módulos OZ en versión Casambi con un sistema DALI tradicional. Esto permite comandar cada uno de los módulos luminosos mediante Bluetooth directamente desde la central DALI.

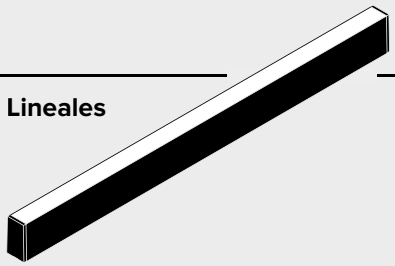




Sistemas



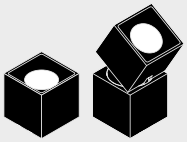
## Módulos luminosos



### Individuales

**Fijo y orientable**
**Small**

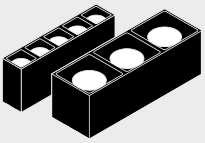
25x25mm



**Fijo y orientable**
**Large**

50x50mm

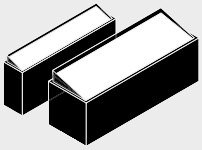
### Múltiples



**Small / Large**

25x125mm
50x150mm

### Wall Washer



**Small / Large**

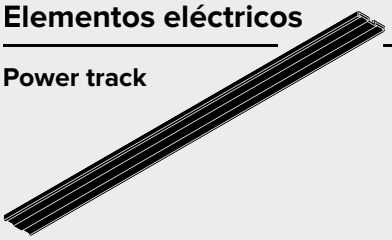
25x125mm
50x150mm

### Lineales

**Small**

L=569mm e L=869mm

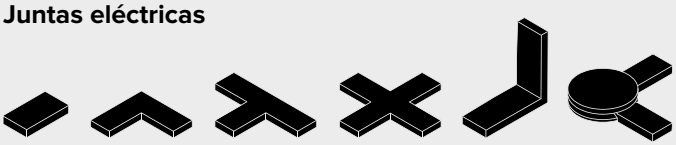
## Elementos eléctricos



### Power track

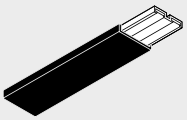
L=1/2/3m • 48V DC
*A completar con los tapones correspondietnes

### Juntas eléctricas



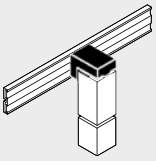
**Junta lineal de L, T, X, L ortogonal, orientable**

### Accesorios



**Cobertura**

L=1/2/3m



**Soporte de L**

### Alimentación

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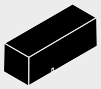
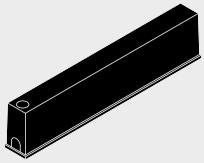
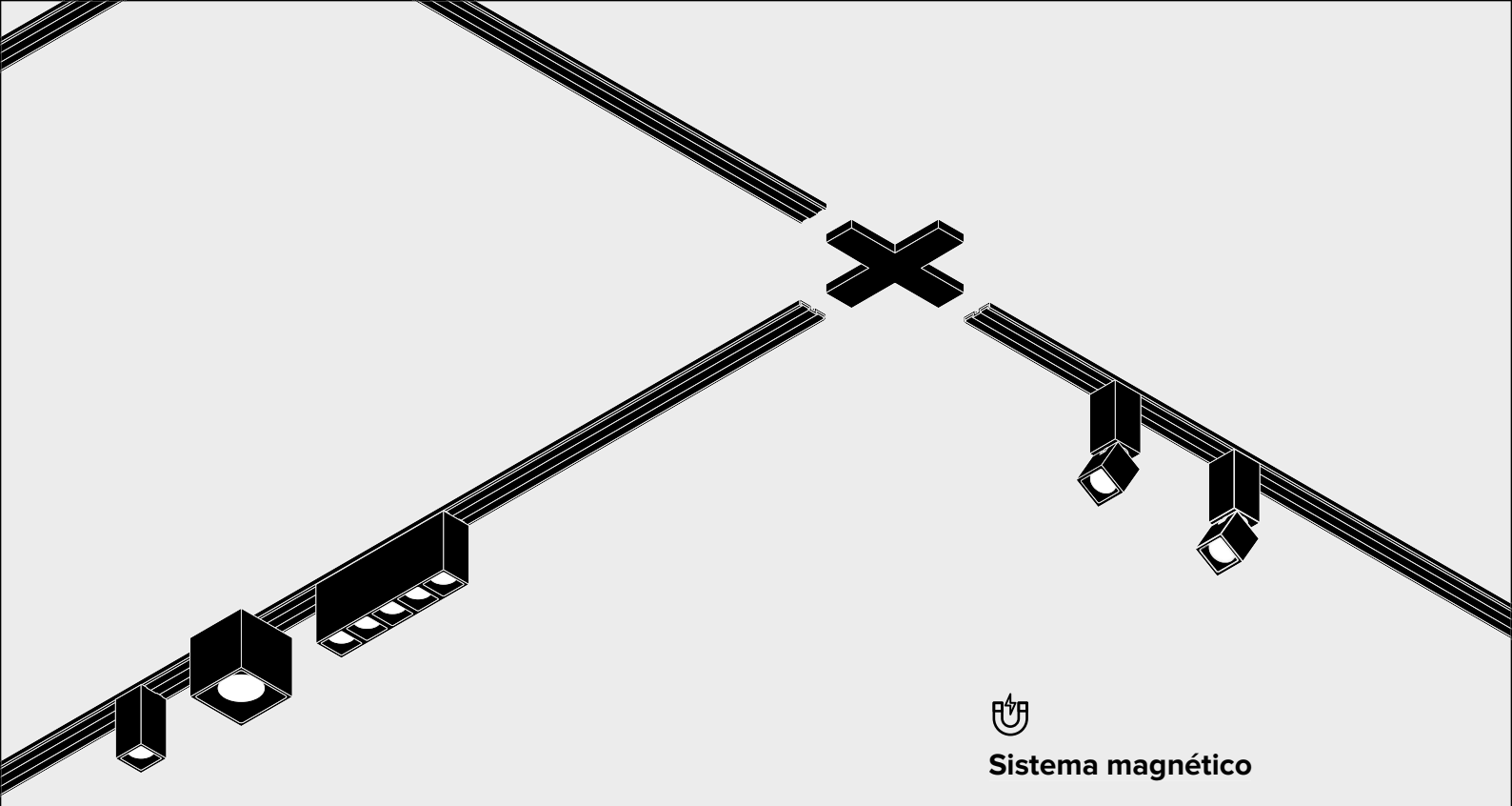


**Cabezal de alimentación para driver remoto**



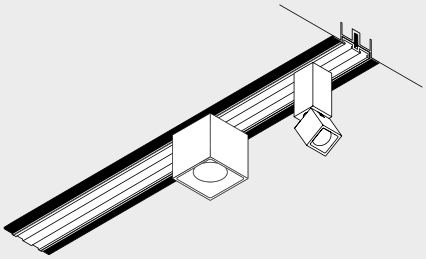
**Driver on board**



## Sistema magnético

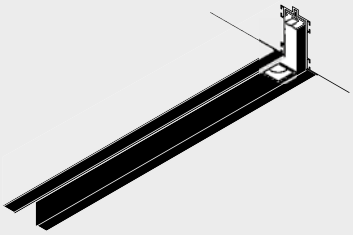
## Soluciones de instalación

### Empotrado para conector



L=1/2/3m

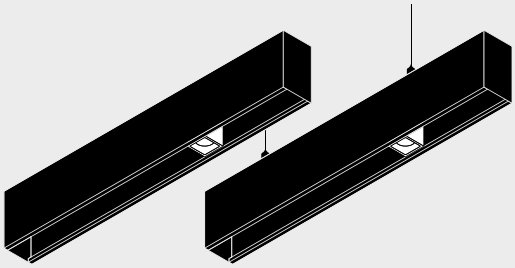
### Empotrado



**Perfiles para módulos Small**
**Perfiles para módulos Large**

L=1/2/3m
*A completar con los tapones correspondietnes

### Plafón en suspensión



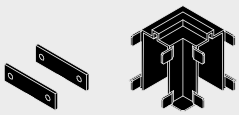
**Perfiles para módulos Small**
**Perfiles para módulos Large**

L=1/2/3m
*A completar con los tapones correspondietnes

### Accesorios

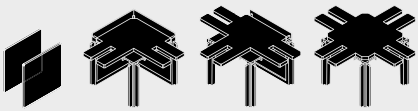
**Cobertura para módulos Small/Large**

### Accesorios para empotrado



**Junta mecánica lineal y junta de L**

### Accesorios para plafón en suspensión



**Junta mecánica lineal de L, T, X**

## El power-track es el núcleo del sistema

El power-track está disponible en tres longitudes diferentes, en blanco y negro. Es posible equipar el power-track con una carcasa que cubre los dos rieles metálicos de la barra para un efecto de limpieza formal total. La carcasa se puede cortar fácilmente a medida durante la instalación.

## Innovador sistema magnético de 48V

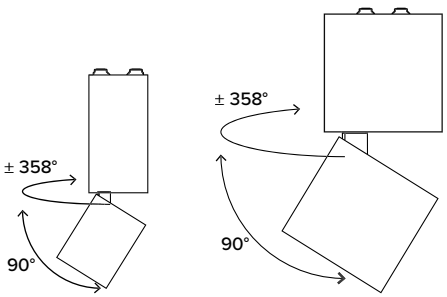
Fácil y rápida fijación de los módulos en el carril. Mediante el sistema imantado basta con acercarlos a cualquier punto del sistema para quedar sujetos y conectados, sin necesidad de accesorios o herramientas.

## Módulos luminosos lineares

La familia OZ crece con nuevos módulos luminosos lineales. Disponibles en dos tamaños están equipados con sistema óptico compuesto por un reflector de alta reflectancia y pantalla de policarbonato ópalo para conseguir un efecto suave y difuso.

## Módulos luminosos individuales

Disponibles en dos tamaños de reducidas dimensiones - 25x25x50 y 50x50x50 - ambas en versión fija y orientable. Ahora disponibles también con óptica variable DBS – Dynamic Beam Shaper. Pueden disponer de cuerpo con acabado blanco y mascarilla negra o ser completamente negros.



## Módulos luminosos múltiples

Multióptica 3x para la versión Large y 5x para la versión Small, disponibles tanto en versión electrónica como Casambi para el control remoto de los puntos de luz. Es posible utilizar de manera autónoma los diversos puntos de luz del mismo carril, creando así escenografías diferentes según las necesidades.

## No solo blanco o negro

Bajo petición es posible recibir tanto los módulos luminosos individuales como los módulos múltiples en el color RAL deseado.
Descarga la gama de colores RAL en nuestra página web y elige el color más adecuado para tu proyecto.

Easy Custom Colour

targetti.com/downloads

NEW

## Wall Washer módulos

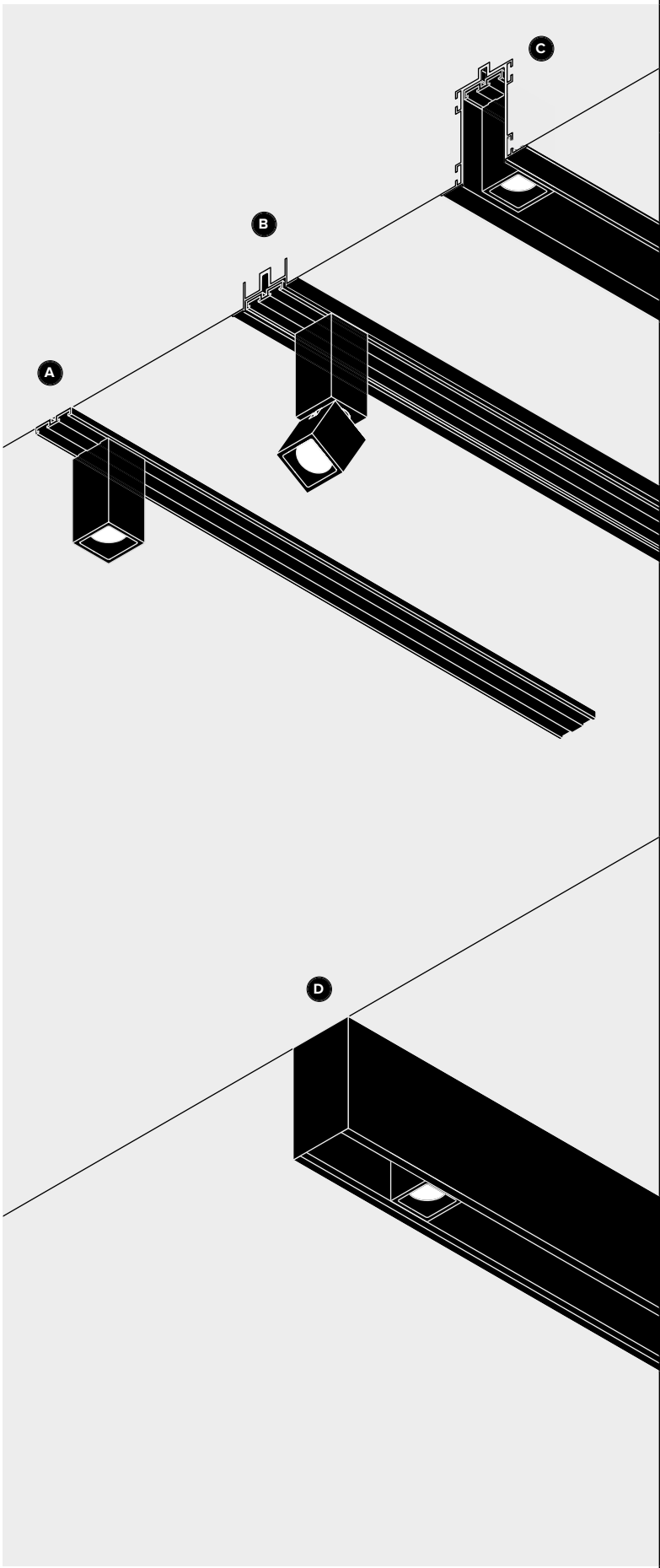
Disponibles los nuevos módulos OZ wall washer, en versiones Small y Large, para una iluminación uniforme y difusa de las superficies verticales. El exclusivo sistema óptico permite mantener el ratio correcto de 1 a 3 entre la distancia a la pared y su altura.

