



Plafón | 176-264 V  
1 arrayLED 7.3 W DC - 9 W AC | CRI 90  
**76089N50**



| Datos técnicos  |                               |
|---|-------------------------------|
| Tipo  | Superficie                    |
| Posición de instalación                                   | Techo                         |
| Ambiente de instalación                                   | Interiores                    |
| Fuente de luz   | LED                           |
| Circuit structure   | arrayLED                      |
| Óptica  | Wide Flood                    |
| Light emission direction                                  | downward                      |
| Potencia nominal  | 7.3 W DC                      |
| Poder total   | 9 W                           |
| Flujo luminoso (fuente)                                   | 1191 lm                       |
| Tensión nominal de entrada                                | 220 - 240 V AC                |
| Rango de voltaje de entrada                               | 176 - 264 V AC                |
| Frequency   | 50 - 60 Hz                    |
| CCT / Tone  | 4000 K                        |
| Índice de rendimientos cromático                          | 90 Ra                         |
| C.C. / C.V.   | AC                            |
| Clase de aislamiento                                      | 2                             |
| IP  | IP40                          |
| IP vano óptico  | IP65                          |
| IK  | IK05                          |
| Test del hilo incandescente                               | 850°                          |
| 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                             | Una emisión                   |
| Peso neto   | 0.70 Kg                       |
| Protección descargas electrostáticas                      | Sí                            |
| Protección contra sobretensiones                          | 0.5 KV                        |
| Tecnología óptica   | Ottica arretrata<br>low glare |

| Acabado cuerpo  |  |
|-----------------|--|
| Material        | Aluminio 6060 - Aluminio 6060            |
| Color           | Negro - dorado                           |
| Elaboración     | Recubrimiento en polvo - Pintura líquida |
| Acabado difusor |  |
| Material        | Vidrio extra claro                       |
| Color           | transparente                             |



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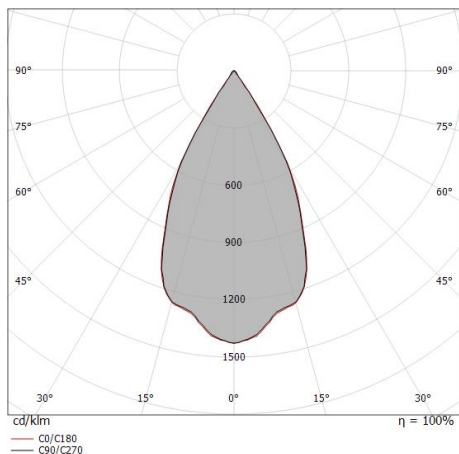
Single emission ceiling downlights for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1191 lm, with a 163.2 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a gold finish, processed by means of liquid painting. The device body is made of aluminium 6060 and features a black finish, processed by means of powder coating; the diffuser is made of extra clear glass. The ingress protection degree is IP40; the total weight is of 0.70 kg.

The total absorbed power is 9 W.

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

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



| Distance [m] | Cone diameter [m] | illuminance [lx]                                    |
|--------------|-------------------|---|
| 0.5          | 0.51<br>0.52      | E(0°) 4595<br>E(C90) 27.1° 1622<br>E(C0) 27.4° 1615 |
| 1.0          | 1.02<br>1.04      | E(0°) 1149<br>E(C90) 27.1° 406<br>E(C0) 27.4° 404   |
| 1.5          | 1.54<br>1.56      | E(0°) 511<br>E(C90) 27.1° 180<br>E(C0) 27.4° 179    |
| 2.0          | 2.05<br>2.07      | E(0°) 287<br>E(C90) 27.1° 101<br>E(C0) 27.4° 101    |
| 2.5          | 2.56<br>2.59      | E(0°) 184<br>E(C90) 27.1° 65<br>E(C0) 27.4° 65      |
| 3.0          | 3.07<br>3.11      | E(0°) 128<br>E(C90) 27.1° 45<br>E(C0) 27.4° 45      |

— C0/C180 (Half-peak divergence: 54.8°)  
— C90/C270 (Half-peak divergence: 54.2°)

### Clase de eficiencia energética

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

### Características Luminotécnicas

|   |                |
|---|----------------|
| Light Output Ratio (LOR)                      | 67 %           |
| Flujo luminoso (fuente)                       | 1191 lm        |
| Flujo luminoso de luminaria                   | 805 lm         |
| Consumption                                   | 9 W            |
| Rendimiento luminoso de las luminarias        | 89 lm/W        |
| Temperatura de color                          | 4000 K         |
| Standard Deviation of Colour Matching         | 2 Step MacAdam |
| Índice de rendimientos cromático              | 90 Ra          |
| Colour Rendering Index                        | 60 R9          |
| Black Body Locus                              | On             |
| Temperatura estándar del ambiente de servicio | -20 / +50°C    |
| Temperatura típica sobre el vidrio            | 35°C           |

### LED Life / Failure Ratio

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

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 15.8     |
| UGR transversal   | 15.9     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                |     |
|----------------|-----|
| Óptica C0/C180 | 54° |
| Symmetrical    |     |

