

# MINI TRACK



12

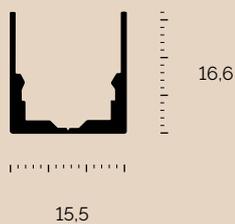
REALLY  
REALLY  
MINI

Get READY 2.0

**LS7** TECSOLEAD

No creerás lo pequeño  
que es hasta que lo  
tengas en la mano

*You won't believe how  
small it is until you hold  
it in your hand.*

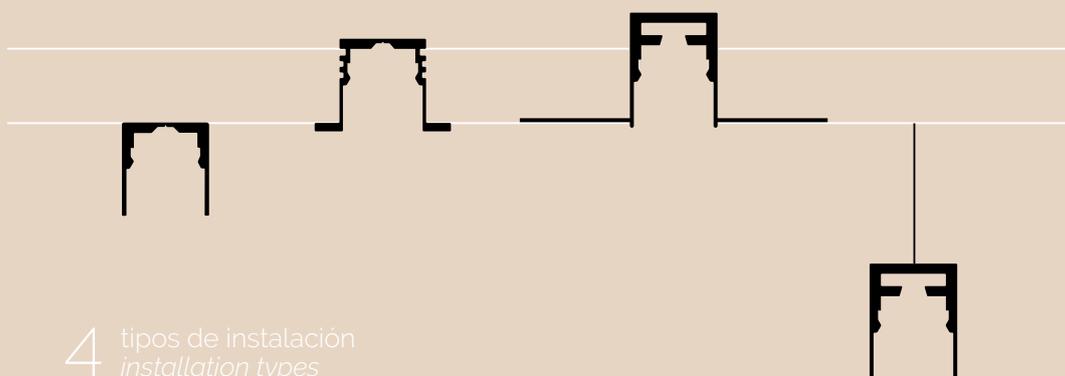






## “ Diseño de líneas puras, ultrafino y elegante

*Pure lines design, ultra-thin and elegant.*



4 tipos de instalación  
*installation types*

La familia Minitrack, compuesta por cuatro tipos de carril y varios modelos de luminarias, está especialmente pensada para espacios donde se necesite iluminación miniaturizada que pase fácilmente desapercibida.

Las dimensiones del perfil, los componentes y las luminarias se reducen al máximo, consiguiendo un diseño de líneas puras, ultrafino y elegante.

Es perfecta para escaparates, zonas de techos bajos o lugares donde el carril está próximo al producto.

*The Minitrack series, consisting of four types of track and various models of luminaires suitable for all of them, is intended especially for spaces where miniaturised lighting that is highly unnoticeable is required.*

*Dimensions of the profile, the components and the luminaires are reduced to the maximum, achieving a pure, ultra-slim and elegant design.*

*It is a particularly suitable solution for shop windows, areas with low ceilings or places where the track is close to the product.*

TF500

TS07

TS06

TS02

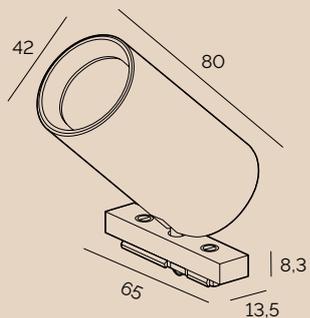
TS03

TS08



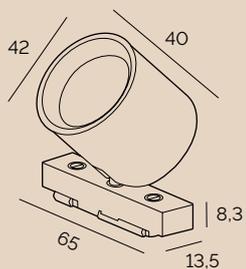
### TSL TS07

Track spot grande  
Large track spot



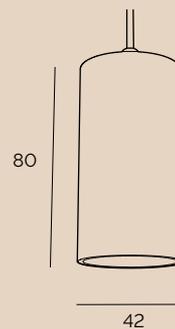
### TSL TS06

Track spot grande  
Large track spot



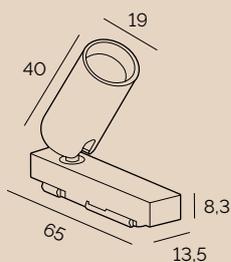
### TSL TS09

Track spot colgante  
Pendant track spot



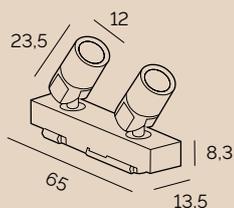
### TSL TS02

Track spot



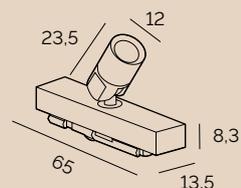
### TSL TS03

Track spot doble  
Double track spot



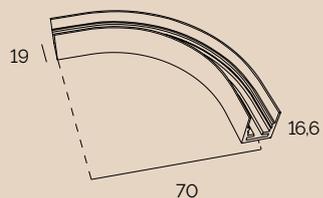
### TSL TS08

Track spot individual  
Single track spot



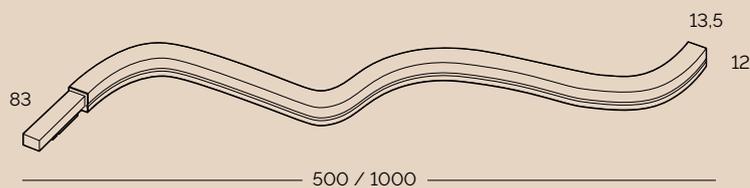
### TSL TC7090

Track curvo  
Curve track



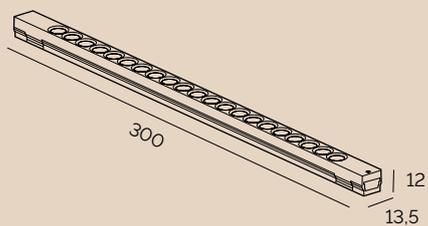
### TSL TF500

Luminaria flexible Minitrack  
Flexible Minitrack Luminaire



### TSL TG300

Track grating  
Grating track





Referencia  
Code

48010013

Acabado  
Finish

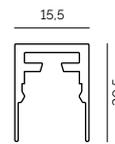
● Negro / Black

Formatos  
Length

2 m

### Datos técnicos / Technical data

Material AL6063-T5  
Tensión / Voltage 24-48 VDC  
Intensidad máx. / Max. Current 2A  
Regulación / Dimming DALI / 0-10V