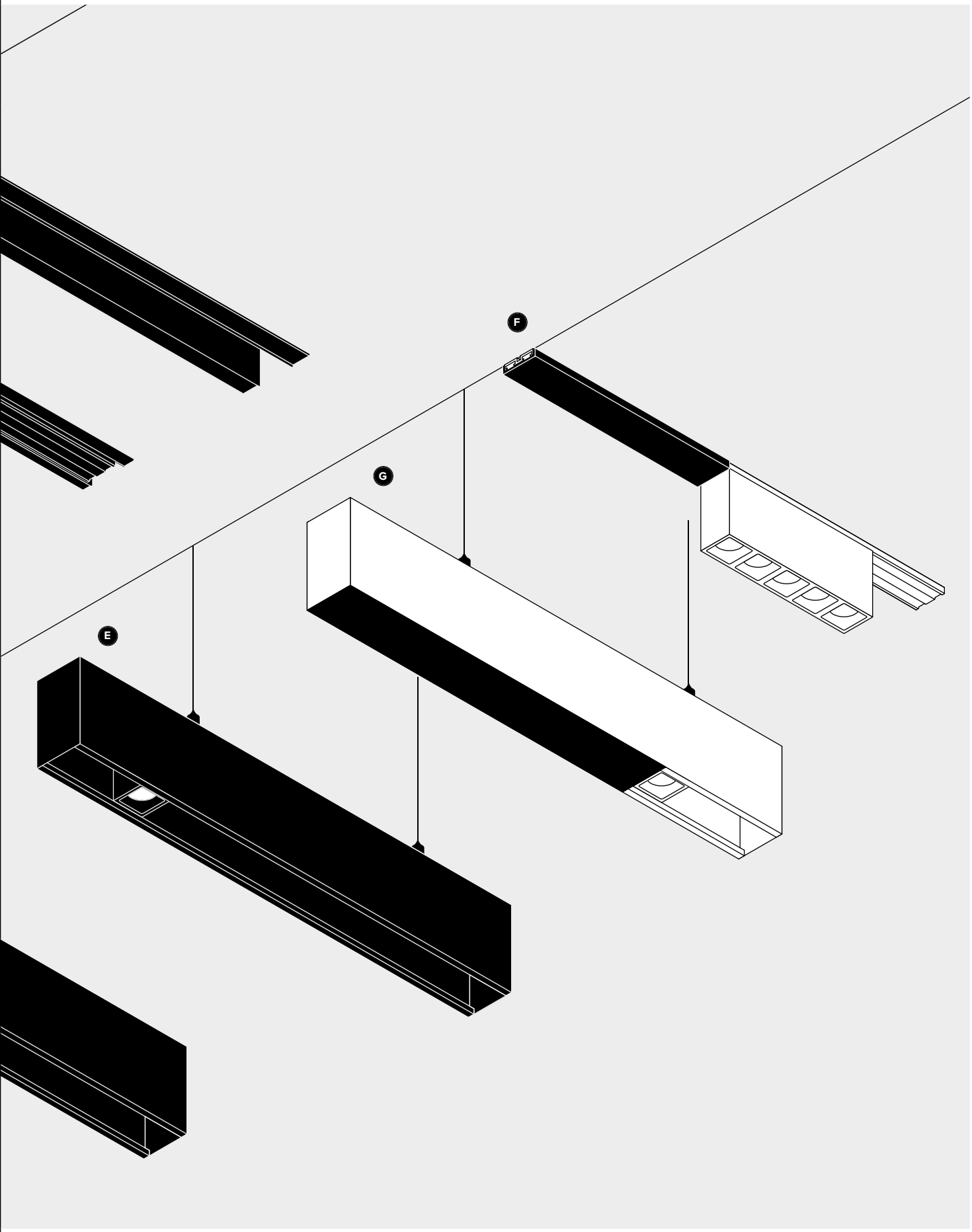
# Cinco soluciones diferentes para la máxima flexibilidad de uso

OZ permite la máxima flexibilidad de uso. El conector se puede instalar directamente en la pared y a plafón (A). Mediante el uso del correspondiente perfil empotrado para conector, ideal para la instalación en contratechos existentes, es posible empotrar solo el conector, dejando a vista las unidades luminosas (B). En alternativa, los perfiles disponibles permiten instalar el conector y los módulos luminosos ocultos en el contratecho (C), a plafón (D) o en suspensión (E).

Gracias a la cubierta accesoria (F), disponible en blanco o negro, es posible cubrir el conector para conseguir un efecto de limpieza total. Se ha estudiado también una cobertura especial para completar el sistema OZ incluso en instalaciones con perfiles para aplicaciones a plafón o en suspensión (G).

La cubierta se puede cortar fácilmente a medida para dejar expuesta solo la parte de conector necesaria para la instalación de los módulos luminosos.




F
G
E

**Zoya boutique**
Bangalore, Karnataka - India

**Architect** Deepak Prem Architects
**Lighting Design** Mrs. Anusha Muthusubramanian, Lighting Spaces

**Photographer** GOJIS Lifestyle Pvt Ltd

Indoor

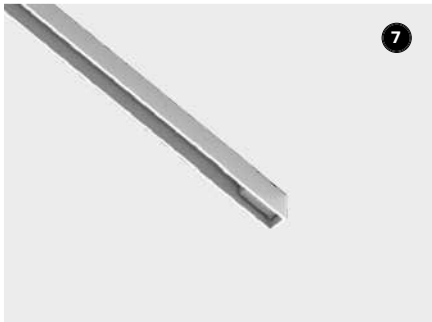
**Un único perfil para instalaciones empotradas con o sin brida**
El perfil empotrado se ha desarrollado especialmente para permitir tanto la instalación trimless como con brida a vista.
Esto permite hacer un pedido único y decidir después la modalidad de instalación.

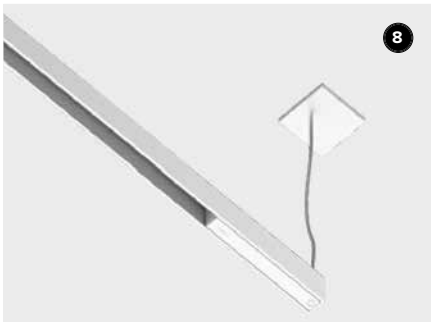
# Varias posibilidades de alimentación

La alimentación de OZ tiene lugar con box driver instalado directamente en el conector o con driver posicionado a distancia, a completar con el cabezal de alimentación. El box driver incorporado se puede colocar como cabezal del sistema o en el centro entre 2 conectores.

Para usos en suspensión es posible elegir la solución con driver en el techo instalado como rosón y a completar con cabezal de alimentación colocado directamente en el conector.

1. IInstalación directa en el conector con box driver integrado
2. Instalación directa en el conector con driver remoto y cabezal de alimentación
3. Instalación directa en el conector con driver integrado colocado en el centro entre dos conectores
4. Instalación en el perfil empotrado con box driver integrado
5. Instalación en el perfil empotrado con driver remoto y cabezal de alimetación colocado sobre el conector
6. Instalación en el perfil a plafón con box driver integrado
7. Instalación en el perfil a plafón con driver remoto y cabezal de alimetación colocado sobre el conector
8. Instalación en el perfil en suspensión con box driver integrado
9. Instalación en el perfil en suspensión con box driver en el techo y cabezal de alimetación colocado sobre el conector

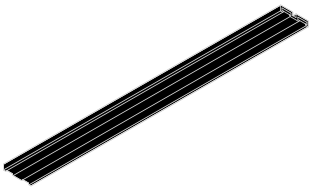


# Cómo configurar OZ

**A**

**Configuración estándar**

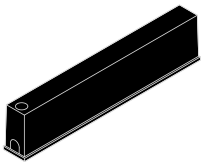


Power Track

+

Producto estándar

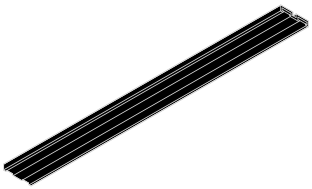
+



Alimentación integrada o a distancia

**B**

**Configuración Casambi**

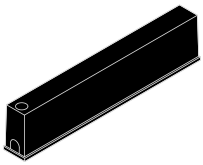


Power Track

+

Producto Casambi (CA)

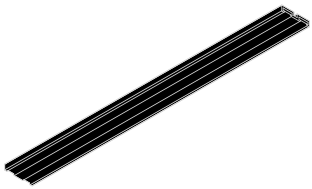
+



Alimentación integrada o a distancia

**C**

**Configuración DALI**



Power Track

+

Producto Casambi (CA)

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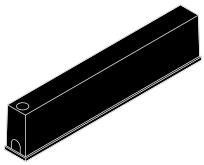
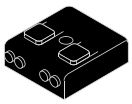


Alimentación integrada o a distancia

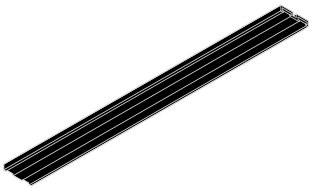
+



Bridge DALI-Casambi

**D**

**Configuración Digital Dimming**

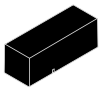


Power Track

+

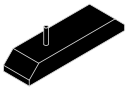
Producto Digital Dimming (DD)

+



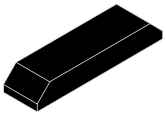
Cabezal de alimentación Digital Dimming (Estándar o dimer integrado)

+



Controller 1-10V

+



Driver remoto

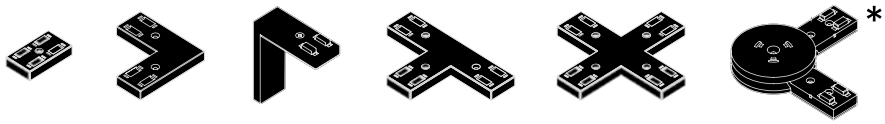
# Las reglas de OZ

## 5

Es el número máximo de empalmes que se pueden utilizar en una misma configuración por cada fuente de alimentación individual

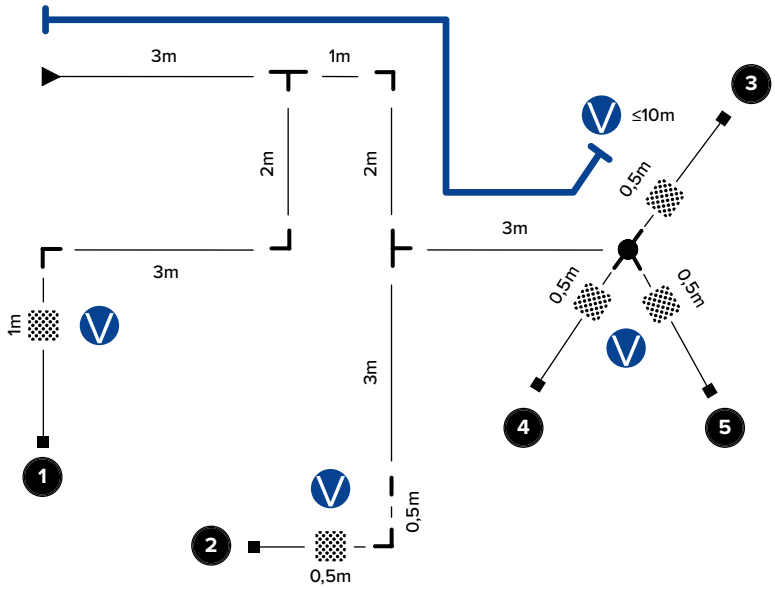
## 10

Metros, esta es la distancia máxima entre el módulo luminoso y la cabezal de alimentación dentro la misma configuración




1X 1X 1X 1X 1X 2X

* El junto electrico ajustable debe ser sumado dos veces sin tener en cuenta cuantos rieles están efectivamente conectado a lo mismo




**Configuracion 1**

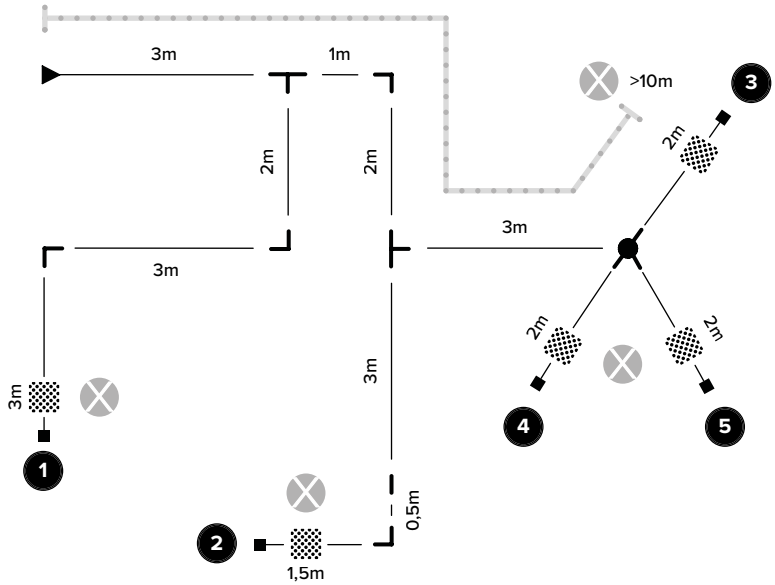
⊥ + L + L = 3

**Configuracion 2**

⊥ + L + ⊥ + I + L = 5

**Configuracion 3 4 5**

⊥ + L + ⊥ + ⅄ = 5




Módulo luminoso

Cabezal de alimentación

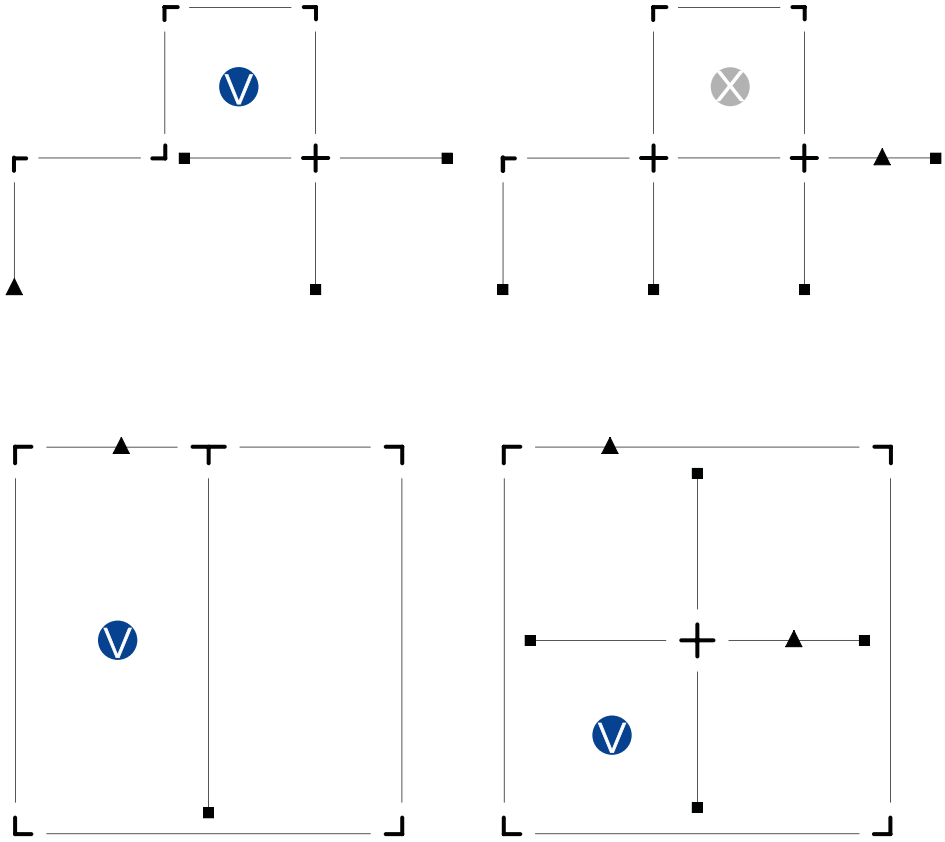
Tapón

Juntas

Indoor

# 1

Son los sistemas cerrados que se pueden crear. Solo se pueden hacer sistemas cerrados con 4 juntas en L



Cabezal de alimentación

Tapón

Juntas

# 3

**Existen 3 tipologías de driver disponibles**

- Box driver incorporado que se introduce directamente en el conector - máx 90W
- Box driver a instalar en el techo - máx 90W - y a completar con cabezal de alimentación
- Driver remoto a completar con cabezal de alimentación - máx 210W

# 100

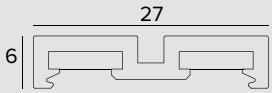
Watt es la potencia máxima que se pueden instalar en cada metro.
La potencia total de la configuración varía en base a la tipología del driver utilizado.

# ∞

Las soluciones posibles

# OZ

## Power Track



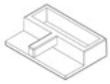

### POWER TRACK

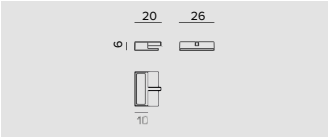
IP20

| Kg | L | Color | |
|---|---|---|---|
| 0,3 | 1000 | ○ | **1T7431** |
| 0,59 | 2000 | ○ | **1T7432** |
| 0,89 | 3000 | ○ | **1T7433** |
| 0,3 | 1000 | ● | **1T7434** |
| 0,59 | 2000 | ● | **1T7435** |
| 0,89 | 3000 | ● | **1T7436** |

# Códigos para completar

### Tapones de cierre

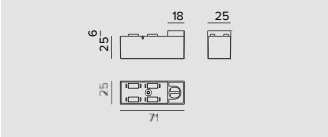





| Color | Código |
|---|---|
| ○ | **1T7026** |
| ● | **1T7027** |

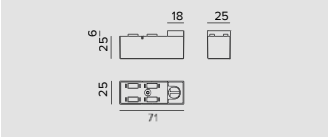
Kit 2 tapones.

