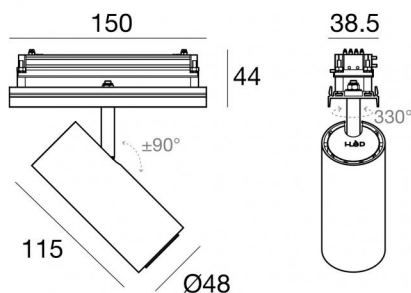




Sistemas - Elementos lineales | 1 arrayLED 13 W DC 24 V | CRI 90  
83730N15



| Datos técnicos  |                               |
|---|-------------------------------|
| Tipo  | Sistemas - Elementos lineales |
| Ambiente de instalación                                   | Interiores                    |
| Fuente de luz   | LED                           |
| Circuit structure   | arrayLED                      |
| Óptica  | Spot                          |
| Light emission direction                                  | frontal                       |
| Potencia nominal  | 13 W DC                       |
| Flujo luminoso (fuente)                                   | 1660 lm                       |
| Rango de voltaje de entrada                               | 24 V                          |
| CCT / Tone  | 4000 K                        |
| Índice de rendimientos cromático                          | 90 Ra                         |
| C.C. / C.V.   | CV                            |
| Clase de aislamiento                                      | 3                             |
| IP  | IP20                          |
| Test del hilo incandescente                               | 850°                          |
| Montaje directo sobre superficies normalmente inflamables | No                            |
| CE  | Sí                            |
| Driver incluido.  | No                            |
| C.V. - C.C. Converter                                     | Convertidor 24V incluido      |
| Artículo regulable  | DALI                          |
| Orientabilidad  | Orientabile                   |
| ángulo total (plano vertical)                             | 330 °                         |
| ángulo total (plano horizontal)                           | 90 °                          |
| Basculación   | No                            |
| Practicabilidad   | No                            |
| Transitabilidad   | No                            |
| Cable incluido.   | No                            |
| Resinado  | No                            |
| Tipología de emisión luminosa                             | Una emisión                   |
| Peso neto   | 0.326 Kg                      |
| Protección descargas electrostáticas                      | No                            |
| Protección contra sobretensiones                          | No                            |

| Acabado cuerpo  |                                |
|-----------------|--------------------------------|
| Material        | Aluminio fundido EN AB - 46100 |
| Color           | Blanco                         |
| Elaboración     | Recubrimiento en polvo         |
| Acabado difusor |                                |
| Material        | PMMA                           |
| Color           | transparente                   |
| Acabado montura |                                |
| Material        | Aluminio fundido EN AB - 46100 |
| Color           | Blanco                         |
| Elaboración     | Recubrimiento en polvo         |

## Sistemas - Elementos lineales | 1 arrayLED 13 W DC 24 V | CRI 90 83730N15

Single emission systems or lines for indoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1660 lm, with a 127.7 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of powder coating; the diffuser is made of pmma; the mounting frame is made of die-cast aluminium en ab - 46100, with a white finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.326 kg.

The total absorbed power is 13 W.

The device features protection class III.

Compliant with the EN 60598-1 standard and its specific provisions.

### Clase de eficiencia energética

Este producto contiene una fuente de luz de clase de eficiencia energética E.

### Características Luminotécnicas

|  |                |
|--|----------------|
| Light Output Ratio (LOR)               | 55 %           |
| Flujo luminoso (fuente)                | 1660 lm        |
| Flujo luminoso de luminaria            | 914 lm         |
| Consumption                            | 12 W           |
| Rendimiento luminoso de las luminarias | 76 lm/W        |
| Temperatura de color                   | 4000 K         |
| Standard Deviation of Colour Matching  | 2 Step MacAdam |
| Índice de rendimientos cromático       | 90 Ra          |

Temperatura estándar del ambiente de servicio -20 / +50°C

Temperatura típica sobre el vidrio 40°C

### LED Life / Failure Ratio

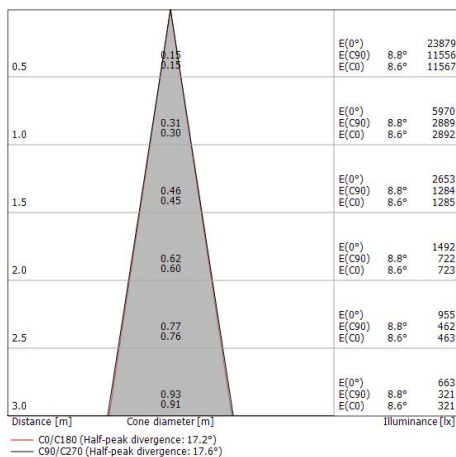
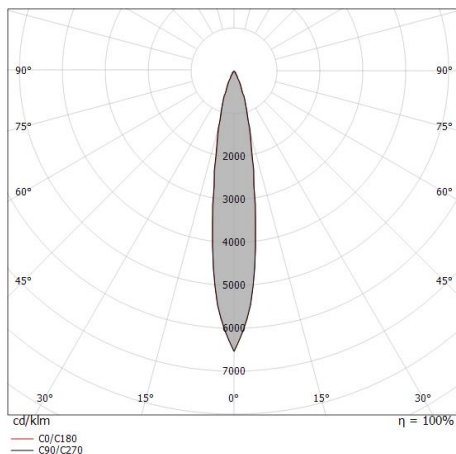
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 15.4     |
| UGR transversal   | 15.3     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