### Conexiones Connectors



Pletina unión  
Connecting plate  
Acero/Steel

48090098



Perfil curvo  
Curve profile  
16,6 x 19 x 70 mm

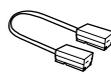
48010015

### Alimentación Power feeder



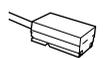
Rail alimentación adhesivo  
Adhesive power rail  
11 x 2,25 mm

48090090



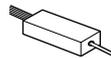
Conector de unión  
Power joint connector  
12 x 13,7 x 28 mm

48090093



Conector inicial  
Power feeder connector  
12 x 13,7 x 28 mm

48090091



Convertor DALI a 0-10V  
DALI to 0-10V converter  
11 x 22 x 43 mm

48090089



Conector y puente salida cable trasera  
Rear cable connector and jumper  
11,95 x 13,5 x 92 mm

48090092



Sensor mano  
Hand sensor  
8,5 x 13,5 x 65 mm

48090094

### Accesorios Accessories



Cable de suspensión  
Pendant wires  
2 m | 2 un.

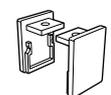
● 08467010N



Cobertor silicona  
Silicone cover  
11,8 x 14 mm

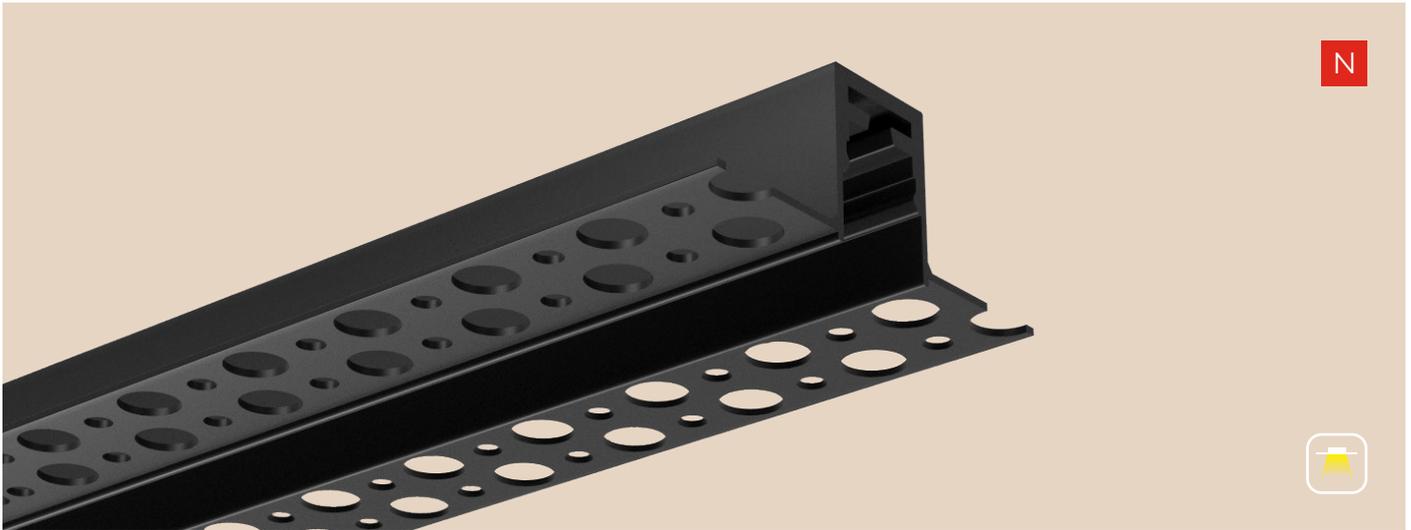
48090096

### Tapas End caps



Sin pasacable (Set 2 un.)  
Without hole (Set 2 un.)  
21,1 x 16,1 x 1,5 mm / ZAMAK

48090095



Referencia  
Code

48010016

Acabado  
Finish

● Negro / Black

Formatos  
Length

2 m

### Datos técnicos / Technical data

Material

AL6063-T5

Tensión / Voltage

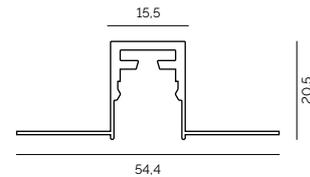
24-48 VDC

Intensidad máx. / Max. Current

2A

Regulación / Dimming

DALI / 0-10V



### Conexiones Connectors.



Pletina unión  
Connecting plate

Acero/Steel

48090098



Perfil curvo  
Curve profile

16.6 x 19 x 70 mm

48010015

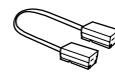
### Alimentación Power feeder



Rail alimentación adhesivo  
Adhesive power rail

11 x 2,25 mm

48090090



Conector de unión  
Power joint connector

12 x 13,7 x 28 mm

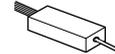
48090093



Conector inicial  
Power feeder connector

12 x 13,7 x 28 mm

48090091



Conversor DALI a 0-10V  
DALI to 0-10V converter

11 x 22 x 43 mm

48090089



Conector y puente salida cable trasera  
Rear cable connector and jumper

11,95 x 13,5 x 92 mm

48090092



Sensor mano  
Hand sensor

8,5 x 13,5 x 65 mm

48090094

### Accesorios Accessories



Cobertor silicona  
Silicone cover

11,8 x 14 mm

48090096

### Tapas End caps



Sin pasacable (Set 2 un.)  
Without hole (Set 2 un.)