### Alimentación



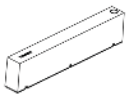

| Dimensiones LxHxP | Color | Código |
|---|---|---|
| 71x27x25 | ○ | **1T7024** |
| 71x27x25 | ● | **1T7025** |

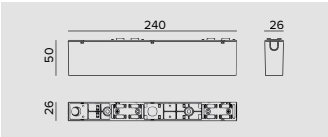
Alimentación para cabezal.




| Dimensiones LxHxP | Versión | Color | Código |
|---|---|---|---|
| 71x27x26 | STANDARD | ○ | **1T9526DD** |
| 71x27x26 | DIMM ON BOARD | ○ | **1T9603DD** |
| 71x27x26 | STANDARD | ● | **1T9604DD** |
| 71x27x26 | DIMM ON BOARD | ● | **1T9605DD** |

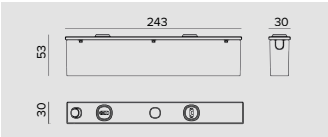
Alimentación para cabezal Digital Dimming.






| Driver | Color | Código |
|---|---|---|
| EL. | ○ | **1T7028EL** |
| EL. | ● | **1T7029EL** |

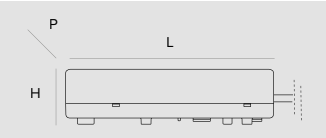
Box driver 48Vdc con enganche magnético.
LxHxP=240x54x26mm, 90W.




| Driver | Color | Código |
|---|---|---|
| EL. | ○ | **1T7030EL** |
| EL. | ● | **1T7172EL** |

Box driver 48Vdc para instalación a plafón.
LxHxP=243x58x30mm, 90W.

# OZ




| Dimensiones LxHxP | W | IP | Código |
|---|---|---|---|
| 225x36x60 | 60W | IP20 | **1T6917EL** |
| 240x49x60 | 130W | IP20 | **1T6916EL** |
| 251x37x90 | 210W | IP67 | **1T7403EL** |

Driver electrónico 48Vdc.
**1T6917EL** - Alimentador único para sistemas electrónicos DALI y Casambi. Distancia máxima 20m - cable 1,5mm².
**1T6916EL** - Alimentador único para sistemas electrónicos DALI y Casambi. Distancia máxima 10m - cable 1,5mm².
**1T7403EL** - Alimentador universal 110-277V, apto para sistemas electrónicos DALI y Casambi. Distancia máxima 5m - cable 1,5mm².

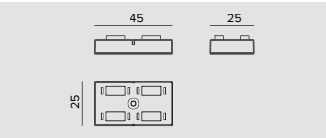
## Importante

Los drivers como accesorio del catálogo Targetti aseguran el “Safe Flicker” de las luminarias.

Los productos en versión Digital Dimming deben ser completados con driver remoto (1T6917EL, 1T6916EL, 1T7403EL) y controlador 1-10V (1T9594D - página 340).

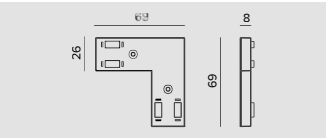
# Accesorios

### Junta eléctrica



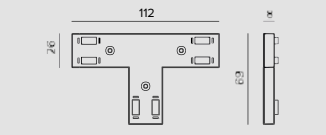

| Color | Código |
|---|---|
| ○ | **1T7016** |
| ● | **1T7020** |

Junta eléctrica lineal.
5 juntas maximas para cada fuente de alimentaciòn.



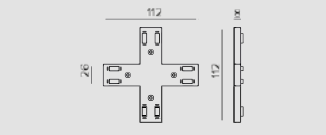

| Color | Código |
|---|---|
| ○ | **1T7017** |
| ● | **1T7021** |

Junta eléctrica de L.
5 juntas maximas para cada fuente de alimentaciòn.



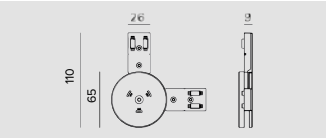

| Color | Código |
|---|---|
| ○ | **1T7018** |
| ● | **1T7022** |

Junta eléctrica de T.
5 juntas maximas para cada fuente de alimentaciòn.



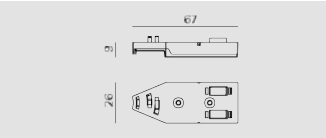

| Color | Código |
|---|---|
| ○ | **1T7019** |
| ● | **1T7023** |

Junta eléctrica de X.
5 juntas maximas para cada fuente de alimentaciòn.




| Color | Código |
|---|---|
| ○ | **1T9524** |
| ● | **1T9525** |

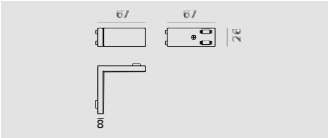
Junta eléctrica orientable a 2 vías.
A través de elementos accesorios puede conectar hasta 8 Power Track.




| Color | Código |
|---|---|
| ○ | **1T9579** |
| ● | **1T9580** |

Elemento accesorio para junta eléctrica orientable (1T9524 y 1T9525).

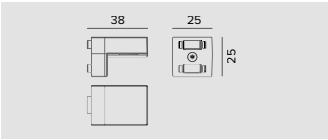
# OZ




| Color | Código |
|---|---|
| ○ | **1T7439** |
| ● | **1T7440** |

Junta eléctrica ortogonal de L.
5 juntas maximas para cada fuente de alimentaciòn.

## Sistema de fijación




| Color | Código |
|---|---|
| ○ | **1T9592** |
| ● | **1T9593** |

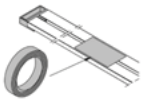
Soporte de L que ofrece la posibilidad de enganchar los módulos a 90° respecto al Power Track.
El soporte permite, por ejemplo, una iluminación cenital incluso cuando el Power Track se instala en la pared.
Solo para módulo luminoso individual 25x25mm.

## Panel de cobertura

| L | Color | Código |
|---|---|---|
| 1000 | ○ | **1T7938** |
| 1000 | ◐ | **1T7941** |
| 2000 | ○ | **1T7939** |
| 2000 | ◐ | **1T7942** |
| 3000 | ○ | **1T7940** |
| 3000 | ◐ | **1T7943** |

Funda para Power Track (5 unidades).

## Sistema de fijación



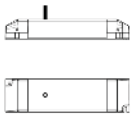
| Código |
|---|
| **1T7098** |

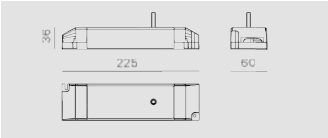
Rodillo adhesivo de doble cara, 10m de largo para la fijación del Power Track en cualquier superficie.

| Código |
|---|
| **1T9523** |

Estribo para la instalación del Power Track de techo en contratechos modulares.

## Sistemas de control






| Código |
|---|
| **1T9594D** |

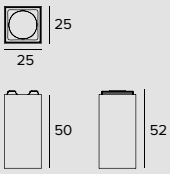
Controlador 1-10V (Digital Dimming - DIMM ON BOARD) para instalación remota.
Cada regulator 1-10V puede controlar varios productos hasta un máximo de 96W por circuito eléctrico.

| Código |
|---|
| **1T8173CA** |

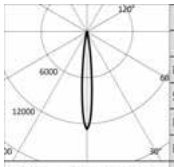
Bridge DALI/Casambi: dispositivo que permite la comunicación entre luminarias con tecnología mesh Bluetooth Casambi y una instalación DALI tradicional y que se pueden regular desde la central DALI.
Dentro del circuito DALI puede haber hasta un máximo de 64 unidades, entre luminarias DALI cableadas y Casambi inalámbricas.
Funciona solo con redes Casambi Evolution.
El Bridge DALI es transparente en el sistema DALI, por lo tanto no ocupa ninguna dirección.
No es necesaria alimentación eléctrica ya que recibe la corriente directamente del bus DALI.
LxHxP=40,4x14x36,3mm.

# OZ

## Módulo luminoso Individual fijo 25x25mm



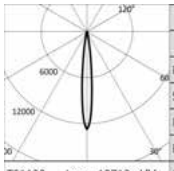

### LED / 2,1W / LENTE / SP / FIJO




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 11° | |
| Fixture Power | 3W | 1 | 0.20 | 2505 |
| Source Flux | 197lm | 2 | 0.40 | 626 |
| Fixture Flux | 154lm | 3 | 0.60 | 278 |
| Efficacy | 55lm/W | 4 | 0.79 | 157 |
| TS1122 Imax=12713cd/klm | Imax | 2505cd | 5 | 0.99 | 100 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7506** | **1T7507** | **1T7508** | **1T7509** |
| ● | **1T7518** | **1T7519** | **1T7520** | **1T7521** |

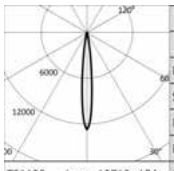
### LED / 2,1W / LENTE / SP / FIJO CASAMBI




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 11° | |
| Fixture Power | 3W | 1 | 0.20 | 2505 |
| Source Flux | 197lm | 2 | 0.40 | 626 |
| Fixture Flux | 154lm | 3 | 0.60 | 278 |
| Efficacy | 55lm/W | 4 | 0.79 | 157 |
| TS1122 Imax=12713cd/klm | Imax | 2505cd | 5 | 0.99 | 100 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7099CA** | **1T7100CA** | **1T7101CA** | **1T7102CA** |
| ● | **1T7111CA** | **1T7112CA** | **1T7113CA** | **1T7114CA** |

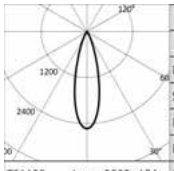
### LED / 2,1W / LENTE / SP / FIJO DIGITAL DIMMING




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 11° | |
| Fixture Power | 3W | 1 | 0.20 | 2505 |
| Source Flux | 197lm | 2 | 0.40 | 626 |
| Fixture Flux | 154lm | 3 | 0.60 | 278 |
| Efficacy | 55lm/W | 4 | 0.79 | 157 |
| TS1122 Imax=12713cd/klm | Imax | 2505cd | 5 | 0.99 | 100 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7099DD** | **1T7100DD** | **1T7101DD** | **1T7102DD** |
| ● | **1T7111DD** | **1T7112DD** | **1T7113DD** | **1T7114DD** |

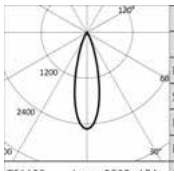
### LED / 2,1W / LENTE / FL / FIJO




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 28° | |
| Fixture Power | 3W | 1 | 0.51 | 497 |
| Source Flux | 197lm | 2 | 1.01 | 124 |
| Fixture Flux | 148lm | 3 | 1.52 | 55 |
| Efficacy | 53lm/W | 4 | 2.02 | 31 |
| TS1123 Imax=2525cd/klm | Imax | 497cd | 5 | 2.53 | 20 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7510** | **1T7511** | **1T7512** | **1T7513** |
| ● | **1T7522** | **1T7523** | **1T7524** | **1T7525** |

### LED / 2,1W / LENTE / FL / FIJO CASAMBI

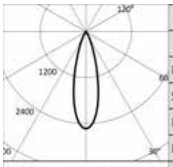



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 28° | |
| Fixture Power | 3W | 1 | 0.51 | 497 |
| Source Flux | 197lm | 2 | 1.01 | 124 |
| Fixture Flux | 148lm | 3 | 1.52 | 55 |
| Efficacy | 53lm/W | 4 | 2.02 | 31 |
| TS1123 Imax=2525cd/klm | Imax | 497cd | 5 | 2.53 | 20 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7103CA** | **1T7104CA** | **1T7105CA** | **1T7106CA** |
| ● | **1T7115CA** | **1T7116CA** | **1T7117CA** | **1T7118CA** |

# OZ

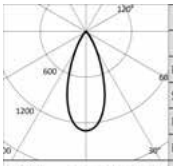
## LED / 2,1W / LENTE / FL / FIJO DIGITAL DIMMING




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 28° | |
| Fixture Power | 3W | 1 | 0.51 | 497 |
| Source Flux | 197lm | 2 | 1.01 | 124 |
| Fixture Flux | 148lm | 3 | 1.52 | 55 |
| Efficacy | 53lm/W | 4 | 2.02 | 31 |
| TS1123 Imax=2525cd/klm | Imax | 497cd | 5 | 2.53 | 20 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7103DD** | **1T7104DD** | **1T7105DD** | **1T7106DD** |
| ● | **1T7115DD** | **1T7116DD** | **1T7117DD** | **1T7118DD** |

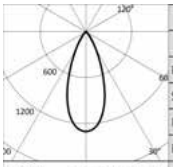
## LED / 2,1W / LENTE / MWFL / FIJO




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 41° | |
| Fixture Power | 3W | 1 | 0.75 | 256 |
| Source Flux | 197lm | 2 | 1.50 | 64 |
| Fixture Flux | 142lm | 3 | 2.26 | 28 |
| Efficacy | 51lm/W | 4 | 3.01 | 16 |
| TS1124 Imax=1300cd/klm | Imax | 256cd | 5 | 3.76 | 10 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7514** | **1T7515** | **1T7516** | **1T7517** |
| ● | **1T7526** | **1T7527** | **1T7528** | **1T7529** |

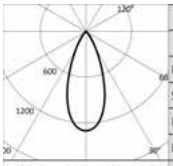
## LED / 2,1W / LENTE / MWFL / FIJO CASAMBI




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 41° | |
| Fixture Power | 3W | 1 | 0.75 | 256 |
| Source Flux | 197lm | 2 | 1.50 | 64 |
| Fixture Flux | 142lm | 3 | 2.26 | 28 |
| Efficacy | 51lm/W | 4 | 3.01 | 16 |
| TS1124 Imax=1300cd/klm | Imax | 256cd | 5 | 3.76 | 10 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7107CA** | **1T7108CA** | **1T7109CA** | **1T7110CA** |
| ● | **1T7119CA** | **1T7120CA** | **1T7121CA** | **1T7122CA** |

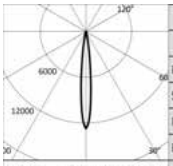
## LED / 2,1W / LENTE / MWFL / FIJO DIGITAL DIMMING




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 41° | |
| Fixture Power | 3W | 1 | 0.75 | 256 |
| Source Flux | 197lm | 2 | 1.50 | 64 |
| Fixture Flux | 142lm | 3 | 2.26 | 28 |
| Efficacy | 51lm/W | 4 | 3.01 | 16 |
| TS1124 Imax=1300cd/klm | Imax | 256cd | 5 | 3.76 | 10 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7107DD** | **1T7108DD** | **1T7109DD** | **1T7110DD** |
| ● | **1T7119DD** | **1T7120DD** | **1T7121DD** | **1T7122DD** |

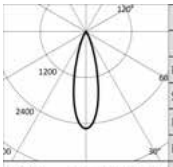
## LED / 2,6W / LENTE / SP / FIJO




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 11° | |
| Fixture Power | 4W | 1 | 0.20 | 3000 |
| Source Flux | 236lm | 2 | 0.40 | 750 |
| Fixture Flux | 184lm | 3 | 0.60 | 333 |
| Efficacy | 44lm/W | 4 | 0.79 | 188 |
| TS1122 Imax=12713cd/klm | Imax | 3000cd | 5 | 0.99 | 120 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7099** | **1T7100** | **1T7101** | **1T7102** |
| ● | **1T7111** | **1T7112** | **1T7113** | **1T7114** |

