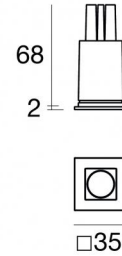




Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90
C01241BBWML



30

| Datos técnicos | |
|---|--------------|
| Posición de instalación | Techo |
| Ambiente de instalación | Interiores |
| Fuente de luz | LED |
| Circuit structure | powerLED |
| Óptica | Flood |
| Light emission direction | downward |
| Potencia nominal | 3 W DC |
| Flujo luminoso (fuente) | 402 lm |
| Rango de voltaje de entrada | 1000mA |
| CCT / Tone | 3000 K |
| Índice de rendimientos cromático | 90 Ra |
| C.C. / C.V. | CC |
| Clase de aislamiento | 3 |
| IP | IP44 |
| IP vano óptico | IP65 |
| Test del hilo incandescente | 850° |
| Montaje directo sobre superficies normalmente inflamables | Sí |
| CE | Sí |
| Driver incluido. | No |
| Artículo regulable | DALI - 1-10V |
| Orientabilidad | No |
| Basculación | No |
| Practicabilidad | No |
| Transitabilidad | No |
| Cable incluido. | Sí |
| Largo del cable | 0.170 m |
| Resinado | No |
| Tipología de emisión luminosa | Una emisión |
| Peso neto | 0.047 Kg |
| Protección descargas electrostáticas | No |
| Protección contra sobretensiones | No |
| Tecnología óptica | F.O.L. |
| Características tecnológicas del producto | TVS |

Acabado cuerpo

| | |
|-------------|--------------------------------|
| Material | Aluminio fundido EN AB - 46100 |
| Color | Negro |
| Elaboración | Recubrimiento en polvo |

Acabado difusor

| | |
|----------|---|
| Material | Policarbonato resistente a los rayos UV |
| Color | transparente |

Acabado radiador

| | |
|-------------|--------------------------------|
| Material | Aluminio fundido EN AB - 46100 |
| Elaboración | Pulido |

Electrónica



C-E100034
 Push and Simply Dim - DALI-2 Controller (4 - 12 art.)



C-E100033
 On/Off Driver 198~264V AC / 180~280V DC (4 - 12 art.)



C-E100046
 On/Off Driver 100~264V AC / 176~264V DC (1 - 6 art.)



C-E100047
 Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

Cables Electrificación

| | |
|-----------------|----|
| Cable connector | No |
|-----------------|----|

Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90 C01241BBWML

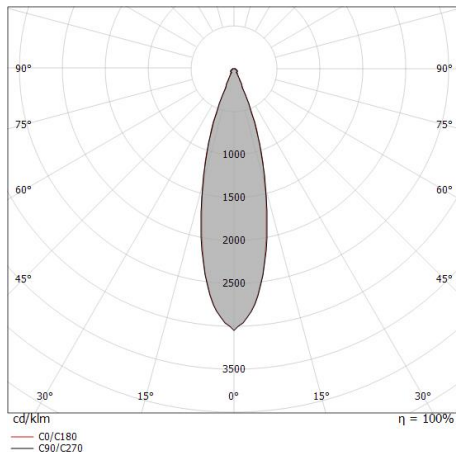
Single emission recessed downlights for indoor application. The warm white LED light source with a flood light distribution is composed of 1 powerLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 402 lm, with a 134.0 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.047 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 3 W. The power supply cable is included and features a 0.170 m length.

The device features protection class III and can be ceiling-mounted, with a 30 mm diameter hole (in plasterboard).

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



| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|-------|--------|-------|
| 0.5 | 0.25 0.25 | 1635 | 747 | 750 |
| 1.0 | 0.51 0.50 | 409 | 187 | 187 |
| 1.5 | 0.76 0.75 | 182 | 83 | 83 |
| 2.0 | 1.01 1.00 | 102 | 47 | 47 |
| 2.5 | 1.27 1.25 | 65 | 30 | 30 |
| 3.0 | 1.52 1.50 | 45 | 21 | 21 |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 28.0°)
— C90/C270 (Half-peak divergence: 28.4°)

Clase de eficiencia energética

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

Características Luminotécnicas

| | |
|--|----------------|
| Light Output Ratio (LOR) | 33 % |
| Flujo luminoso (fuente) | 402 lm |
| Flujo luminoso de luminaria | 134 lm |
| Consumption | 2,0 W |
| Rendimiento luminoso de las luminarias | 67 lm/W |
| Temperatura de color | 3000 K |
| Standard Deviation of Colour Matching | 3 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 B20 C0 214455h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 24.5 |
| UGR transversal | 24.6 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Óptica C0/C180 | 28° |
| Light distribution simmetry | Symmetrical |