21,1 x 16,1 x 1,5 mm / ZAMAK

48090095



Referencia  
Code

48010005

Acabado  
Finish

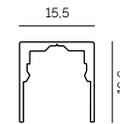
● Negro / Black

Formatos  
Length

2 m

### Datos técnicos / Technical data

|                                |              |
|--------------------------------|--------------|
| Material                       | AL6063-T5    |
| Tensión / Voltage              | 24-48 VDC    |
| Intensidad máx. / Max. Current | 2A           |
| Regulación / Dimming           | DALI / 0-10V |

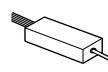


### Alimentación Power feeder



Rail alimentación adhesivo  
*Adhesive power rail*  
11 x 2,25 mm

48090090



Convertor DALI a 0-10V  
*DALI to 0-10V converter*  
11 x 22 x 43 mm

48090089



Conector inicial  
*Power feeder connector*  
12 x 13,7 x 28 mm

48090091



Sensor mano  
*Hand sensor*  
8,5 x 13,5 x 65 mm

48090094



Conector de unión  
*Power joint connector*  
12 x 13,7 x 28 mm

48090093

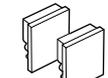
### Accesorios Accessories



Cobertor silicona  
*Silicone cover*  
11,8 x 14 mm

48090096

### Tapas End caps



Sin pasacable (Set 2 un.)  
*Without hole (Set 2 un.)*  
8,3 x 13,5 x 4,5 mm / PC

48090018



Referencia  
Code

48010014

Acabado  
Finish

● Negro / Black

Formatos  
Length

2 m

### Datos técnicos / Technical data

Material

AL6063-T5

Tensión / Voltage

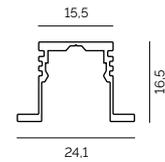
24-48 VDC

Intensidad máx. / Max. Current

2A

Regulación / Dimming

DALI / 0-10V



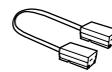
### Alimentación Power feeder



Rail alimentación adhesivo  
Adhesive power rail

11 x 2,25 mm

48090090



Conector de unión  
Power joint connector

12 x 13,7 x 28 mm

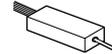
48090093



Conector inicial  
Power feeder connector

12 x 13,7 x 28 mm

48090091



Conversor DALI a 0-10V  
DALI to 0-10V converter

11 x 22 x 43 mm

48090089



Conector y puente salida cable trasera  
Rear cable connector and jumper

11,95 x 13,5 x 92 mm

48090092



Sensor mano  
Hand sensor

8,5 x 13,5 x 65 mm

48090094

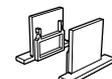
### Accesorios Accessories



Clip empotrar techo  
Recessed ceiling clip

Acero /Steel

48090097



Sin pasacable (Set 2 un.)  
Without hole (Set 2 un.)

16,4 x 15,3 x 3 mm / PC

48090099

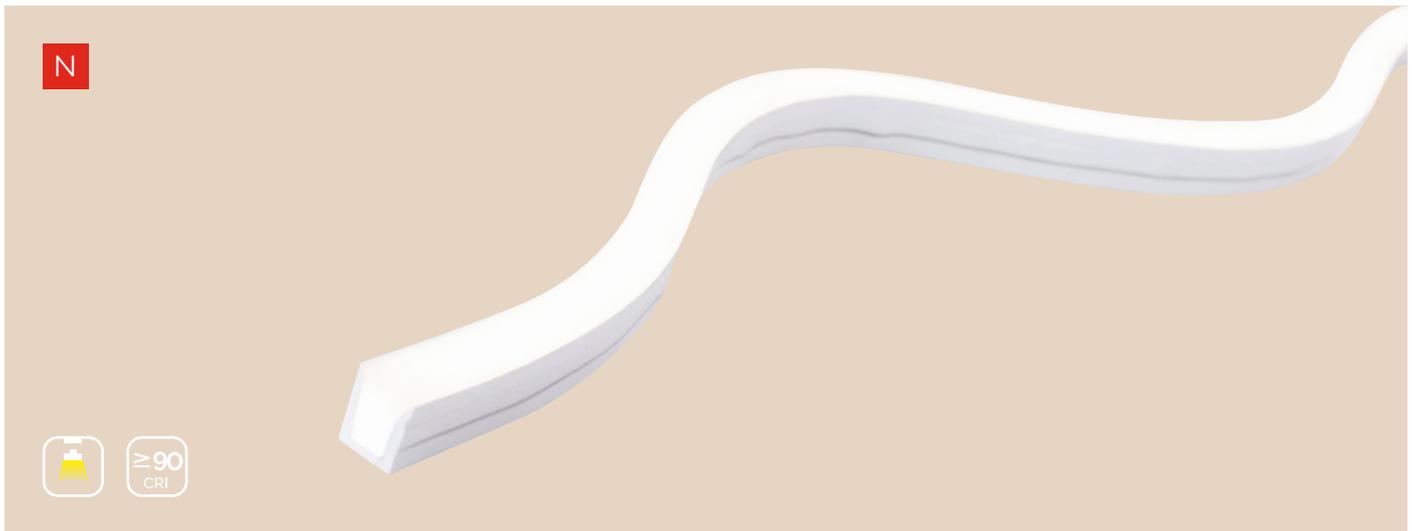


Cobertor silicona  
Silicone cover

11,8 x 14 mm

48090096

### Tapas End caps



| Referencia<br>Code | Dimensiones<br>Size | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|---------------------|-------------------|-------------------|----------------------|-----------------------|
| 48020250           | 500 mm              | 5,3 W             | 258 lm            | 25 lm/W              | 2700 K                |
| 48020248           | 500 mm              | 5,3 W             | 271 lm            | 26 lm/W              | 3000 K                |
| 48020251           | 1000 mm             | 10,5 W            | 516 lm            | 25 lm/W              | 2700 K                |
| 48020249           | 1000 mm             | 10,5 W            | 542 lm            | 26 lm/W              | 3000 K                |