## LED / 2,6W / LENTE / FL / FIJO

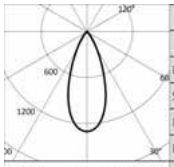



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 28° | |
| Fixture Power | 4W | 1 | 0.51 | 596 |
| Source Flux | 236lm | 2 | 1.01 | 149 |
| Fixture Flux | 177lm | 3 | 1.52 | 66 |
| Efficacy | 42lm/W | 4 | 2.02 | 37 |
| TS1123 Imax=2525cd/klm | Imax | 596cd | 5 | 2.53 | 24 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7103** | **1T7104** | **1T7105** | **1T7106** |
| ● | **1T7115** | **1T7116** | **1T7117** | **1T7118** |

# OZ

## LED / 2,6W / LENTE / MWFL / FIJO

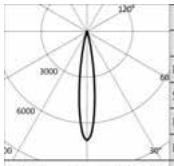



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 41° | |
| Fixture Power | 4W | 1 | 0.75 | 307 |
| Source Flux | 236lm | 2 | 1.50 | 77 |
| Fixture Flux | 170lm | 3 | 2.26 | 34 |
| Efficacy | 41lm/W | 4 | 3.01 | 19 |
| Imax | 307cd | 5 | 3.76 | 12 |

TS1124 Imax=1300cd/klm

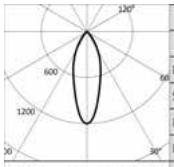
| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7107** | **1T7108** | **1T7109** | **1T7110** |
| ● | **1T7119** | **1T7120** | **1T7121** | **1T7122** |

## LED / 2,1W / DBS / SP-MWFL / FIJO CASAMBI




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 16° | |
| Fixture Power | 3W | 1 | 0.28 | 1684 |
| Source Flux | 236lm | 2 | 0.56 | 421 |
| Fixture Flux | 175lm | 3 | 0.84 | 187 |
| Efficacy | 63lm/W | 4 | 1.12 | 105 |
| Imax | 1684cd | 5 | 1.40 | 67 |

TS1283 Imax=7134cd/klm

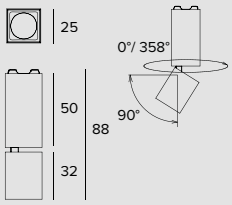



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 35° | |
| Fixture Power | 3W | 1 | 0.62 | 283 |
| Source Flux | 236lm | 2 | 1.24 | 71 |
| Fixture Flux | 156lm | 3 | 1.86 | 31 |
| Efficacy | 56lm/W | 4 | 2.49 | 18 |
| Imax | 283cd | 5 | 3.11 | 11 |

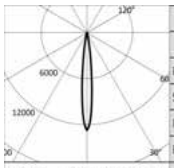
TS1284 Imax=1198cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7965CA** | **1T7961CA** | **1T7969CA** | **1T7973CA** |
| ● | **1T7949CA** | **1T7945CA** | **1T7953CA** | **1T7957CA** |

## Módulo luminoso Individual orientable 25x25mm




## LED / 2,1W / LENTE / SP / ORIENTABLE

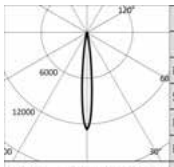



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 11° | |
| Fixture Power | 3W | 1 | 0.20 | 2505 |
| Source Flux | 197lm | 2 | 0.40 | 626 |
| Fixture Flux | 154lm | 3 | 0.60 | 278 |
| Efficacy | 55lm/W | 4 | 0.79 | 157 |
| Imax | 2505cd | 5 | 0.99 | 100 |

TS1122 Imax=12713cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7530** | **1T7531** | **1T7532** | **1T7533** |
| ● | **1T7542** | **1T7543** | **1T7544** | **1T7545** |

## LED / 2,1W / LENTE / SP / ORIENTABLE CASAMBI

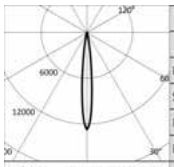



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 11° | |
| Fixture Power | 3W | 1 | 0.20 | 2505 |
| Source Flux | 197lm | 2 | 0.40 | 626 |
| Fixture Flux | 154lm | 3 | 0.60 | 278 |
| Efficacy | 55lm/W | 4 | 0.79 | 157 |
| Imax | 2505cd | 5 | 0.99 | 100 |

TS1122 Imax=12713cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7123CA** | **1T7124CA** | **1T7125CA** | **1T7126CA** |
| ● | **1T7135CA** | **1T7136CA** | **1T7137CA** | **1T7138CA** |

## LED / 2,1W / LENTE / SP / ORIENTABLE DIGITAL DIMMING



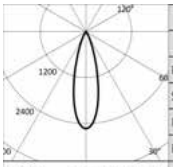

| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 11° | |
| Fixture Power | 3W | 1 | 0.20 | 2505 |
| Source Flux | 197lm | 2 | 0.40 | 626 |
| Fixture Flux | 154lm | 3 | 0.60 | 278 |
| Efficacy | 55lm/W | 4 | 0.79 | 157 |
| Imax | 2505cd | 5 | 0.99 | 100 |

TS1122 Imax=12713cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7123DD** | **1T7124DD** | **1T7125DD** | **1T7126DD** |
| ● | **1T7135DD** | **1T7136DD** | **1T7137DD** | **1T7138DD** |

# OZ

## LED / 2,1W / LENTE / FL / ORIENTABLE

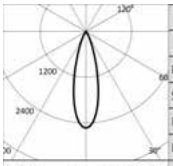



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 28° | |
| Fixture Power | 3W | 1 | 0.51 | 497 |
| Source Flux | 197lm | 2 | 1.01 | 124 |
| Fixture Flux | 148lm | 3 | 1.52 | 55 |
| Efficacy | 53lm/W | 4 | 2.02 | 31 |
| Imax | 497cd | 5 | 2.53 | 20 |

TS1123 Imax=2525cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7534** | **1T7535** | **1T7536** | **1T7537** |
| ● | **1T7546** | **1T7547** | **1T7548** | **1T7549** |

## LED / 2,1W / LENTE / FL / ORIENTABLE CASAMBI

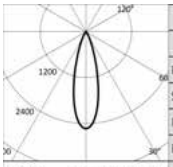



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 28° | |
| Fixture Power | 3W | 1 | 0.51 | 497 |
| Source Flux | 197lm | 2 | 1.01 | 124 |
| Fixture Flux | 148lm | 3 | 1.52 | 55 |
| Efficacy | 53lm/W | 4 | 2.02 | 31 |
| Imax | 497cd | 5 | 2.53 | 20 |

TS1123 Imax=2525cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7127CA** | **1T7128CA** | **1T7129CA** | **1T7130CA** |
| ● | **1T7139CA** | **1T7140CA** | **1T7141CA** | **1T7142CA** |

## LED / 2,1W / LENTE / FL / ORIENTABLE DIGITAL DIMMING

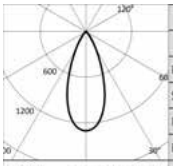



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 28° | |
| Fixture Power | 3W | 1 | 0.51 | 497 |
| Source Flux | 197lm | 2 | 1.01 | 124 |
| Fixture Flux | 148lm | 3 | 1.52 | 55 |
| Efficacy | 53lm/W | 4 | 2.02 | 31 |
| Imax | 497cd | 5 | 2.53 | 20 |

TS1123 Imax=2525cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7127DD** | **1T7128DD** | **1T7129DD** | **1T7130DD** |
| ● | **1T7139DD** | **1T7140DD** | **1T7141DD** | **1T7142DD** |

## LED / 2,1W / LENTE / MWFL / ORIENTABLE

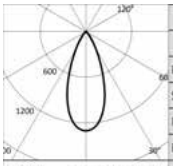



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 41° | |
| Fixture Power | 3W | 1 | 0.75 | 256 |
| Source Flux | 197lm | 2 | 1.50 | 64 |
| Fixture Flux | 142lm | 3 | 2.26 | 28 |
| Efficacy | 51lm/W | 4 | 3.01 | 16 |
| Imax | 256cd | 5 | 3.76 | 10 |

TS1124 Imax=1300cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7538** | **1T7539** | **1T7540** | **1T7541** |
| ● | **1T7550** | **1T7551** | **1T7552** | **1T7553** |

## LED / 2,1W / LENTE / MWFL / ORIENTABLE CASAMBI

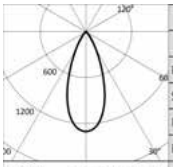



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 41° | |
| Fixture Power | 3W | 1 | 0.75 | 256 |
| Source Flux | 197lm | 2 | 1.50 | 64 |
| Fixture Flux | 142lm | 3 | 2.26 | 28 |
| Efficacy | 51lm/W | 4 | 3.01 | 16 |
| Imax | 256cd | 5 | 3.76 | 10 |

TS1124 Imax=1300cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7131CA** | **1T7132CA** | **1T7133CA** | **1T7134CA** |
| ● | **1T7143CA** | **1T7144CA** | **1T7145CA** | **1T7146CA** |

## LED / 2,1W / LENTE / MWFL / ORIENTABLE DIGITAL DIMMING



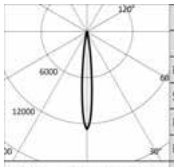

| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 41° | |
| Fixture Power | 3W | 1 | 0.75 | 256 |
| Source Flux | 197lm | 2 | 1.50 | 64 |
| Fixture Flux | 142lm | 3 | 2.26 | 28 |
| Efficacy | 51lm/W | 4 | 3.01 | 16 |
| Imax | 256cd | 5 | 3.76 | 10 |

TS1124 Imax=1300cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7131DD** | **1T7132DD** | **1T7133DD** | **1T7134DD** |
| ● | **1T7143DD** | **1T7144DD** | **1T7145DD** | **1T7146DD** |

# OZ

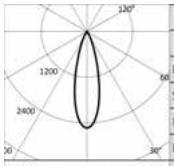
## LED / 2,6W / LENTE / SP / ORIENTABLE




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 11° | |
| Fixture Power | 4W | 1 | 0.20 | 3000 |
| Source Flux | 236lm | 2 | 0.40 | 750 |
| Fixture Flux | 184lm | 3 | 0.60 | 333 |
| Efficacy | 44lm/W | 4 | 0.79 | 188 |
| TS1122 Imax=12713cd/klm | Imax 3000cd | 5 | 0.99 | 120 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7123** | **1T7124** | **1T7125** | **1T7126** |
| ● | **1T7135** | **1T7136** | **1T7137** | **1T7138** |

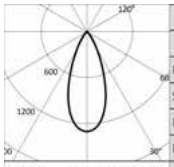
## LED / 2,6W / LENTE / FL / ORIENTABLE




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 28° | |
| Fixture Power | 4W | 1 | 0.51 | 596 |
| Source Flux | 236lm | 2 | 1.01 | 149 |
| Fixture Flux | 177lm | 3 | 1.52 | 66 |
| Efficacy | 42lm/W | 4 | 2.02 | 37 |
| TS1123 Imax=2525cd/klm | Imax 596cd | 5 | 2.53 | 24 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7127** | **1T7128** | **1T7129** | **1T7130** |
| ● | **1T7139** | **1T7140** | **1T7141** | **1T7142** |

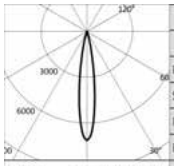
## LED / 2,6W / LENTE / MWFL / ORIENTABLE



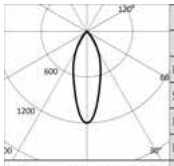

| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 41° | |
| Fixture Power | 4W | 1 | 0.75 | 307 |
| Source Flux | 236lm | 2 | 1.50 | 77 |
| Fixture Flux | 170lm | 3 | 2.26 | 34 |
| Efficacy | 41lm/W | 4 | 3.01 | 19 |
| TS1124 Imax=1300cd/klm | Imax 307cd | 5 | 3.76 | 12 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7131** | **1T7132** | **1T7133** | **1T7134** |
| ● | **1T7143** | **1T7144** | **1T7145** | **1T7146** |

## LED / 2,1W / DBS / SP-MWFL / ORIENTABLE CASAMBI



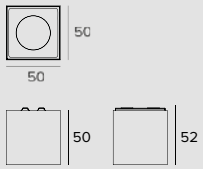

| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 16° | |
| Fixture Power | 3W | 1 | 0.28 | 1684 |
| Source Flux | 236lm | 2 | 0.56 | 421 |
| Fixture Flux | 175lm | 3 | 0.84 | 187 |
| Efficacy | 63lm/W | 4 | 1.12 | 105 |
| TS1285 Imax=7134cd/klm | Imax 1684cd | 5 | 1.40 | 67 |



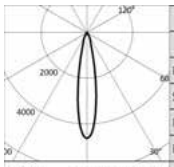

| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 35° | |
| Fixture Power | 3W | 1 | 0.62 | 283 |
| Source Flux | 236lm | 2 | 1.24 | 71 |
| Fixture Flux | 156lm | 3 | 1.86 | 31 |
| Efficacy | 56lm/W | 4 | 2.49 | 18 |
| TS1286 Imax=1198cd/klm | Imax 283cd | 5 | 3.11 | 11 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7967CA** | **1T7963CA** | **1T7971CA** | **1T7975CA** |
| ● | **1T7951CA** | **1T7947CA** | **1T7955CA** | **1T7959CA** |

## Módulo luminoso Individual fijo 50x50mm




## LED / 6,8W / REFLECTOR / SP / FIJO

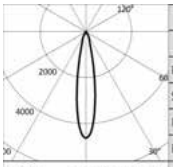



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 19° | |
| Fixture Power | 8W | 1 | 0.34 | 3911 |
| Source Flux | 846lm | 2 | 0.68 | 978 |
| Fixture Flux | 691lm | 3 | 1.02 | 435 |
| Efficacy | 91lm/W | 4 | 1.36 | 244 |
| TS1125 Imax=4623cd/klm | Imax 3911cd | 5 | 1.70 | 156 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7554** | **1T7555** | **1T7556** | **1T7557** |
| ● | **1T7566** | **1T7567** | **1T7568** | **1T7569** |

# OZ

## LED / 6,8W / REFLECTOR / SP / FIJO CASAMBI

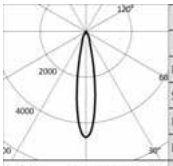



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 19° | |
| Fixture Power | 8W | 1 | 0.34 | 3911 |
| Source Flux | 846lm | 2 | 0.68 | 978 |
| Fixture Flux | 691lm | 3 | 1.02 | 435 |
| Efficacy | 91lm/W | 4 | 1.36 | 244 |
| Imax | 3911cd | 5 | 1.70 | 156 |

TS1125 Imax=4623cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7147CA** | **1T7148CA** | **1T7149CA** | **1T7150CA** |
| ● | **1T7159CA** | **1T7160CA** | **1T7161CA** | **1T7162CA** |

## LED / 6,8W / REFLECTOR / SP / FIJO DIGITAL DIMMING

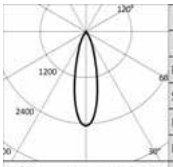



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 19° | |
| Fixture Power | 8W | 1 | 0.34 | 3911 |
| Source Flux | 846lm | 2 | 0.68 | 978 |
| Fixture Flux | 691lm | 3 | 1.02 | 435 |
| Efficacy | 91lm/W | 4 | 1.36 | 244 |
| Imax | 3911cd | 5 | 1.70 | 156 |

TS1125 Imax=4623cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7147DD** | **1T7148DD** | **1T7149DD** | **1T7150DD** |
| ● | **1T7159DD** | **1T7160DD** | **1T7161DD** | **1T7162DD** |

