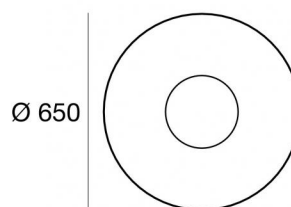
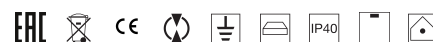


Plafón | 220-240 V  
topLED 29 W DC - 34 W AC | CRI 80  
**90284**



| Datos técnicos                                            |                |
|-----------------------------------------------------------|----------------|
| Tipo                                                      | Superficie     |
| Posición de instalación                                   | Techo          |
| Ambiente de instalación                                   | Indoor         |
| Fuente de luz                                             | LED            |
| Circuit structure                                         | topLED         |
| Óptica                                                    | Difusa         |
| Light emission direction                                  | downward       |
| Potencia nominal                                          | 29 W DC        |
| Poder total                                               | 34 W           |
| Flujo luminoso (fuente)                                   | 3652 lm        |
| Tensión nominal de entrada                                | 220 - 240 V AC |
| Rango de voltaje de entrada                               | 220 - 240 V AC |
| Frequency                                                 | 60 - 50 Hz     |
| CCT / Tone                                                | 3000 K         |
| Índice de rendimientos cromático                          | 80 Ra          |
| C.C. / C.V.                                               | AC             |
| Clase de aislamiento                                      | 1              |
| IP                                                        | IP40           |
| Test del hilo incandescente                               | 650°           |
| Montaje directo sobre superficies normalmente inflamables | Sí             |
| CE                                                        | Sí             |
| Driver incluido.                                          | driver         |
| Artículo regulable                                        | No             |
| Orientabilidad                                            | No             |
| Basculación                                               | No             |
| Practicabilidad                                           | No             |
| Transitabilidad                                           | No             |
| Cable incluido.                                           | No             |
| Resinado                                                  | No             |
| Tipología de emisión luminosa                             | Dos emisiones  |
| Peso neto                                                 | 4.850 Kg       |
| Protección descargas electrostáticas                      | No             |
| Protección contra sobretensiones                          | No             |

| Acabado Acabado cuerpo  |                            |
|-------------------------|----------------------------|
| Material                | Hierro                     |
| Color                   | Polished (galvanic) chrome |
| Elaboración             | Galvanostegia              |
| Acabado Acabado difusor |                            |
| Material                | vidrio                     |
| Color                   | blanco                     |
| Elaboración             | Arenado                    |
| Acabado Acabado montura |                            |
| Material                | Hierro                     |
| Color                   | Text white RAL9003         |
| Elaboración             | Pintura                    |

Plafón | 220-240 V | topLED 29 W DC - 34 W AC | CRI 80  
**90284**

Double emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 1 topLEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 3652 lm, with a 125.9 lm/W nominal luminous efficacy.

The device body is made of iron and features a polished (galvanic) chrome finish, processed by means of electroplating; the diffuser is made of glass with a sandblasting treatment; the mounting frame is made of iron, with a text white ral9003 finish, processed by means of coating.

The ingress protection degree is IP40; the total weight is of 4.850 kg.

The total absorbed power is 34 W

The device features protection class I and can be ceiling-mounted.

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)                      | 62 %    |
| Flujo luminoso (fuente)                       | 3652 lm |
| Flujo luminoso de luminaria                   | 2270 lm |
| Consumption                                   | 34 W    |
| Rendimiento luminoso de las luminarias        | 66 lm/W |
| Temperatura de color                          | 3000 K  |
| Índice de rendimientos cromático              | 80 Ra   |
| Temperatura de unión (luminaria)              | 80      |
| Temperatura estándar del ambiente de servicio | 25°C    |

## LED Life / Failure Ratio

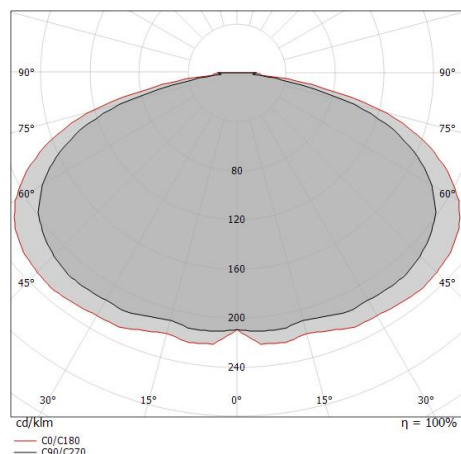
L70 B20 C0 72500h

## UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 17       |
| UGR transversal   | 18       |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

## OPTICAL

|                             |                     |
|-----------------------------|---------------------|
| Óptica C90/C270             | 148°                |
| Óptica C0/C180              | 152°                |
| Light distribution simmetry | Symmetrical 2 assis |



| Distance [m] | Cone diameter [m] | Illuminance [lx] | E(0°)<br>E(C90)<br>E(C0) | 1902<br>21<br>15 |
|--------------|-------------------|------------------|--------------------------|------------------|
| 0.5          | 3.44<br>4.01      |                  | 73.8°<br>76.0°           |                  |
| 1.0          | 6.88<br>8.02      |                  | 73.8°<br>76.0°           | 475<br>5<br>4    |
| 1.5          | 10.33<br>12.03    |                  | 73.8°<br>76.0°           | 211<br>2<br>2    |
| 2.0          | 13.77<br>16.04    |                  | 73.8°<br>76.0°           | 119<br>1<br>1    |
| 2.5          | 17.21<br>20.05    |                  | 73.8°<br>76.0°           | 76<br>1<br>1     |
| 3.0          | 20.65<br>24.06    |                  | 73.8°<br>76.0°           | 53<br>1<br>0     |

— C0/C180 (Half-peak divergence: 152.0°)  
— C90/C270 (Half-peak divergence: 147.6°)