### Características eléctricas / *Electrical data*

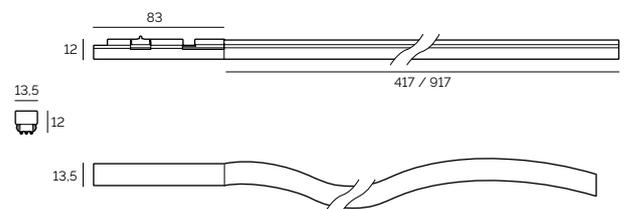
|  |              |
|--|--------------|
| Tensión / <i>Voltage</i>                 | 24 VAC       |
| Potencia / <i>Power</i>                  | 10,5W@TF1000 |
| Factor de potencia / <i>Power Factor</i> | 1            |
| Regulación / <i>Dimming</i>              | 0-10 V       |

### Características ópticas / *Photometric data*

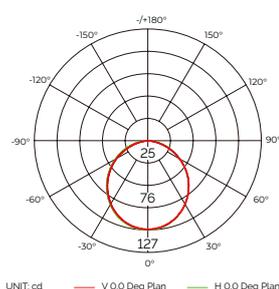
|  |                    |
|--|--------------------|
| CRI  | >90                |
| R9   | >50                |
| Consistencia / <i>Consistency</i>            | 3                  |
| UGR  | <22                |
| Ángulo / <i>Angle</i>                        | 120 °              |
| Código fotométrico / <i>Photometric code</i> | 9xx/339            |
| Fidelidad color / <i>Colour Fidelity</i>     | 90 R <sub>f</sub>  |
| Gama color / <i>Colour Gamut</i>             | 100 R <sub>g</sub> |
| Grupo de riesgo / <i>Risk group</i>          | GR1                |

### Características técnicas / *Technical data*

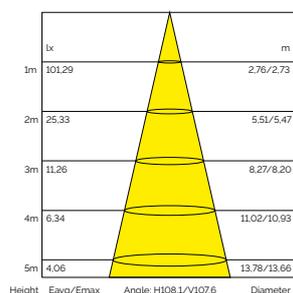
|                                       |               |
|---------------------------------------|---------------|
| Material                              | AL6063-T5     |
| Protección IP / <i>IP process</i>     | IP 20         |
| Dimensiones / <i>Size</i>             | 13,5x11,9 mm  |
| T. almacenamiento / <i>Storage T.</i> | -20 / 65 °C   |
| T. ambiente / <i>Ambient T.</i>       | 0 / 45 °C     |
| Tc                                    | 50 °C         |
| Vida útil / <i>Lifetime</i>           | 50Kh (L80B10) |
| Garantía / <i>Warranty</i>            | 3 años/years  |



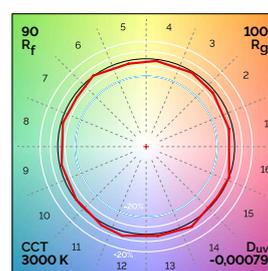
Distribución luminosa  
*Light intensity distribution*



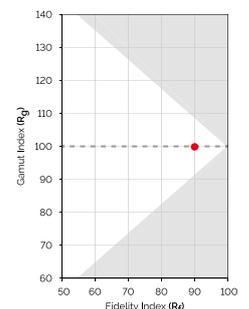
Iluminancia  
*Illuminance*



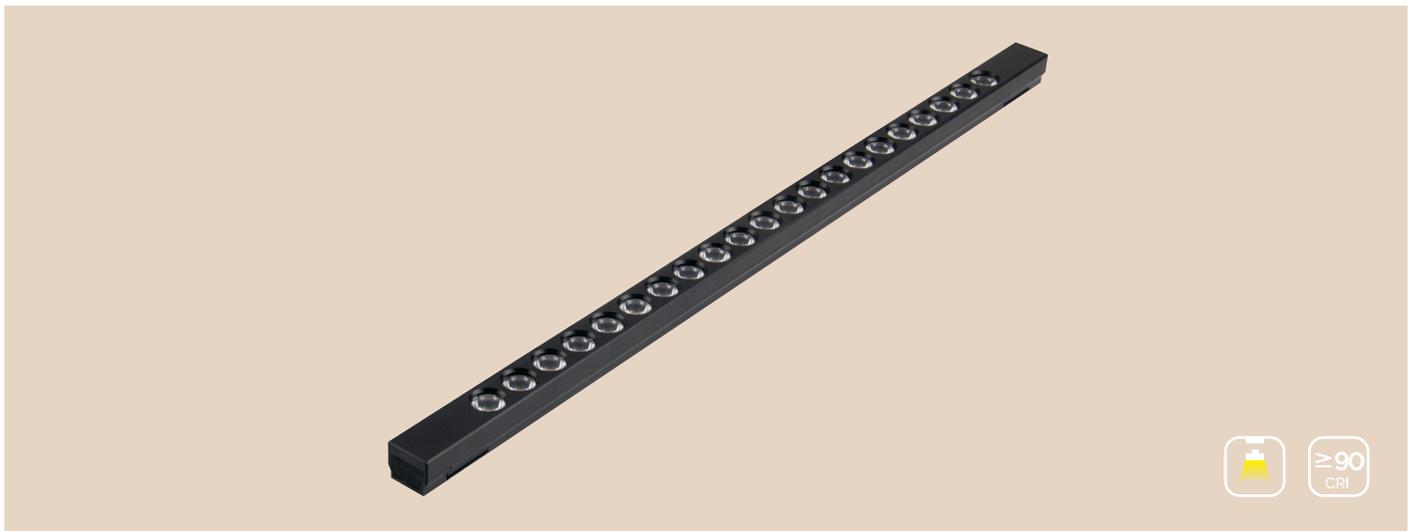
Vector gráfico de color  
*Color vector graphic*



Fidelidad y gama  
*Fidelity and gamut*



\*Estudio fotométrico realizado sobre luminaria de 1000 mm y 3000K. / *Photometric test conducted on a 1000 mm and 3000K luminaire.*



| Referencia<br>Code | Dimensiones<br>Size | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|---------------------|-------------------|-------------------|----------------------|-----------------------|
| 48020084           | 300 mm              | 8 W               | 1075 lm           | 134 lm/W             | 2700 K                |
| 48020038           | 300 mm              | 8 W               | 1095 lm           | 137 lm/W             | 3000 K                |