## LED / 6,6W / REFLECTOR / FL / FIJO

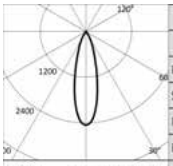



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 27° | |
| Fixture Power | 7W | 1 | 0.49 | 2359 |
| Source Flux | 963lm | 2 | 0.98 | 590 |
| Fixture Flux | 720lm | 3 | 1.47 | 262 |
| Efficacy | 100lm/W | 4 | 1.95 | 147 |
| Imax | 2359cd | 5 | 2.44 | 94 |

TS1126 Imax=2450cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7558** | **1T7559** | **1T7560** | **1T7561** |
| ● | **1T7570** | **1T7571** | **1T7572** | **1T7573** |

## LED / 6,6W / REFLECTOR / FL / FIJO CASAMBI

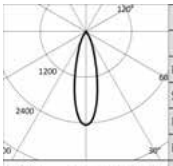



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 27° | |
| Fixture Power | 7W | 1 | 0.49 | 2359 |
| Source Flux | 963lm | 2 | 0.98 | 590 |
| Fixture Flux | 720lm | 3 | 1.47 | 262 |
| Efficacy | 100lm/W | 4 | 1.95 | 147 |
| Imax | 2359cd | 5 | 2.44 | 94 |

TS1126 Imax=2450cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7151CA** | **1T7152CA** | **1T7153CA** | **1T7154CA** |
| ● | **1T7163CA** | **1T7164CA** | **1T7165CA** | **1T7166CA** |

## LED / 6,6W / REFLECTOR / FL / FIJO DIGITAL DIMMING

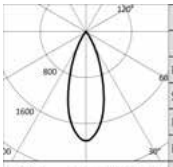



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 27° | |
| Fixture Power | 7W | 1 | 0.49 | 2359 |
| Source Flux | 963lm | 2 | 0.98 | 590 |
| Fixture Flux | 720lm | 3 | 1.47 | 262 |
| Efficacy | 100lm/W | 4 | 1.95 | 147 |
| Imax | 2359cd | 5 | 2.44 | 94 |

TS1126 Imax=2450cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7151DD** | **1T7152DD** | **1T7153DD** | **1T7154DD** |
| ● | **1T7163DD** | **1T7164DD** | **1T7165DD** | **1T7166DD** |

## LED / 6,6W / REFLECTOR / MWFL / FIJO



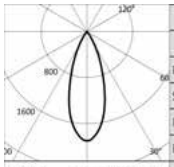

| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 37° | |
| Fixture Power | 7W | 1 | 0.66 | 1826 |
| Source Flux | 963lm | 2 | 1.32 | 457 |
| Fixture Flux | 794lm | 3 | 1.98 | 203 |
| Efficacy | 110lm/W | 4 | 2.64 | 114 |
| Imax | 1826cd | 5 | 3.31 | 73 |

TS1127 Imax=1896cd/klm

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7562** | **1T7563** | **1T7564** | **1T7565** |
| ● | **1T7574** | **1T7575** | **1T7576** | **1T7577** |

# OZ

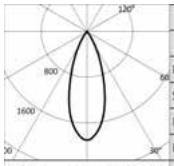
## LED / 6,6W / REFLECTOR / MWFL / FIJO CASAMBI




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 37° | |
| Fixture Power | 7W | 1 | 0.66 | 1826 |
| Source Flux | 963lm | 2 | 1.32 | 457 |
| Fixture Flux | 794lm | 3 | 1.98 | 203 |
| Efficacy | 110lm/W | 4 | 2.64 | 114 |
| TS1127 Imax=1896cd/klm | Imax 1826cd | 5 | 3.31 | 73 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7155CA** | **1T7156CA** | **1T7157CA** | **1T7158CA** |
| ● | **1T7167CA** | **1T7168CA** | **1T7169CA** | **1T7170CA** |

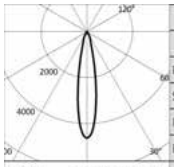
## LED / 6,6W / REFLECTOR / MWFL / FIJO DIGITAL DIMMING




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 37° | |
| Fixture Power | 7W | 1 | 0.66 | 1826 |
| Source Flux | 963lm | 2 | 1.32 | 457 |
| Fixture Flux | 794lm | 3 | 1.98 | 203 |
| Efficacy | 110lm/W | 4 | 2.64 | 114 |
| TS1127 Imax=1896cd/klm | Imax 1826cd | 5 | 3.31 | 73 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7155DD** | **1T7156DD** | **1T7157DD** | **1T7158DD** |
| ● | **1T7167DD** | **1T7168DD** | **1T7169DD** | **1T7170DD** |

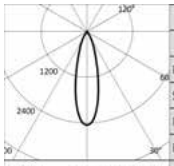
## LED / 7,5W / REFLECTOR / SP / FIJO




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 19° | |
| Fixture Power | 9W | 1 | 0.34 | 4752 |
| Source Flux | 1028lm | 2 | 0.68 | 1188 |
| Fixture Flux | 840lm | 3 | 1.02 | 528 |
| Efficacy | 97lm/W | 4 | 1.36 | 297 |
| TS1125 Imax=4623cd/klm | Imax 4752cd | 5 | 1.70 | 190 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7147** | **1T7148** | **1T7149** | **1T7150** |
| ● | **1T7159** | **1T7160** | **1T7161** | **1T7162** |

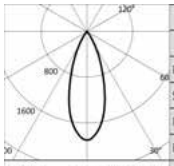
## LED / 8,3W / REFLECTOR / FL / FIJO




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 27° | |
| Fixture Power | 10W | 1 | 0.49 | 2896 |
| Source Flux | 1182lm | 2 | 0.98 | 724 |
| Fixture Flux | 884lm | 3 | 1.47 | 322 |
| Efficacy | 92lm/W | 4 | 1.95 | 181 |
| TS1126 Imax=2450cd/klm | Imax 2896cd | 5 | 2.44 | 116 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7151** | **1T7152** | **1T7153** | **1T7154** |
| ● | **1T7163** | **1T7164** | **1T7165** | **1T7166** |

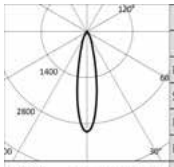
## LED / 8,3W / REFLECTOR / MWFL / FIJO



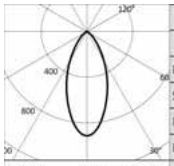

| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 37° | |
| Fixture Power | 10W | 1 | 0.66 | 2241 |
| Source Flux | 1182lm | 2 | 1.32 | 560 |
| Fixture Flux | 974lm | 3 | 1.98 | 249 |
| Efficacy | 101lm/W | 4 | 2.64 | 140 |
| TS1127 Imax=1896cd/klm | Imax 2241cd | 5 | 3.31 | 90 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7155** | **1T7156** | **1T7157** | **1T7158** |
| ● | **1T7167** | **1T7168** | **1T7169** | **1T7170** |

## LED / 6,8W / DBS / SP-MWFL / FIJO CASAMBI




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 22° | |
| Fixture Power | 8W | 1 | 0.39 | 2576 |
| Source Flux | 846lm | 2 | 0.78 | 644 |
| Fixture Flux | 621lm | 3 | 1.17 | 286 |
| Efficacy | 82lm/W | 4 | 1.56 | 161 |
| TS1287 Imax=3045cd/klm | Imax 2576cd | 5 | 1.95 | 103 |

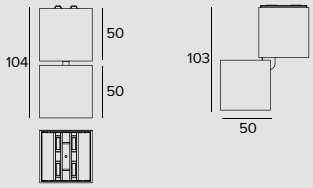



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 46° | |
| Fixture Power | 8W | 1 | 0.84 | 770 |
| Source Flux | 846lm | 2 | 1.69 | 193 |
| Fixture Flux | 591lm | 3 | 2.53 | 86 |
| Efficacy | 78lm/W | 4 | 3.37 | 48 |
| TS1288 Imax=910cd/klm | Imax 770cd | 5 | 4.21 | 31 |

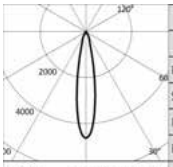
| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7966CA** | **1T7962CA** | **1T7970CA** | **1T7974CA** |
| ● | **1T7950CA** | **1T7946CA** | **1T7954CA** | **1T7958CA** |

# OZ

## Módulo luminoso Individual orientable 50x50mm



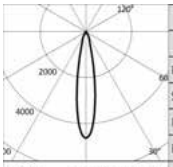

### LED / 6,8W / REFLECTOR / SP / ORIENTABLE




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 19° | |
| Fixture Power | 8W | 1 | 0.34 | 3911 |
| Source Flux | 846lm | 2 | 0.68 | 978 |
| Fixture Flux | 691lm | 3 | 1.02 | 435 |
| Efficacy | 91lm/W | 4 | 1.36 | 244 |
| Imax | 3911cd | 5 | 1.70 | 156 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7578** | **1T7579** | **1T7580** | **1T7581** |
| ● | **1T7590** | **1T7591** | **1T7592** | **1T7593** |

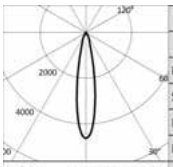
### LED / 6,8W / REFLECTOR / SP / ORIENTABLE CASAMBI




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 19° | |
| Fixture Power | 8W | 1 | 0.34 | 3911 |
| Source Flux | 846lm | 2 | 0.68 | 978 |
| Fixture Flux | 691lm | 3 | 1.02 | 435 |
| Efficacy | 91lm/W | 4 | 1.36 | 244 |
| Imax | 3911cd | 5 | 1.70 | 156 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7407CA** | **1T7408CA** | **1T7409CA** | **1T7410CA** |
| ● | **1T7419CA** | **1T7420CA** | **1T7421CA** | **1T7422CA** |

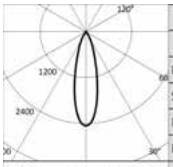
### LED / 6,8W / REFLECTOR / SP / ORIENTABLE DIGITAL DIMMING




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 19° | |
| Fixture Power | 8W | 1 | 0.34 | 3911 |
| Source Flux | 846lm | 2 | 0.68 | 978 |
| Fixture Flux | 691lm | 3 | 1.02 | 435 |
| Efficacy | 91lm/W | 4 | 1.36 | 244 |
| Imax | 3911cd | 5 | 1.70 | 156 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7407DD** | **1T7408DD** | **1T7409DD** | **1T7410DD** |
| ● | **1T7419DD** | **1T7420DD** | **1T7421DD** | **1T7422DD** |

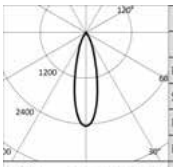
### LED / 6,6W / REFLECTOR / FL / ORIENTABLE




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 27° | |
| Fixture Power | 7W | 1 | 0.49 | 2359 |
| Source Flux | 963lm | 2 | 0.98 | 590 |
| Fixture Flux | 720lm | 3 | 1.47 | 262 |
| Efficacy | 100lm/W | 4 | 1.95 | 147 |
| Imax | 2359cd | 5 | 2.44 | 94 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7582** | **1T7583** | **1T7584** | **1T7585** |
| ● | **1T7594** | **1T7595** | **1T7596** | **1T7597** |

### LED / 6,6W / REFLECTOR / FL / ORIENTABLE CASAMBI

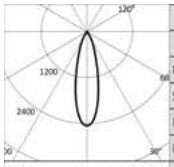



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 27° | |
| Fixture Power | 7W | 1 | 0.49 | 2359 |
| Source Flux | 963lm | 2 | 0.98 | 590 |
| Fixture Flux | 720lm | 3 | 1.47 | 262 |
| Efficacy | 100lm/W | 4 | 1.95 | 147 |
| Imax | 2359cd | 5 | 2.44 | 94 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7411CA** | **1T7412CA** | **1T7413CA** | **1T7414CA** |
| ● | **1T7423CA** | **1T7424CA** | **1T7425CA** | **1T7426CA** |

# OZ

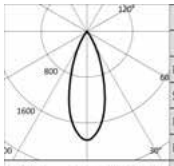
## LED / 6,6W / REFLECTOR / FL / ORIENTABLE DIGITAL DIMMING




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 27° | |
| Fixture Power | 7W | 1 | 0.49 | 2359 |
| Source Flux | 963lm | 2 | 0.98 | 590 |
| Fixture Flux | 720lm | 3 | 1.47 | 262 |
| Efficacy | 100lm/W | 4 | 1.95 | 147 |
| TS1126 Imax=2450cd/klm | Imax 2359cd | 5 | 2.44 | 94 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7411DD** | **1T7412DD** | **1T7413DD** | **1T7414DD** |
| ● | **1T7423DD** | **1T7424DD** | **1T7425DD** | **1T7426DD** |

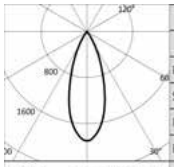
## LED / 6,6W / REFLECTOR / MWFL / ORIENTABLE




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 37° | |
| Fixture Power | 7W | 1 | 0.66 | 1826 |
| Source Flux | 963lm | 2 | 1.32 | 457 |
| Fixture Flux | 794lm | 3 | 1.98 | 203 |
| Efficacy | 110lm/W | 4 | 2.64 | 114 |
| TS1127 Imax=1896cd/klm | Imax 1826cd | 5 | 3.31 | 73 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7586** | **1T7587** | **1T7588** | **1T7589** |
| ● | **1T7598** | **1T7599** | **1T7600** | **1T7601** |

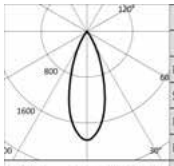
## LED / 6,6W / REFLECTOR / MWFL / ORIENTABLE CASAMBI




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 37° | |
| Fixture Power | 7W | 1 | 0.66 | 1826 |
| Source Flux | 963lm | 2 | 1.32 | 457 |
| Fixture Flux | 794lm | 3 | 1.98 | 203 |
| Efficacy | 110lm/W | 4 | 2.64 | 114 |
| TS1127 Imax=1896cd/klm | Imax 1826cd | 5 | 3.31 | 73 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7415CA** | **1T7416CA** | **1T7417CA** | **1T7418CA** |
| ● | **1T7427CA** | **1T7428CA** | **1T7429CA** | **1T7430CA** |

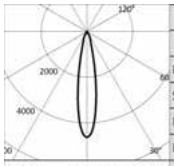
## LED / 6,6W / REFLECTOR / MWFL / ORIENTABLE DIGITAL DIMMING




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 37° | |
| Fixture Power | 7W | 1 | 0.66 | 1826 |
| Source Flux | 963lm | 2 | 1.32 | 457 |
| Fixture Flux | 794lm | 3 | 1.98 | 203 |
| Efficacy | 110lm/W | 4 | 2.64 | 114 |
| TS1127 Imax=1896cd/klm | Imax 1826cd | 5 | 3.31 | 73 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7415DD** | **1T7416DD** | **1T7417DD** | **1T7418DD** |
| ● | **1T7427DD** | **1T7428DD** | **1T7429DD** | **1T7430DD** |

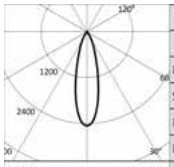
## LED / 7,5W / REFLECTOR / SP / ORIENTABLE




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 19° | |
| Fixture Power | 9W | 1 | 0.34 | 4752 |
| Source Flux | 1028lm | 2 | 0.68 | 1188 |
| Fixture Flux | 840lm | 3 | 1.02 | 528 |
| Efficacy | 97lm/W | 4 | 1.36 | 297 |
| TS1125 Imax=4623cd/klm | Imax 4752cd | 5 | 1.70 | 190 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7407** | **1T7408** | **1T7409** | **1T7410** |
| ● | **1T7419** | **1T7420** | **1T7421** | **1T7422** |

