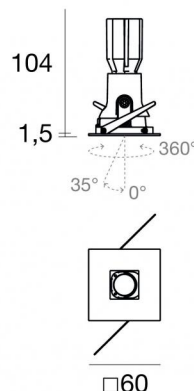




Downlights | 1 x powerLED 4 W DC 350 mA | CRI 90
80479N15



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| Datos técnicos | |
|---|---------------------|
| Posición de instalación | Techo |
| Ambiente de instalación | Interiores |
| Fuente de luz | LED |
| Circuit structure | powerLED |
| Óptica | Spot |
| Light emission direction | downward |
| Potencia nominal | 4 W DC |
| Flujo luminoso (fuente) | 449 lm |
| Rango de voltaje de entrada | 350mA |
| CCT / Tone | 4000 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 | Sí |
| ángulo total (plano horizontal) | 360 ° |
| ángulo total (plano vertical) | 35 ° |
| Practicabilidad | No |
| Transitabilidad | No |
| Cable incluido. | Sí |
| Largo del cable | 0.170 m |
| Resinado | No |
| Tipología de emisión luminosa | Una emisión |
| Peso neto | 0.128 Kg |
| Protección descargas electrostáticas | No |
| Protección contra sobretensiones | No |
| Tecnología óptica | F.O.L. - Honey comb |
| 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 brida


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


Acabado radiador

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

Electrónica

 89145
On/Off Driver 198~264V AC / 180~275V DC (1 art.)

 99375
On/Off Driver 198~264V AC (2 - 3 art.)

 C-E100010
1-10V - 0-10V Controller (1 art.)

 C-E100011
Push and Simply Dim - DALI-2 Controller (1 art.)

Cables Electrificación

Cable connector No

Downlights | 1 x powerLED 4 W DC 350 mA | CRI 90 80479N15

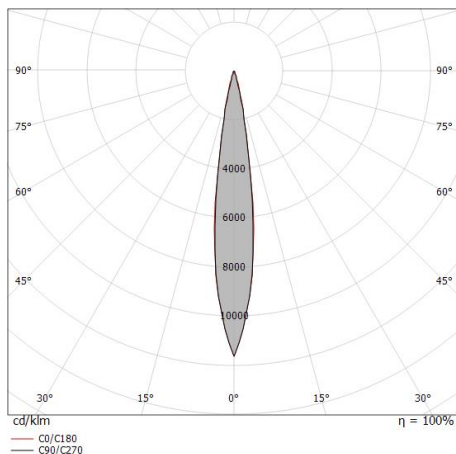
Single emission recessed downlights for indoor application. The natural white LED light source with a spot light distribution is composed of 1 powerLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 449 lm, with a 112.3 lm/W nominal luminous efficacy.

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 0.128 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 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 56 mm diameter hole (in plasterboard) with an outer casing, code 89374(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.13 0.11 | E(0°) 10161 E(C90) 7.4° 5045 E(C0) 7.6° 4997 |
| 1.0 | 0.26 0.27 | E(0°) 2540 E(C90) 7.4° 1261 E(C0) 7.6° 1249 |
| 1.5 | 0.39 0.40 | E(0°) 1129 E(C90) 7.4° 561 E(C0) 7.6° 555 |
| 2.0 | 0.52 0.53 | E(0°) 635 E(C90) 7.4° 315 E(C0) 7.6° 312 |
| 2.5 | 0.65 0.67 | E(0°) 406 E(C90) 7.4° 202 E(C0) 7.6° 200 |
| 3.0 | 0.78 0.80 | E(0°) 282 E(C90) 7.4° 140 E(C0) 7.6° 139 |

— C0/C180 (Half-peak divergence: 15.2°)
— C90/C270 (Half-peak divergence: 14.8°)

Clase de eficiencia energética

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

Características Luminotécnicas

| | |
|---|----------------|
| Light Output Ratio (LOR) | 48 % |
| Flujo luminoso (fuente) | 449 lm |
| Flujo luminoso de luminaria | 219 lm |
| Consumption | 4 W |
| Rendimiento luminoso de las luminarias | 54 lm/W |
| Temperatura de color | 4000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Índice de rendimientos cromático | 90 Ra |
| Black Body Locus | On |
| Temperatura estándar del ambiente de servicio | -20 / +50°C |
| Temperatura típica sobre el vidrio | 40°C |

LED Life / Failure Ratio

L70 B10 C0 247450h (at Tj 60 Ta 25)

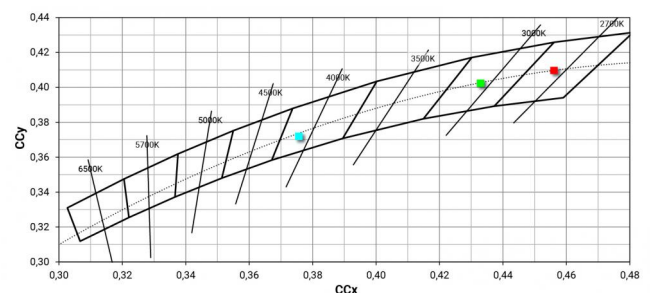
UGR

| | |
|-------------------|----------|
| UGR axial | 13.7 |
| UGR transversal | 13.5 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Óptica C0/C180 | 15° |
| Light distribution simmetry | Symmetrical |

COLOR VECTOR GRAPHIC



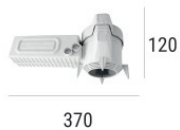


Vos_QJ | Downlights | Accessories
80479N15



Caja de empotrar
posición de instalación: techo; tipo instalación: albañilería L=200mm, H=113mm,
D=137mm.
Material:polipropileno, color:blanco.

Code
89373



Caja de empotrar
posición de instalación: techo; tipo instalación: albañilería L=370mm, H=120mm,
D=200mm.
Material:polipropileno, color:blanco.

Code
89374