### Características eléctricas / Electrical data

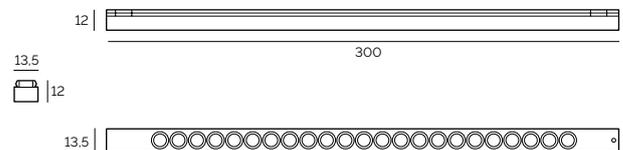
|                                   |        |
|-----------------------------------|--------|
| Tensión / Voltage                 | 24 VAC |
| Potencia / Power                  | 8W     |
| Factor de potencia / Power Factor | 1      |
| Regulación / Dimming              | 0-10 V |

### Características ópticas / Photometric data

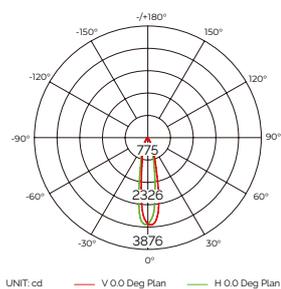
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3                  |
| UGR                                   | <12                |
| Ángulo / Angle                        | 20 °               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

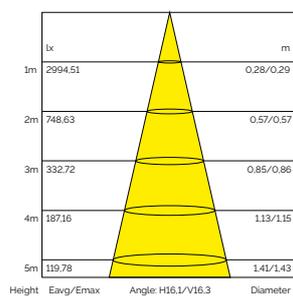
|                                |                           |
|--------------------------------|---------------------------|
| Material                       | AL6063-T5                 |
| Protección IP / IP process     | IP 20                     |
| Dimensiones / Size             | 13.5x11,9 mm              |
| T. almacenamiento / Storage T. | -20 / 65 °C               |
| T. ambiente / Ambient T.       | 0 / 45 °C                 |
| Tc                             | 50 °C                     |
| Vida útil / Lifetime           | 50K <sub>h</sub> (L80B10) |
| Garantía / Warranty            | 3 años/years              |



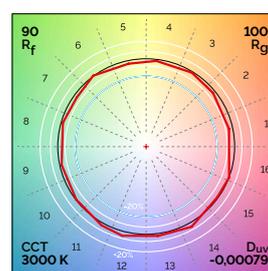
Distribución luminosa  
Light intensity distribution



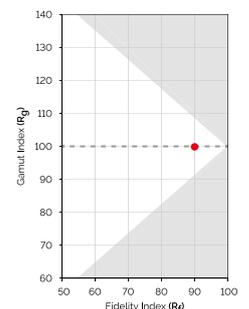
Iluminancia  
Illuminance



Vector gráfico de color  
Color vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 300 mm y 3000K. / Photometric test conducted on a 300 mm and 3000K luminaire.

N



| Referencia<br>Code | Dimensiones<br>Size | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|---------------------|-------------------|-------------------|----------------------|-----------------------|
| 48020242           | Ø12 mm              | 1,2 W             | 78 lm             | 65 lm/W              | 2700 K                |
| 48020286           | Ø12 mm              | 1,2 W             | 82 lm             | 69 lm/W              | 3000 K                |

### Características eléctricas / Electrical data

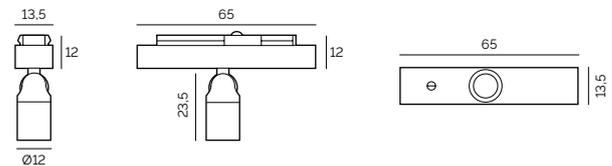
|                                   |           |
|-----------------------------------|-----------|
| Tensión / Voltage                 | 24-48 VAC |
| Potencia / Power                  | 1,2W      |
| Factor de potencia / Power Factor | 1         |
| Regulación / Dimming              | 0-10 V    |

### Características ópticas / Photometric data

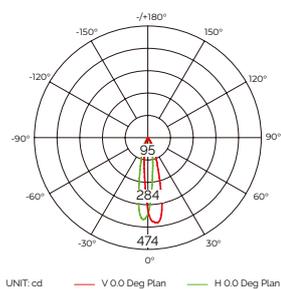
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3                  |
| UGR                                   | <12                |
| Ángulo / Angle                        | 20 °               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

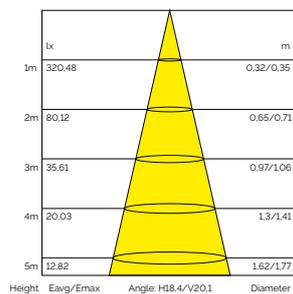
|                                |                           |
|--------------------------------|---------------------------|
| Material                       | AL6063-T5                 |
| Protección IP / IP process     | IP 20                     |
| Dimensiones / Size             | Ø12x23.5 mm               |
| T. almacenamiento / Storage T. | -20 / 65 °C               |
| T. ambiente / Ambient T.       | 0 / 45 °C                 |
| Tc                             | 50 °C                     |
| Vida útil / Lifetime           | 50K <sub>h</sub> (L80B10) |
| Garantía / Warranty            | 3 años/years              |



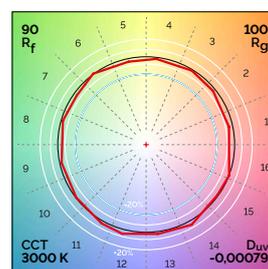
Distribución luminosa  
Light intensity distribution



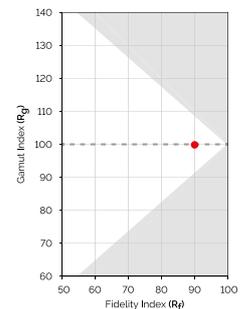
Iluminancia  
Illuminance



Vector gráfico de color  
Color vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de Ø12 mm y 3000K. / Photometric test conducted on a Ø12 mm and 3000K luminaire.



| Referencia<br>Code | Dimensiones<br>Size | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T |
|--------------------|---------------------|-------------------|-------------------|----------------------|----------------------|
| 48020252           | Ø12 mm              | 2 W               | 135 lm            | 68 lm/W              | 2700 K               |
| 48020040           | Ø12 mm              | 2 W               | 142 lm            | 71 lm/W              | 3000 K               |