## LED / 8,3W / REFLECTOR / FL / ORIENTABLE

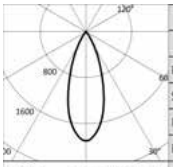



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 27° | |
| Fixture Power | 10W | 1 | 0.49 | 2896 |
| Source Flux | 1182lm | 2 | 0.98 | 724 |
| Fixture Flux | 884lm | 3 | 1.47 | 322 |
| Efficacy | 92lm/W | 4 | 1.95 | 181 |
| TS1126 Imax=2450cd/klm | Imax 2896cd | 5 | 2.44 | 116 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7411** | **1T7412** | **1T7413** | **1T7414** |
| ● | **1T7423** | **1T7424** | **1T7425** | **1T7426** |

# OZ

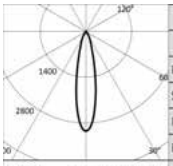
## LED / 8,3W / REFLECTOR / MWFL / ORIENTABLE



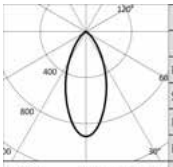

| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 37° | |
| Fixture Power | 10W | 1 | 0.66 | 2241 |
| Source Flux | 1182lm | 2 | 1.32 | 560 |
| Fixture Flux | 974lm | 3 | 1.98 | 249 |
| Efficacy | 101lm/W | 4 | 2.64 | 140 |
| TS1127 Imax=1896cd/klm | Imax 2241cd | 5 | 3.31 | 90 |

| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7415** | **1T7416** | **1T7417** | **1T7418** |
| ● | **1T7427** | **1T7428** | **1T7429** | **1T7430** |

## LED / 6,8W / DBS / SP-MWFL / ORIENTABLE CASAMBI




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 22° | |
| Fixture Power | 8W | 1 | 0.39 | 2576 |
| Source Flux | 846lm | 2 | 0.78 | 644 |
| Fixture Flux | 621lm | 3 | 1.17 | 286 |
| Efficacy | 82lm/W | 4 | 1.56 | 161 |
| TS1289 Imax=3045cd/klm | Imax 2576cd | 5 | 1.95 | 103 |

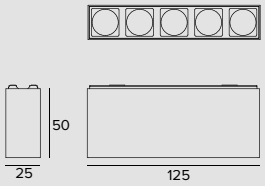



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 46° | |
| Fixture Power | 8W | 1 | 0.84 | 770 |
| Source Flux | 846lm | 2 | 1.69 | 193 |
| Fixture Flux | 591lm | 3 | 2.53 | 86 |
| Efficacy | 78lm/W | 4 | 3.37 | 48 |
| TS1290 Imax=910cd/klm | Imax 770cd | 5 | 4.21 | 31 |

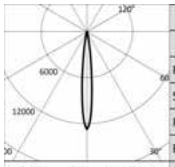
| Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| ○ | **1T7968CA** | **1T7964CA** | **1T7972CA** | **1T7976CA** |
| ● | **1T7952CA** | **1T7948CA** | **1T7956CA** | **1T7960CA** |

# OZ

## Módulo luminoso Múltiple Small 5X 25x125mm



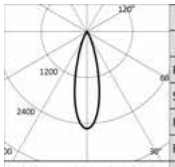

### LED / 8,7W / LENTE / SP




| | 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|---|
| | Ra90 | | | 11° | |
| | Fixture Power | 10W | 1 | 0.20 | 10018 |
| | Source Flux | 788lm | 2 | 0.40 | 2505 |
| | Fixture Flux | 615lm | 3 | 0.60 | 1113 |
| | Efficacy | 63lm/W | 4 | 0.79 | 626 |
| TS1122 | Imax=12713cd/klm | Imax | 10018cd | 5 | 0.99 | 401 |

| Versión | Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|---|
| 5X STANDARD | ○ | **1T7441** | **1T7442** | **1T7443** | **1T7444** |
| 5X STANDARD | ● | **1T7453** | **1T7454** | **1T7455** | **1T7456** |
| 5X CASAMBI | ○ | **1T7441CA** | **1T7442CA** | **1T7443CA** | **1T7444CA** |
| 5X CASAMBI | ● | **1T7453CA** | **1T7454CA** | **1T7455CA** | **1T7456CA** |
| 5X DIGITAL DIMMING | ○ | **1T7441DD** | **1T7442DD** | **1T7443DD** | **1T7444DD** |
| 5X DIGITAL DIMMING | ● | **1T7453DD** | **1T7454DD** | **1T7455DD** | **1T7456DD** |

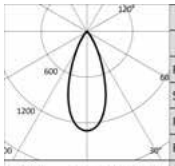
### LED / 8,7W / LENTE / FL




| | 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|---|
| | Ra90 | | | 28° | |
| | Fixture Power | 10W | 1 | 0.51 | 1990 |
| | Source Flux | 788lm | 2 | 1.01 | 497 |
| | Fixture Flux | 590lm | 3 | 1.52 | 221 |
| | Efficacy | 61lm/W | 4 | 2.02 | 124 |
| TS1123 | Imax=2525cd/klm | Imax | 1990cd | 5 | 2.53 | 80 |

| Versión | Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|---|
| 5X STANDARD | ○ | **1T7445** | **1T7446** | **1T7447** | **1T7448** |
| 5X STANDARD | ● | **1T7457** | **1T7458** | **1T7459** | **1T7460** |
| 5X CASAMBI | ○ | **1T7445CA** | **1T7446CA** | **1T7447CA** | **1T7448CA** |
| 5X CASAMBI | ● | **1T7457CA** | **1T7458CA** | **1T7459CA** | **1T7460CA** |
| 5X DIGITAL DIMMING | ○ | **1T7445DD** | **1T7446DD** | **1T7447DD** | **1T7448DD** |
| 5X DIGITAL DIMMING | ● | **1T7457DD** | **1T7458DD** | **1T7459DD** | **1T7460DD** |

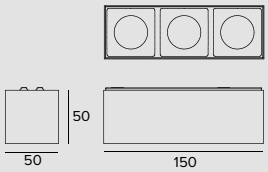
### LED / 8,7W / LENTE / MWFL



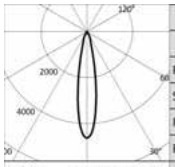

| | 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|---|
| | Ra90 | | | 41° | |
| | Fixture Power | 10W | 1 | 0.75 | 1024 |
| | Source Flux | 788lm | 2 | 1.50 | 256 |
| | Fixture Flux | 569lm | 3 | 2.26 | 114 |
| | Efficacy | 59lm/W | 4 | 3.01 | 64 |
| TS1124 | Imax=1300cd/klm | Imax | 1024cd | 5 | 3.76 | 41 |

| Versión | Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|---|
| 5X STANDARD | ○ | **1T7449** | **1T7450** | **1T7451** | **1T7452** |
| 5X STANDARD | ● | **1T7461** | **1T7462** | **1T7463** | **1T7464** |
| 5X CASAMBI | ○ | **1T7449CA** | **1T7450CA** | **1T7451CA** | **1T7452CA** |
| 5X CASAMBI | ● | **1T7461CA** | **1T7462CA** | **1T7463CA** | **1T7464CA** |
| 5X DIGITAL DIMMING | ○ | **1T7449DD** | **1T7450DD** | **1T7451DD** | **1T7452DD** |
| 5X DIGITAL DIMMING | ● | **1T7461DD** | **1T7462DD** | **1T7463DD** | **1T7464DD** |

## Módulo luminoso Múltiple Large 3X 50x150mm




### LED / 20W / REFLECTOR / SP

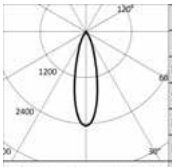



| | 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|---|
| | Ra90 | | | 19° | |
| | Fixture Power | 20W | 1 | 0.34 | 11732 |
| | Source Flux | 2538lm | 2 | 0.68 | 2933 |
| | Fixture Flux | 2074lm | 3 | 1.02 | 1304 |
| | Efficacy | 103lm/W | 4 | 1.36 | 733 |
| TS1125 | Imax=4623cd/klm | Imax | 11732cd | 5 | 1.70 | 469 |

| Versión | Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|---|
| 3X STANDARD | ○ | **1T7465** | **1T7466** | **1T7467** | **1T7468** |
| 3X STANDARD | ● | **1T7477** | **1T7478** | **1T7479** | **1T7480** |
| 3X CASAMBI | ○ | **1T7465CA** | **1T7466CA** | **1T7467CA** | **1T7468CA** |
| 3X CASAMBI | ● | **1T7477CA** | **1T7478CA** | **1T7479CA** | **1T7480CA** |
| 3X DIGITAL DIMMING | ○ | **1T7465DD** | **1T7466DD** | **1T7467DD** | **1T7468DD** |
| 3X DIGITAL DIMMING | ● | **1T7477DD** | **1T7478DD** | **1T7479DD** | **1T7480DD** |

# OZ

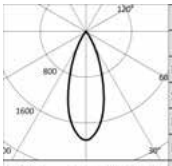
## LED / 20W / REFLECTOR / FL




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 27° | |
| Fixture Power | 21W | 1 | 0.49 | 7077 |
| Source Flux | 2889lm | 2 | 0.98 | 1769 |
| Fixture Flux | 2161lm | 3 | 1.47 | 786 |
| Efficacy | 102lm/W | 4 | 1.95 | 442 |
| TS1126- Imax=2450cd/klm | Imax 7077cd | 5 | 2.44 | 283 |

| Versión | Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|---|
| 3X STANDARD | ○ | **1T7469** | **1T7470** | **1T7471** | **1T7472** |
| 3X STANDARD | ● | **1T7481** | **1T7482** | **1T7483** | **1T7484** |
| 3X CASAMBI | ○ | **1T7469CA** | **1T7470CA** | **1T7471CA** | **1T7472CA** |
| 3X CASAMBI | ● | **1T7481CA** | **1T7482CA** | **1T7483CA** | **1T7484CA** |
| 3X DIGITAL DIMMING | ○ | **1T7469DD** | **1T7470DD** | **1T7471DD** | **1T7472DD** |
| 3X DIGITAL DIMMING | ● | **1T7481DD** | **1T7482DD** | **1T7483DD** | **1T7484DD** |

## LED / 20W / REFLECTOR / MWFL

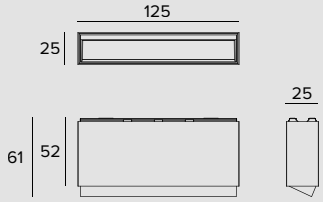



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 37° | |
| Fixture Power | 21W | 1 | 0.66 | 5478 |
| Source Flux | 2889lm | 2 | 1.32 | 1370 |
| Fixture Flux | 2381lm | 3 | 1.98 | 609 |
| Efficacy | 113lm/W | 4 | 2.64 | 342 |
| TS1127 Imax=1896cd/klm | Imax 5478cd | 5 | 3.31 | 219 |

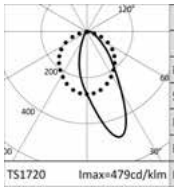
| Versión | Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|---|
| 3X STANDARD | ○ | **1T7473** | **1T7474** | **1T7475** | **1T7476** |
| 3X STANDARD | ● | **1T7485** | **1T7486** | **1T7487** | **1T7488** |
| 3X CASAMBI | ○ | **1T7473CA** | **1T7474CA** | **1T7475CA** | **1T7476CA** |
| 3X CASAMBI | ● | **1T7485CA** | **1T7486CA** | **1T7487CA** | **1T7488CA** |
| 3X DIGITAL DIMMING | ○ | **1T7473DD** | **1T7474DD** | **1T7475DD** | **1T7476DD** |
| 3X DIGITAL DIMMING | ● | **1T7485DD** | **1T7486DD** | **1T7487DD** | **1T7488DD** |

# OZ

## Módulo luminoso Wall Washer Small 25x125mm



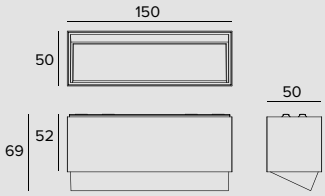

### LED / 8,7W / WALL WASHER



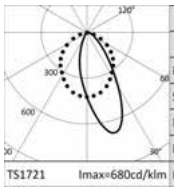

| 3000K | | H(m) | D1(m) | D2(m) | Emax(lx) |
|---|---|---|---|---|---|
| Ra90 | | | 37° | 82° | |
| Fixture Power | 10W | 1 | 0.73 | 1.81 | 332 |
| Source Flux | 788lm | 2 | 1.45 | 3.63 | 83 |
| Fixture Flux | 442lm | 3 | 2.18 | 5.44 | 37 |
| Efficacy | 46lm/W | 4 | 2.91 | 7.25 | 21 |
| Imax | 378cd | 5 | 3.63 | 9.06 | 13 |

| Alimentación | Versión | Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|---|---|
| 48Vdc | STANDARD | ○ | **2T0050** | **2T0051** | **2T0052** | **2T0053** |
| 48Vdc | STANDARD | ● | **2T0054** | **2T0055** | **2T0056** | **2T0057** |
| 48Vdc | CASAMBI | ○ | **2T0050CA** | **2T0051CA** | **2T0052CA** | **2T0053CA** |
| 48Vdc | CASAMBI | ● | **2T0054CA** | **2T0055CA** | **2T0056CA** | **2T0057CA** |
| 48Vdc | DIGITAL DIMMING | ○ | **2T0050DD** | **2T0051DD** | **2T0052DD** | **2T0053DD** |
| 48Vdc | DIGITAL DIMMING | ● | **2T0054DD** | **2T0055DD** | **2T0056DD** | **2T0057DD** |

## Módulo luminoso Wall Washer Large 50x150mm




### LED / 20W / WALL WASHER

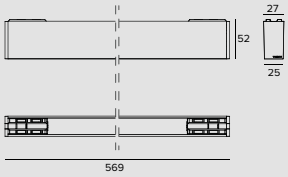



| 3000K | | H(m) | D1(m) | D2(m) | Emax(lx) |
|---|---|---|---|---|---|
| Ra90 | | | 37° | 80° | |
| Fixture Power | 21W | 1 | 0.72 | 1.76 | 1786 |
| Source Flux | 2889lm | 2 | 1.44 | 3.51 | 446 |
| Fixture Flux | 2154lm | 3 | 2.16 | 5.27 | 198 |
| Efficacy | 102lm/W | 4 | 2.88 | 7.03 | 112 |
| Imax | 1965cd | 5 | 3.60 | 8.79 | 71 |

| Alimentación | Versión | Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|---|---|
| 48Vdc | STANDARD | ○ | **2T0058** | **2T0059** | **2T0060** | **2T0061** |
| 48Vdc | STANDARD | ● | **2T0062** | **2T0063** | **2T0064** | **2T0065** |
| 48Vdc | CASAMBI | ○ | **2T0058CA** | **2T0059CA** | **2T0060CA** | **2T0061CA** |
| 48Vdc | CASAMBI | ● | **2T0062CA** | **2T0063CA** | **2T0064CA** | **2T0065CA** |
| 48Vdc | DIGITAL DIMMING | ○ | **2T0058DD** | **2T0059DD** | **2T0060DD** | **2T0061DD** |
| 48Vdc | DIGITAL DIMMING | ● | **2T0062DD** | **2T0063DD** | **2T0064DD** | **2T0065DD** |

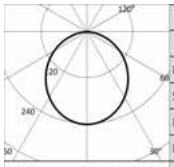
# OZ

## Módulo luminoso Lineal L. 569mm




### LED / 12W / OPAL

0,57 IP20

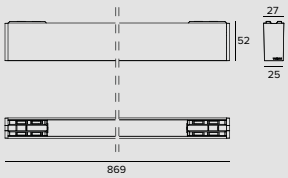



| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 108° | |
| Fixture Power | 13W | 1 | 2.74 | 350 |
| Source Flux | 1452lm | 2 | 5.48 | 88 |
| Fixture Flux | 953lm | 3 | 8.23 | 39 |
| Efficacy | 71lm/W | 4 | 10.97 | 22 |
| Imax | 350cd | 5 | 13.71 | 14 |