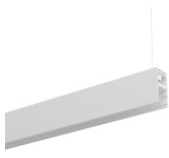
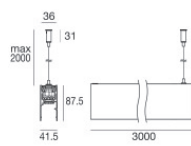

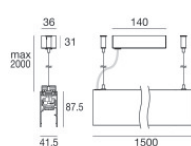
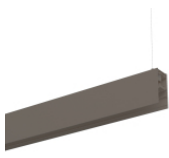
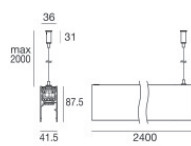
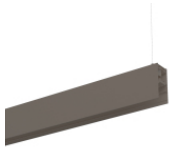
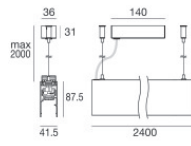








|                             |             |
|-----------------------------|-------------|
| Óptica C0/C180              | 17°         |
| Light distribution simmetry | Symmetrical |





Sistemas - Elementos lineales | 1 arrayLED 13 W DC 24 V | CRI 90  
**83730N15**

## Components

|  |   |                                      |  |
|--|---|--------------------------------------|--|
|    |    | <p>Modus_MP Slave</p>                | <p><b>Code</b><br/>             83786 - 83716 - 83718 - 83788 - 83787 -<br/>             83789 - 83717 - 83719</p>   |
|    |    | <p>Modus_MP Master</p>               | <p><b>Code</b><br/>             83783 - 83782 - 83785 - 83714 - 83712 -<br/>             83715 - 83784 - 83713</p>   |
|   |   | <p>Modus_MP Slave Dynamic-White</p>  | <p><b>Code</b><br/>             83797 - 83796 - 83798 - 83795 - 83847 -<br/>             83846 - 83849 - 83848</p>   |
|  |  | <p>Modus_MP Master Dynamic-White</p> | <p><b>Code</b><br/>             83794 - 83793 - 83792 - 83791 - 83842 -<br/>             83845 - 83843 - 83844</p>   |
|  |  | <p>Modus_MC Master</p>               | <p><b>Code</b><br/>             C00166WHEZZ - C00167WHEZZ -<br/>             C00168WHEZZ - C00169WHEZZ</p>   |
|  |  | <p>Modus_MS Slave</p>                | <p><b>Code</b><br/>             C00069BUEZZ - C00069WHEZZ -<br/>             C00070BUEZZ - C00070WHEZZ -<br/>             C00071BUEZZ - C00071WHEZZ -<br/>             C00072BUEZZ - C00072WHEZZ</p> |
|  |  | <p>Modus_MC</p>                      | <p><b>Code</b><br/>             C00170WHEZZ - C00171WHEZZ -<br/>             C00172WHEZZ - C00173WHEZZ</p>   |
|  |  | <p>Modus_MS Master</p>               | <p><b>Code</b><br/>             C00065BUEZZ - C00065WHEZZ -<br/>             C00066BUEZZ - C00066WHEZZ -<br/>             C00067BUEZZ - C00067WHEZZ -<br/>             C00068BUEZZ - C00068WHEZZ</p> |






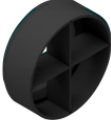




Sistemas - Elementos lineales | 1 arrayLED 13 W DC 24 V | CRI 90  
**83730N15**

## Components

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|   |  |                                     |
|---|--|-------------------------------------|
|    | <p>Óptica<br/>Distribución de la luz: spot,Material de revestimiento: policarbonato resistente a los rayos uv</p>  | <p><b>Code</b><br/><u>99805</u></p> |
|    | <p>Óptica<br/>Distribución de la luz: medium flood,Material de revestimiento: ,policarbonato resistente a los rayos uv,policarbonato resistente a los rayos uv,policarbonato resistente a los rayos uv</p> | <p><b>Code</b><br/><u>99806</u></p> |
|   | <p>Óptica<br/>Distribución de la luz: flood,Material de revestimiento: ,policarbonato resistente a los rayos uv,policarbonato resistente a los rayos uv,policarbonato resistente a los rayos uv</p>        | <p><b>Code</b><br/><u>99807</u></p> |
|  | <p>Difusor<br/>Tipo de difusor: filtro ellittico.<br/>Material:Pom-C, color:Negro.</p>   | <p><b>Code</b><br/><u>99775</u></p> |
|  | <p>antideslumbramiento<br/>Tipo antideslumbrante: louvre de nido de abeja.<br/>Material:Pom-C, color:Negro.</p>  | <p><b>Code</b><br/><u>99776</u></p> |
|  | <p>antideslumbramiento<br/>Tipo antideslumbrante: frangiluce a croce.<br/>Material:Pom-C, color:Negro.</p>   | <p><b>Code</b><br/><u>99777</u></p> |
|  | <p>antideslumbramiento<br/>Tipo antideslumbrante: schermo cilindrico.<br/>Material:Pom-C, color:Negro.</p>   | <p><b>Code</b><br/><u>99774</u></p> |
|  | <p>antideslumbramiento<br/>Tipo antideslumbrante: schermo cilindrico 45°.<br/>Material:Pom-C, color:Negro.</p>   | <p><b>Code</b><br/><u>99773</u></p> |