### Características eléctricas / Electrical data

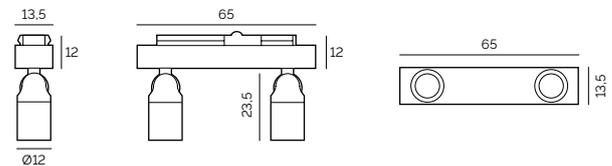
|                                   |           |
|-----------------------------------|-----------|
| Tensión / Voltage                 | 24-48 VAC |
| Potencia / Power                  | 2x1W      |
| Factor de potencia / Power Factor | 1         |
| Regulación / Dimming              | 0-10 V    |

### Características ópticas / Photometric data

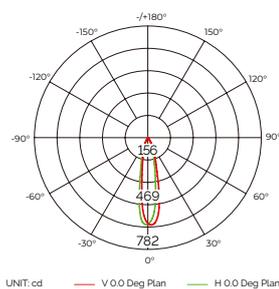
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3                  |
| UGR                                   | <12                |
| Ángulo / Angle                        | 20 °               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

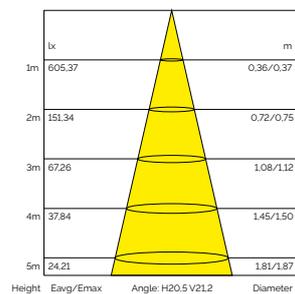
|                                |                           |
|--------------------------------|---------------------------|
| Material                       | AL6063-T5                 |
| Protección IP / IP process     | IP 20                     |
| Dimensiones / Size             | 12x21,5 mm                |
| T. almacenamiento / Storage T. | -20 / 65 °C               |
| T. ambiente / Ambient T.       | 0 / 45 °C                 |
| Tc                             | 50 °C                     |
| Vida útil / Lifetime           | 50K <sub>h</sub> (L80B10) |
| Garantía / Warranty            | 3 años/years              |



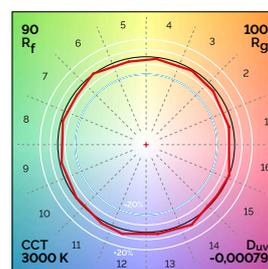
Distribución luminosa  
Light intensity distribution



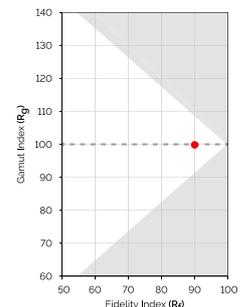
Iluminancia  
Illuminance



Vector gráfico de color  
Color vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de Ø12 mm y 3000K. / Photometric test conducted on a Ø12 mm and 3000K luminaria.



| Referencia<br>Code | Dimensiones<br>Size | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|---------------------|-------------------|-------------------|----------------------|-----------------------|
| 48020235           | Ø19 mm              | 2 W               | 119 lm            | 60 lm/W              | 2700 K                |
| 48020039           | Ø19 mm              | 2 W               | 125 lm            | 63 lm/W              | 3000 K                |

### Características eléctricas / Electrical data

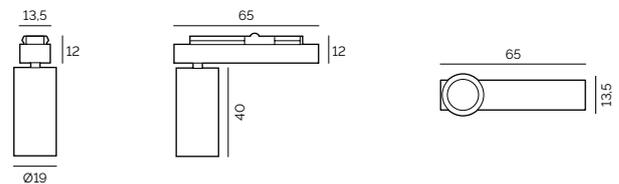
|                                   |           |
|-----------------------------------|-----------|
| Tensión / Voltage                 | 24-48 VAC |
| Potencia / Power                  | 2W        |
| Factor de potencia / Power Factor | 1         |
| Regulación / Dimming              | 0-10 V    |

### Características ópticas / Photometric data

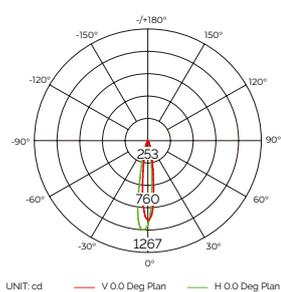
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3                  |
| UGR                                   | <12                |
| Ángulo / Angle                        | 15 °               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

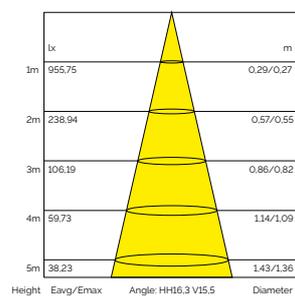
|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | IP 20         |
| Dimensiones / Size             | Ø19x40 mm     |
| T. almacenamiento / Storage T. | -20 / 65 °C   |
| T. ambiente / Ambient T.       | 0 / 45 °C     |
| Tc                             | 50 °C         |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |



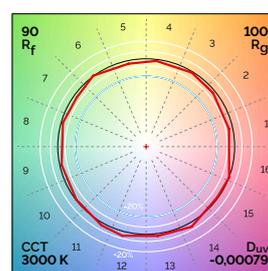
Distribución luminosa  
Light intensity distribution



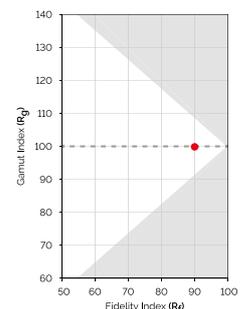
Iluminancia  
Illuminance



Vector gráfico de color  
Color vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de Ø19 mm y 3000K. / Photometric test conducted on a Ø19 mm and 3000K luminaria.







| Referencia<br>Code | Dimensiones<br>Size | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|---------------------|-------------------|-------------------|----------------------|-----------------------|
| 48020085           | Ø42 mm              | 4 W               | 318 lm            | 80 lm/W              | 2700 K                |
| 48020041           | Ø42 mm              | 4 W               | 335 lm            | 84 lm/W              | 3000 K                |