TS1264 Imax=241cd/klm

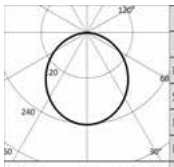
| Alimentación | Versión | Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|---|---|
| 48Vdc | STANDARD | ○ | **1T8190** | **1T8191** | **1T8192** | **1T8193** |
| 48Vdc | STANDARD | ◐ | **1T8194** | **1T8195** | **1T8196** | **1T8197** |
| 48Vdc | CASAMBI | ○ | **1T8190CA** | **1T8191CA** | **1T8192CA** | **1T8193CA** |
| 48Vdc | CASAMBI | ◐ | **1T8194CA** | **1T8195CA** | **1T8196CA** | **1T8197CA** |
| 48Vdc | DIGITAL DIMMING | ○ | **1T8190DD** | **1T8191DD** | **1T8192DD** | **1T8193DD** |
| 48Vdc | DIGITAL DIMMING | ◐ | **1T8194DD** | **1T8195DD** | **1T8196DD** | **1T8197DD** |

## Módulo luminoso Lineal L. 869mm




### LED / 18W / OPAL

0,83 IP20




| 3000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 108° | |
| Fixture Power | 20W | 1 | 2.74 | 526 |
| Source Flux | 2178lm | 2 | 5.48 | 131 |
| Fixture Flux | 1429lm | 3 | 8.23 | 58 |
| Efficacy | 73lm/W | 4 | 10.97 | 33 |
| Imax | 526cd | 5 | 13.71 | 21 |

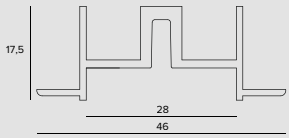
TS1263 Imax=241cd/klm

| Alimentación | Versión | Color | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|---|---|
| 48Vdc | STANDARD | ○ | **1T8198** | **1T8199** | **1T8200** | **1T8201** |
| 48Vdc | STANDARD | ◐ | **1T8202** | **1T8203** | **1T8204** | **1T8205** |
| 48Vdc | CASAMBI | ○ | **1T8198CA** | **1T8199CA** | **1T8200CA** | **1T8201CA** |
| 48Vdc | CASAMBI | ◐ | **1T8202CA** | **1T8203CA** | **1T8204CA** | **1T8205CA** |
| 48Vdc | DIGITAL DIMMING | ○ | **1T8198DD** | **1T8199DD** | **1T8200DD** | **1T8201DD** |
| 48Vdc | DIGITAL DIMMING | ◐ | **1T8202DD** | **1T8203DD** | **1T8204DD** | **1T8205DD** |

**Apartment**
Madrid, Spain

**Project** Estudio Caliza
**Photo** Lupe Clemente

# Perfil para empotrado por Power Track




## MÓDULO PRINCIPAL

**Perfil empotrado para Power Track.**
**Perfil de aluminio extruido pintado.**
**Para instalación trimless o con brida.**
**A completar con Power Track.**

| Kg | L | Color | |
|---|---|---|---|
| 0,4 | 1015 | ○ | **1T7495** |
| 0,8 | 2015 | ○ | **1T7496** |
| 1,2 | 3015 | ○ | **1T7497** |
| 0,4 | 1015 | ● | **1T7498** |
| 0,8 | 2015 | ● | **1T7499** |
| 1,2 | 3015 | ● | **1T7500** |

## MÓDULO CENTRAL/TERMINAL

**Perfil empotrado para Power Track.**
**Perfil de aluminio extruido pintado.**
**Para instalación trimless o con brida.**
**A completar con Power Track.**

| Kg | L | Color | |
|---|---|---|---|
| 0,4 | 1000 | ○ | **1T7489** |
| 0,8 | 2000 | ○ | **1T7490** |
| 1,2 | 3000 | ○ | **1T7491** |
| 0,4 | 1000 | ● | **1T7492** |
| 0,8 | 2000 | ● | **1T7493** |
| 1,2 | 3000 | ● | **1T7494** |

# Códigos para completar

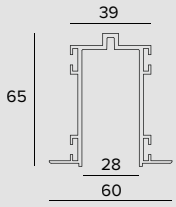
## Sistema de fijación

| Código |
|---|
| **1T7501** |

Estribo de acero para instalación empotrada del Power Track.
Efectuar pedidos de nº 2 unidades para el módulo de 1m de longitud, nº3 unidades para el módulo de 2m de longitud, nº4 unidades para el módulo de 3m de longitud.

# OZ

## Perfil para empotrado Small

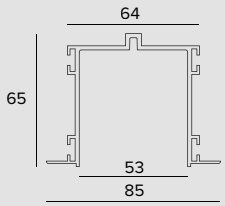



### PARA MÓDULOS LUMINOSOS 25x25mm

**Perfil de aluminio extruido pintado.**
**Para instalación trimless o con brida.**
**A completar con Power Track.**

| | Kg | L | Color | |
|---|---|---|---|---|
| | 1,1 | 1000 | ○ | **1T7031** |
| | 2,2 | 2000 | ○ | **1T7032** |
| | 3,3 | 3000 | ○ | **1T7033** |
| | 1,1 | 1000 | ● | **1T7034** |
| | 2,2 | 2000 | ● | **1T7035** |
| | 3,3 | 3000 | ● | **1T7036** |

## Perfil para empotrado Large




### PARA MÓDULOS LUMINOSOS 50x50mm

**Perfil de aluminio extruido pintado.**
**Para instalación trimless o con brida.**
**A completar con Power Track.**

| | Kg | L | Color | |
|---|---|---|---|---|
| | 1,2 | 1000 | ○ | **1T7067** |
| | 2,5 | 2000 | ○ | **1T7068** |
| | 3,7 | 3000 | ○ | **1T7069** |
| | 1,2 | 1000 | ● | **1T7070** |
| | 2,5 | 2000 | ● | **1T7071** |
| | 3,7 | 3000 | ● | **1T7072** |

# Códigos para completar

### Sistema de fijación

| | Código |
|---|---|
| | **1T7043** |

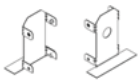
Estribo de acero para instalación empotrada del perfil pequeño.
Efectuar pedidos de nº 2 unidades para el módulo de 1m de longitud, nº3 unidades para el módulo de 2m de longitud, nº4 unidades para el módulo de 3m de longitud.

| | Código |
|---|---|
| | **1T7076** |

Estribo de acero para instalación empotrada del perfil grande.
Efectuar pedidos de nº 2 unidades para el módulo de 1m de longitud, nº3 unidades para el módulo de 2m de longitud, nº4 unidades para el módulo de 3m de longitud.

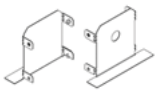
# OZ

## Tapones de cierre



| | Color | Código |
|---|---|---|
| | ○ | **1T7039** |
| | ● | **1T7040** |

Kit 2 tapones.
Para perfil empotrable pequeño.

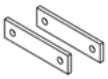


| | Color | Código |
|---|---|---|
| | ○ | **1T7073** |
| | ◐ | **1T7074** |

Kit 2 tapones.
Para perfil empotrable grande.

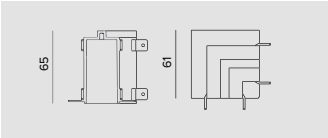
# Accesorios

## Junta mecánica



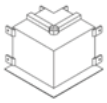
| | Código |
|---|---|
| | **1T7041** |

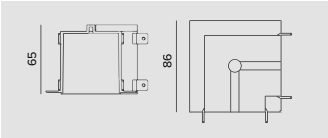
Kit constituido por 2 juntas mecánicas lineales y 4 tornillos de presión.
Para perfil para instalación empotrada.




| | Color | Código |
|---|---|---|
| | ○ | **1T7037** |
| | ◐ | **1T7038** |

Junta mecánica de L.
Para perfil empotrable pequeño.

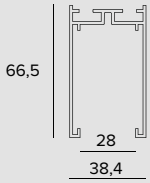





| | Color | Código |
|---|---|---|
| | ○ | **1T7437** |
| | ● | **1T7438** |

Junta mecánica de L.
Para perfil empotrable grande.

# Perfil para instalación a Plafón/Suspensión Small




## PARA MÓDULOS LUMINOSOS 25x25mm - MÓDULO PRINCIPAL

Perfil de aluminio extruido pintado.
Para instalaciones stand alone, utilizar solo módulos cabezales.
Para instalaciones en la estructura es indispensable iniciar la composición con el módulo cabezal.
Para configuraciones cerradas es necesario pedir como mínimo dos módulos de cabezal o varios de dos para instalarlos contrapuestos.
A completar con Power Track.

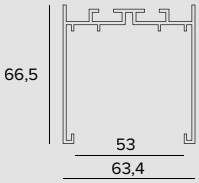
| | Kg | L | Color | |
|---|---|---|---|---|
| | 0,8 | 1015 | ○ | **1T7050** |
| | 1,7 | 2015 | ○ | **1T7051** |
| | 2,6 | 3015 | ○ | **1T7052** |
| | 0,8 | 1015 | ● | **1T7053** |
| | 1,7 | 2015 | ● | **1T7054** |
| | 2,6 | 3015 | ● | **1T7055** |

## PARA MÓDULOS LUMINOSOS 25x25mm - MÓDULO CENTRAL/TERMINAL

Perfil de aluminio extruido pintado.
Para instalaciones stand alone, utilizar solo módulos cabezales.
Para instalaciones en la estructura es indispensable iniciar la composición con el módulo cabezal.
Para configuraciones cerradas es necesario pedir como mínimo dos módulos de cabezal o varios de dos para instalarlos contrapuestos.
A completar con Power Track.

| | Kg | L | Color | |
|---|---|---|---|---|
| | 0,8 | 1000 | ○ | **1T7044** |
| | 1,7 | 2000 | ○ | **1T7045** |
| | 2,6 | 3000 | ○ | **1T7046** |
| | 0,8 | 1000 | ● | **1T7047** |
| | 1,7 | 2000 | ● | **1T7048** |
| | 2,6 | 3000 | ● | **1T7049** |

# Perfil para instalación a Plafón/Suspensión Large




## PARA MÓDULOS LUMINOSOS 50x50mm - MÓDULO PRINCIPAL

Perfil de aluminio extruido pintado.
Para instalaciones stand alone, utilizar solo módulos cabezales.
Para instalaciones en la estructura es indispensable iniciar la composición con el módulo cabezal.
Para configuraciones cerradas es necesario pedir como mínimo dos módulos de cabezal o varios de dos para instalarlos contrapuestos.
A completar con Power Track.

| | Kg | L | Color | |
|---|---|---|---|---|
| | 1 | 1015 | ○ | **1T7083** |
| | 2,1 | 2015 | ○ | **1T7084** |
| | 3,1 | 3015 | ○ | **1T7085** |
| | 1 | 1015 | ● | **1T7086** |
| | 2,1 | 2015 | ● | **1T7087** |
| | 3,1 | 3015 | ● | **1T7088** |

# OZ

## PARA MÓDULOS LUMINOSOS 50x50mm - MÓDULO CENTRAL/TERMINAL

**Perfil de aluminio extruido pintado.**
**Para instalaciones stand alone, utilizar solo módulos cabezales.**
**Para instalaciones en la estructura es indispensable iniciar la composición con el módulo cabezal.**
**Para configuraciones cerradas es necesario pedir como mínimo dos módulos de cabezal o varios de dos para instalarlos contrapuestos.**
**A completar con Power Track.**

| Kg | L | Color | |
|---|---|---|---|
| 1 | 1000 | ○ | **1T7077** |
| 2,1 | 2000 | ○ | **1T7078** |
| 3,1 | 3000 | ○ | **1T7079** |
| 1 | 1000 | ◐ | **1T7080** |
| 2,1 | 2000 | ◐ | **1T7081** |
| 3,1 | 3000 | ◐ | **1T7082** |

# Códigos para completar

## Tapones de cierre

| Color | Código |
|---|---|
| ○ | **1T7062** |
| ● | **1T7063** |

Kit 2 tapones.
Para perfil pequeño con instalación a plafón/suspensión.

| Color | Código |
|---|---|
| ○ | **1T7095** |
| ◐ | **1T7096** |

Kit 2 tapones.
Para perfil grande con instalación a plafón/suspensión.

## Sistema de fijación

| Código |
|---|
| **1T7065** |

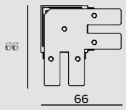
Kit de instalación a plafón.
Efectuar pedidos de nº 2 unidades para el módulo de 1 m de longitud, nº 2 unidades para el módulo de 2 m de longitud, nº 3 unidades para el módulo de 3 m de longitud.

| Código |
|---|
| **1T7066** |

Kit de instalación en suspensión.
Efectuar pedidos de nº 2 unidades para el módulo de 1 m de longitud, nº 2 unidades para el módulo de 2 m de longitud, nº 3 unidades para el módulo de 3 m de longitud.

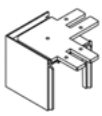
# Accesorios

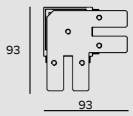
## Junta mecánica




| Color | Código |
|---|---|
| ○ | **1T7056** |
| ● | **1T7059** |

Junta mecánica de L.
Para perfil pequeño con instalación a plafón/suspensión.

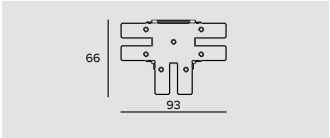





| Color | Código |
|---|---|
| ○ | **1T7089** |
| ◐ | **1T7092** |

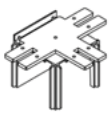
Junta mecánica de L.
Para perfil grande con instalación a plafón/suspensión.

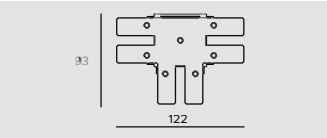
# OZ




| Color | Código |
|---|---|
| ○ | **1T7057** |
| ◐ | **1T7060** |

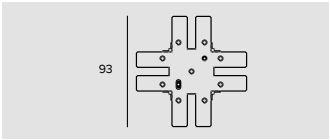
Junta mecánica de T.
Para perfil pequeño con instalación a plafón/suspensión.





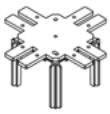

| Color | Código |
|---|---|
| ○ | **1T7090** |
| ● | **1T7093** |

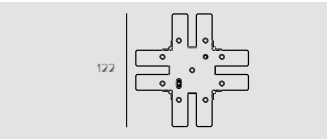
Junta mecánica de T.
Para perfil grande con instalación a plafón/suspensión.




| Color | Código |
|---|---|
| ○ | **1T7058** |
| ◐ | **1T7061** |

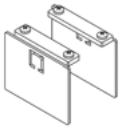
Junta mecánica de X.
Para perfil pequeño con instalación a plafón/suspensión.






| Color | Código |
|---|---|
| ○ | **1T7091** |
| ● | **1T7094** |

Junta mecánica de X.
Para perfil grande con instalación a plafón/suspensión.



| Color | Código |
|---|---|
| ○ | **1T7064** |
| ◐ | **1T7097** |

Junta mecánica lineal, compuesta por 4 juntas mecánicas y 4 tornillos.
Para perfil para instalación a plafón/suspensión.

## Panel de cobertura

| L | Color | Código |
|---|---|---|
| 1000 | ○ | **1T9595** |
| 2000 | ○ | **1T9596** |
| 1000 | ◐ | **1T9597** |
| 2000 | ◐ | **1T9598** |

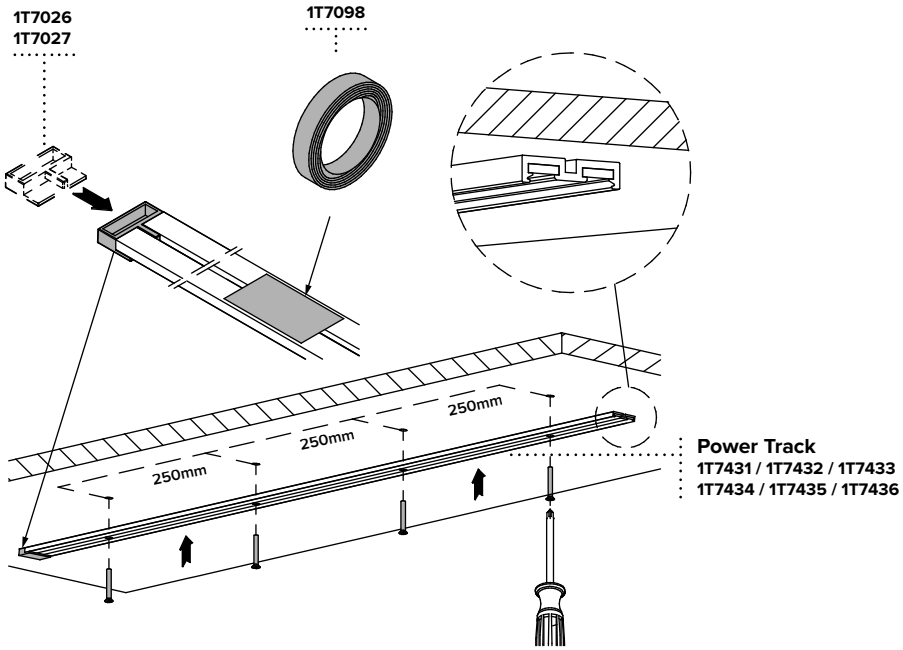
Cobertura para perfil pequeño para instalación a plafón/en suspensión.

| L | Color | Código |
|---|---|---|
| 1000 | ○ | **1T9599** |
| 2000 | ○ | **1T9600** |
| 1000 | ● | **1T9601** |
| 2000 | ● | **1T9602** |

Cobertura para perfil grande para instalación a plafón/en suspensión.

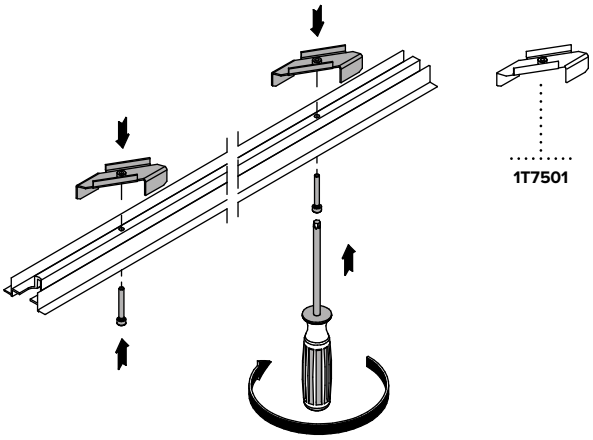
# OZ

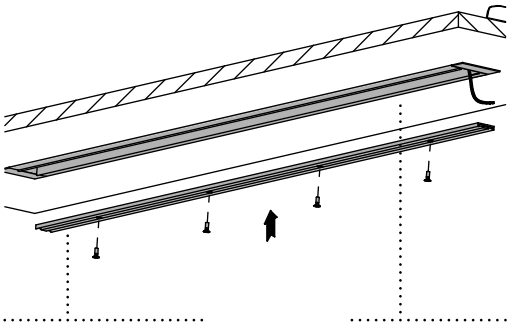
## Instalación a plafón
**Power track**




## Instalación empotrada
**Power Track + Perfil**

**Perfil para empotrado por Power Track**



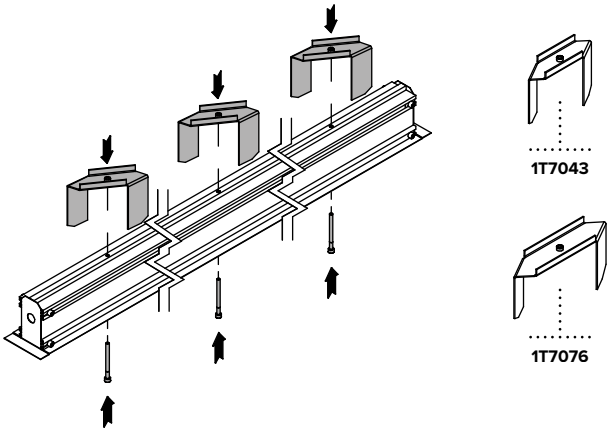



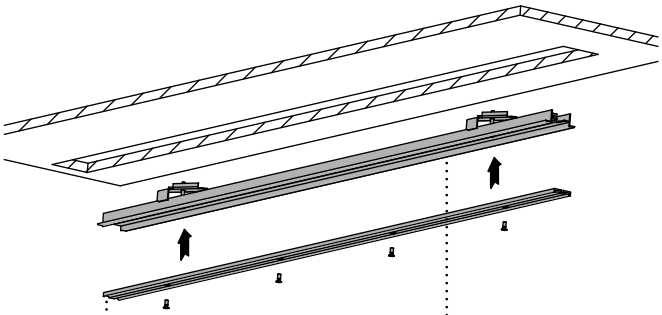
**Power Track**
1T7431 / 1T7432 / 1T7433
1T7434 / 1T7435 / 1T7436

**Perfil Small**
1T7031 / 1T7032 / 1T7033
1T7034 / 1T7035 / 1T7036

**Perfil Large**
1T7067 / 1T7068 / 1T7069
1T7070 / 1T7071 / 1T7072

**Perfil para empotrado**



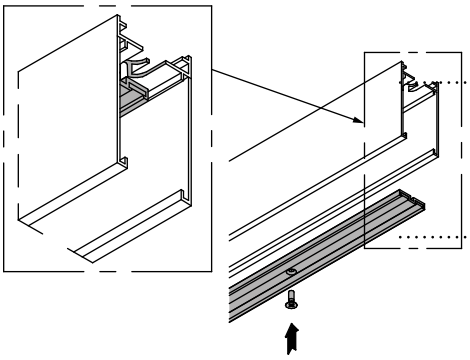



**Power Track**
1T7431 / 1T7432 / 1T7433
1T7434 / 1T7435 / 1T7436

1T7495 / 1T7496 / 1T7497
1T7498 / 1T7499 / 1T7500
1T7489 / 1T7490 / 1T7491
1T7492 / 1T7493 / 1T7494

# OZ

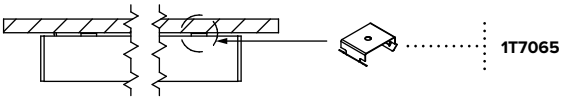
## Instalación a plafón / Suspensión
**Power Track + Profile**

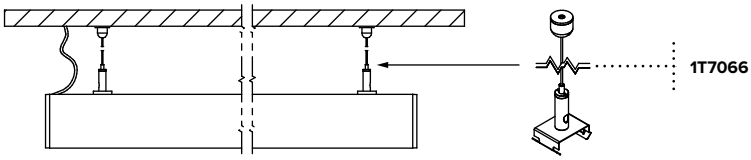


**Perfil Small**
1T7050 / 1T7051 / 1T7052
1T7053 / 1T7054 / 1T7055
1T7044 / 1T7045 / 1T7046
1T7047 / 1T7048 / 1T7049

**Perfil Large**
1T7083 / 1T7084 / 1T7085
1T7086 / 1T7087 / 1T7088
1T7077 / 1T7078 / 1T7079
1T7080 / 1T7081 / 1T7082

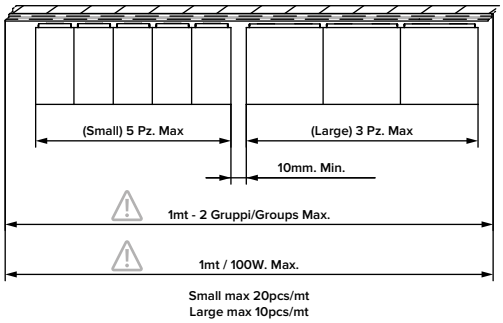
**Power Track**
1T7431 / 1T7432 / 1T7433
1T7434 / 1T7435 / 1T7436

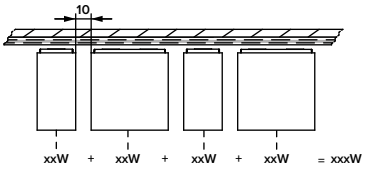


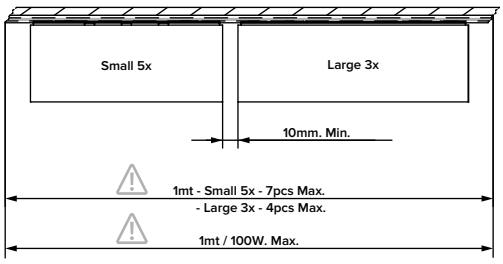

## Restricciones de instalación

### OZ Módulo luminoso – Individual

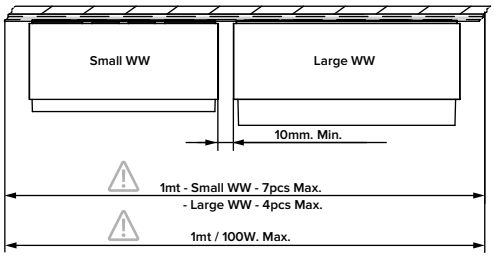


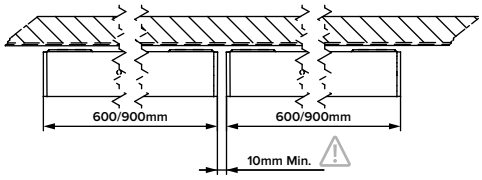

### OZ Módulo luminoso – Múltiple




### OZ Módulo luminoso – Wall Washer

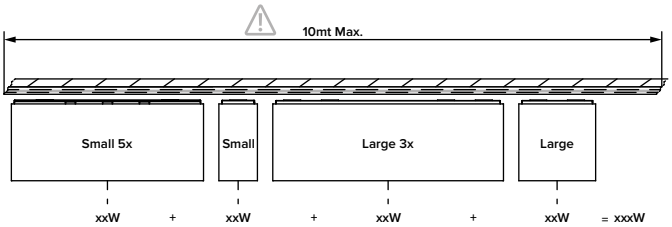


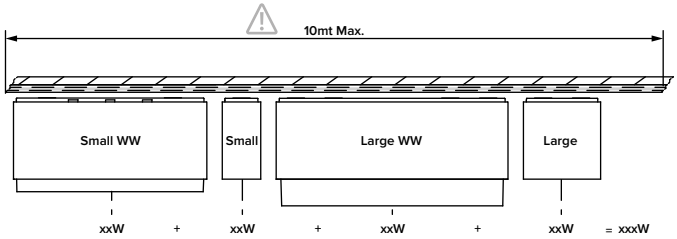

### OZ Módulo luminoso – Lineal

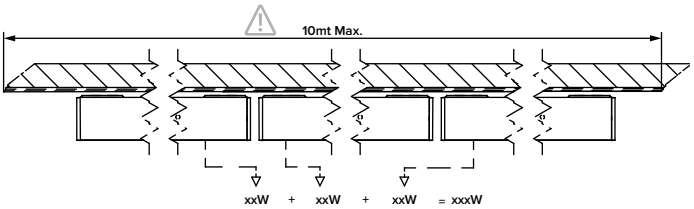



## Importante

Cada regulator 1-10V (Digital Dimming) puede controlar varios productos hasta un máximo de 96W por circuito eléctrico.



## Prescripciones e informaciones

Todos los aparatos de la línea Targetti han sido proyectados y realizados en conformidad con la Normativa europea EN60598-1 relativamente a las prescripciones de seguridad de los aparatos de iluminación.

**DISPOSICIONES CONSEJO EUROPEO**

Todos los aparatos están conformes a las normas enumeradas a continuación:

- Disposición EMC 2014/30/EU
- Disposición LV 2014/35/EU
- Disposición RoHS 2011/65/EU

## Si no resulta especificado de otro modo

- todos los aparatos se venden sin lámpara;
- todos los aparatos se venden singularmente;
- todas las medidas se expresan en mm;
- todos los aparatos de baja tensión se venden sin transformador;
- Para los productos de clase III, las prestaciones están garantizadas solo con el uso de los alimentadores electrónicos y drivers indicados en el catálogo.

**TARGETTI SANKEY SpA**
Certificated ISO 9001 n° 9130. TAR1
Certificated ISO 14001 n° IT319206

La marca ENEC, las certificaciones ISO 9001 y ISO 14001 y la marca CE garantizan que las actividades que se llevan a cabo en el interior de la empresa están gobernadas y controladas por procedimientos que aseguran el constante nivel de calidad.

Laboratorio reconocido según la ISO 17025.

## Consorcio ecolight

Targetti Sankey Spa forma parte del consorcio Ecolight, constituido en 2004 (D.Lgs. 49/2014) en cumplimiento de lo dispuesto por la Directiva Europea adoptada en Italia como Directiva Europea RAEE 2012/19/EU para la gestión, recuperación y tratamiento de los dispositivos eléctricos, electrónicos, pilas y acumuladores agotados, de acuerdo con todas las normas vigentes.

Los colores de los artículos ilustrados son reproducidos lo más fielmente posible compatiblemente con los límites técnicos de la imprenta. La empresa se reserva la posibilidad de aportar cualquier modificación a su producción sin previo aviso. Está prohibida la reproducción, inclusive parcial, de este catálogo. Los productos ilustrados en este catálogo están amparados por una o más patentes italianas o internacionales. La empresa promoverá acciones legales con respecto a eventuales imitadores.

## Apertura de fijación

| from | to | beam | |
|---|---|---|---|
| 5° | 10° | Narrow Spot | **NSP** |
| 11° | 25° | Spot | **SP** |
| 26° | 40° | Flood | **FL** |
| 41° | 50° | Medium Wide Flood | **MWFL** |
| 51° | 70° | Wide Flood | **WFL** |
| 71° | 120° | Very Wide Flood | **VWFL** |
| | | Wall Washer | **WW** |
| | | Narrow Asymmetric | **N. ASYM** |
| | | Asymmetric | **ASYM** |

## Leyenda de los iconos

Equipo de primera clase en el que la protección contra descargas eléctricas se garantiza conectando las partes conductoras a las que se tiene acceso a un conductor de protección (puesta a tierra).

Equipo en el que la conexión a un conductor de protección (puesta a tierra) garantiza la inmunidad ante interferencias de radio.

Equipo de segunda clase (doble aislamiento) doblemente protegido contra el contacto accidental con partes en tensión por parte del usuario.

III — Luminaria Clase III, para conexiones a circuitos de muy bajo voltaje.

IP.. — Grado de protección frente a cuerpos sólidos y penetraciones de líquidos.

IP..
IP.. — Grado de protección - Parte encastrada.
Grado de protección - Parte en vista.

IK.. — Grado de resistencia a los impactos.

ENEC — ENEC
European Norms Electrical Certification.

## Símbolos particulares

0,5 — Peso del aparato individual.

Longitud del cable.

Transitable.

Carrossable.

Luminarias que presentan parámetros bajo el umbral mínimo de visibilidad PstLM≤1 y SVM≤0,4 (IEC TR 61547-1 e IEC TR 63158).

DBS — Tecnología óptica Dynamic Beam Shaper con gestión a distancia de la abertura del haz.

Ra — LED con Ra__, si no están presentes en el catálogo, están disponibles bajo petición.

Varias temperaturas color disponibles bajo petición.

Acabado personalizado a elegir entre la gama Colours Targetti y los RAL indicados en la carpeta de colores que se puede descargar online en la sección download.

Tratamiento aplicado bajo petición.

Suministrado bajo petición con alimentación 110-277Vac, integrada o a distancia.

Versión LED con cambio de tonalidad “Tunable White” disponible bajo petición.

Importante

- Para tratamientos y versiones bajo pedido, contacte con la empresa.
- Los performances de los productos se refieren al uso de los drivers recomendados.
- Los drivers como accesorio del catálogo Targetti aseguran el “Safe Flicker” de las luminarias.