### Características eléctricas / Electrical data

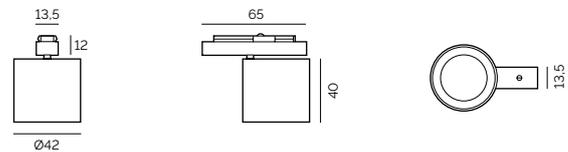
|                                   |           |
|-----------------------------------|-----------|
| Tensión / Voltage                 | 24-48 VAC |
| Potencia / Power                  | 4W        |
| Factor de potencia / Power Factor | 1         |
| Regulación / Dimming              | 0-10 V    |

### Características ópticas / Photometric data

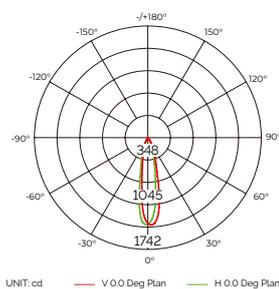
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3                  |
| UGR                                   | <12                |
| Ángulo / Angle                        | 22 °               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

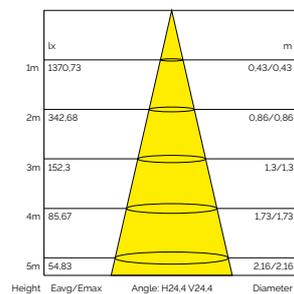
|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | IP 20         |
| Dimensiones / Size             | Ø42x40 mm     |
| T. almacenamiento / Storage T. | -20 / 65 °C   |
| T. ambiente / Ambient T.       | 0 / 45 °C     |
| Tc                             | 50 °C         |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |



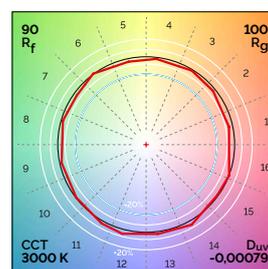
Distribución luminosa  
Light intensity distribution



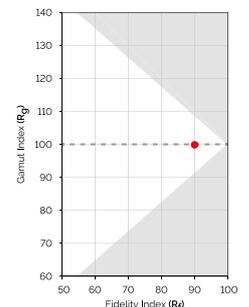
Iluminancia  
Illuminance



Vector gráfico de color  
Color vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de Ø42 mm y 3000K. / Photometric test conducted on a Ø42 mm and 3000K luminaire.

N



| Referencia<br>Code | Dimensiones<br>Size | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|---------------------|-------------------|-------------------|----------------------|-----------------------|
| 48020247           | Ø42 mm              | 6 W               | 436 lm            | 73 lm/W              | 2700 K                |
| 48020233           | Ø42 mm              | 6 W               | 459 lm            | 76 lm/W              | 3000 K                |

### Características eléctricas / Electrical data

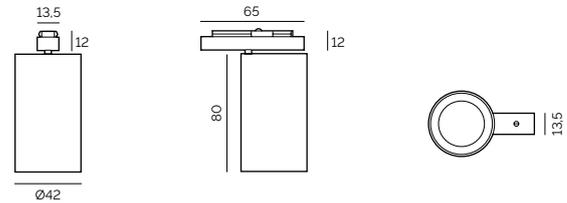
|                                   |           |
|-----------------------------------|-----------|
| Tensión / Voltage                 | 24-48 VAC |
| Potencia / Power                  | 6W        |
| Factor de potencia / Power Factor | 1         |
| Regulación / Dimming              | 0-10 V    |

### Características ópticas / Photometric data

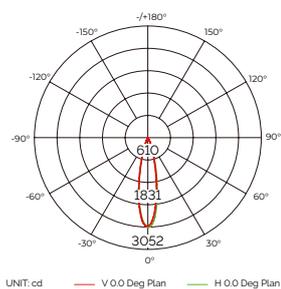
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3                  |
| UGR                                   | <12                |
| Ángulo / Angle                        | 25 °               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

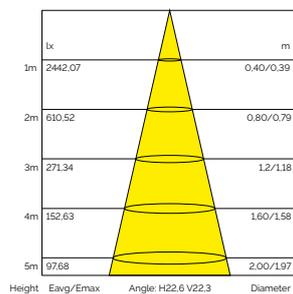
|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | IP 20         |
| Dimensiones / Size             | Ø42x80 mm     |
| T. almacenamiento / Storage T. | -20 / 65 °C   |
| T. ambiente / Ambient T.       | 0 / 45 °C     |
| Tc                             | 50 °C         |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |



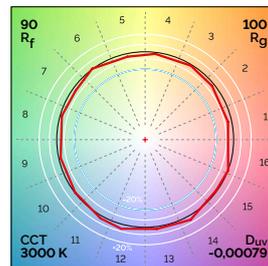
Distribución luminosa  
Light intensity distribution



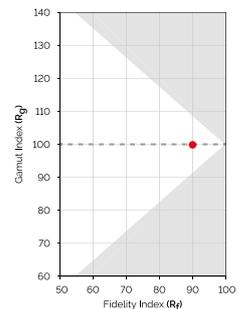
Iluminancia  
Illuminance



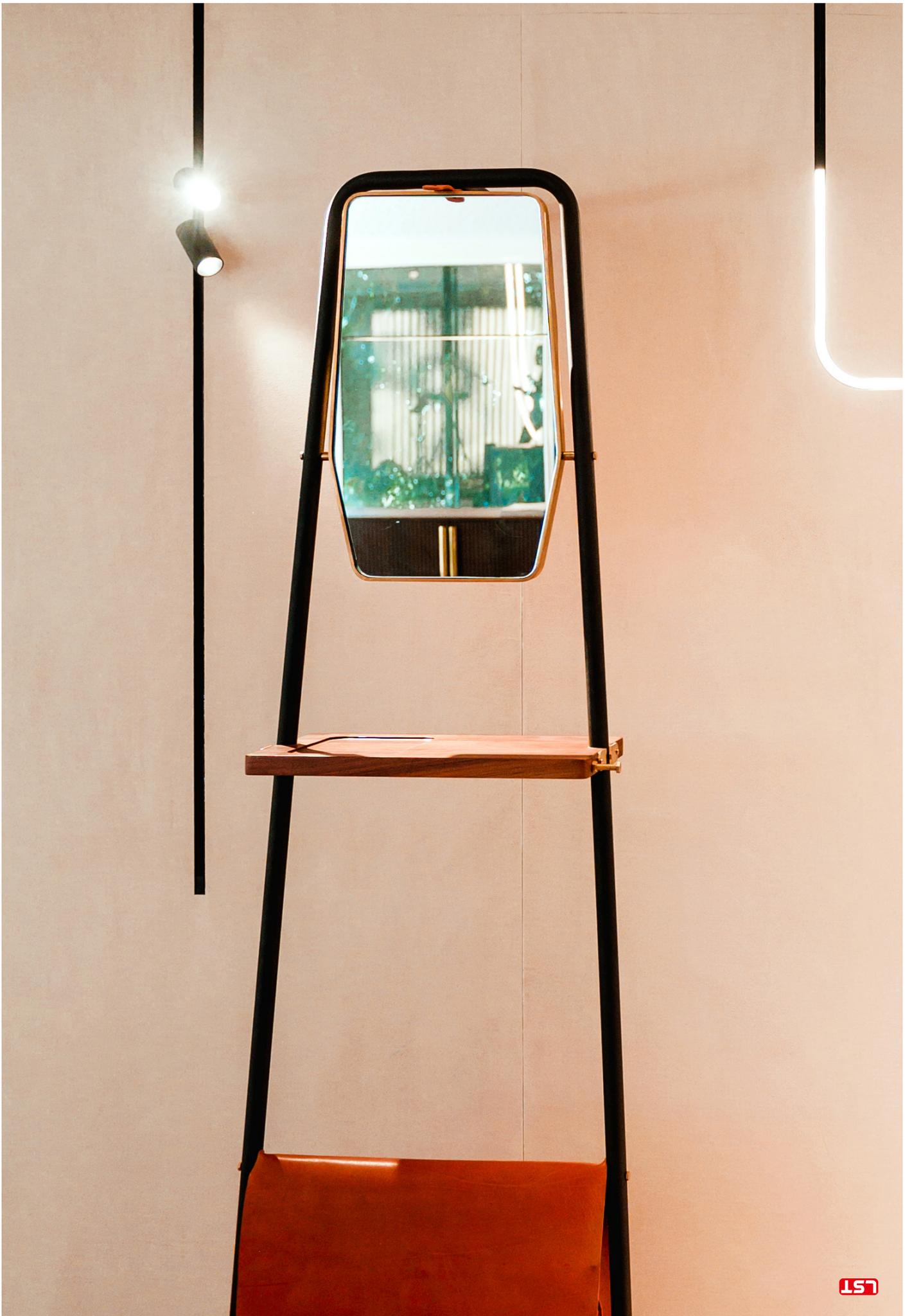
Vector gráfico de color  
Color vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de Ø42 mm y 3000K. / Photometric test conducted on a Ø42 mm and 3000K luminaire.







| Referencia<br>Code | Dimensiones<br>Size | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|---------------------|-------------------|-------------------|----------------------|-----------------------|
| 48020243           | Ø42 mm              | 6 W               | 436 lm            | 73 lm/W              | 2700 K                |
| 48020241           | Ø42 mm              | 6 W               | 459 lm            | 76 lm/W              | 3000 K                |

### Características eléctricas / Electrical data

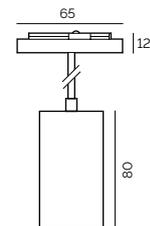
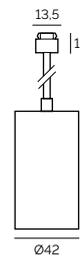
|                                   |           |
|-----------------------------------|-----------|
| Tensión / Voltage                 | 24-48 VAC |
| Potencia / Power                  | 6W        |
| Factor de potencia / Power Factor | 1         |
| Regulación / Dimming              | 0-10 V    |

### Características ópticas / Photometric data

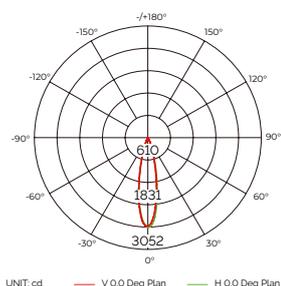
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3                  |
| UGR                                   | <12                |
| Ángulo / Angle                        | 25 °               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

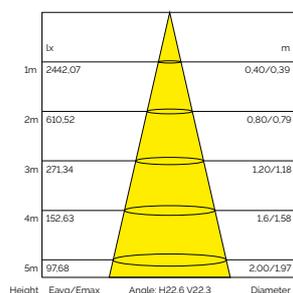
|                                |                           |
|--------------------------------|---------------------------|
| Material                       | AL6063-T5                 |
| Protección IP / IP process     | IP 20                     |
| Dimensiones / Size             | Ø42x80 mm                 |
| T. almacenamiento / Storage T. | -20 / 65 °C               |
| T. ambiente / Ambient T.       | 0 / 45 °C                 |
| Tc                             | 50 °C                     |
| Vida útil / Lifetime           | 50K <sub>h</sub> (L80B10) |
| Garantía / Warranty            | 3 años/years              |



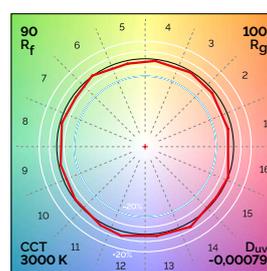
Distribución luminosa  
Light intensity distribution



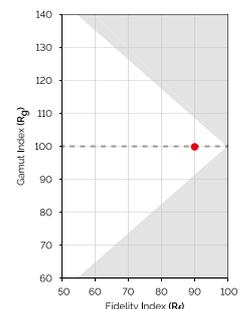
Iluminancia  
Illuminance



Vector gráfico de color  
Color vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de Ø42 mm y 3000K. / Photometric test conducted on a Ø42 mm and 3000K luminaire.

**LSI** TECSOLED

[www.tecsoled.com](http://www.tecsoled.com)