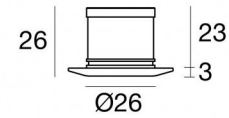




Downlights | 1 x powerLED 1 W DC 350 mA | CRI 90
C00269CHNWF



Technical data

| | |
|--|------------------------|
| Type | Encasement with flange |
| Installation position | Wall lights - Ceiling |
| Installation environment | Indoor |
| Light Source | LED |
| Circuit structure | powerLED |
| Optics | Wide Flood |
| Light emission direction | downward |
| Nominal power | 1 W DC |
| Source lumens | 165 lm |
| Input voltage range | 350mA |
| CCT / Tone | 4000 K |
| Colour rendering index | 90 Ra |
| C.C. / C.V. | CC |
| Safety class | 3 |
| IP | IP44 |
| Glow wire test | 850° |
| Direct mounting on normally flammable surfaces | Yes |
| CE | Yes |
| Driver included | No |
| Dimmable article | DALI - 1-10V |
| Directional | No |
| Tilting | No |
| Walk-over | No |
| Drive-over | No |
| Cable included | Yes |
| Cable length | 0.12 m |
| Resin potting | Yes |
| Type of light emission | Single emission |
| Net weight | 0.058 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |

Finishing casing

| | |
|------------|----------------|
| Material | Brass |
| Colour | chrome |
| Processing | Electroplating |

Electronics

| | |
|---|---|
|  | 89144 On/Off Driver 198~264V AC / 180~275V DC (1 - 2 art.) |
|  | 89145 On/Off Driver 198~264V AC / 180~275V DC (3 - 6 art.) |
|  | 99375 On/Off Driver 198~264V AC (6 - 12 art.) |
|  | C-E100010 1-10V - 0-10V Controller (3 - 4 art.) |
|  | C-E100011 Push and Simply Dim - DALI-2 Controller (3 - 4 art.) |

Downlights | 1 x powerLED 1 W DC 350 mA | CRI 90 | Base C00269CHNWF

Single emission recessed downlights for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 powerLED LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 165 lm, with a 165.0 lm/W nominal luminous efficacy.

The device body is made of brass and features a chrome finish, processed by means of electroplating. The ingress protection degree is IP44; the total weight is of 0.058 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 1 W. The power supply cable is included and features a 0.12 m length.

The device features protection class III and can be wall lights or ceiling-mounted, with a 29 mm diameter hole (in plasterboard) with an outer casing, code 84915(for concrete or masonry).

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

Energy efficiency class

This product contains a light source of energy efficiency class E.

Illuminotechnical Features

| | |
|--|----------------|
| Light Output Ratio (LOR) | 75 % |
| Source lumens | 165 lm |
| Delivered lumens | 124 lm |
| Consumption | 1,0 W |
| Luminaire efficacy | 124 lm/W |
| Colour temperature | 4000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index | 90 Ra |
| Standard Operating Ambient Temperature | -20 / +50°C |
| Ordinary temperature on the glass | 40°C |

LED Life / Failure Ratio

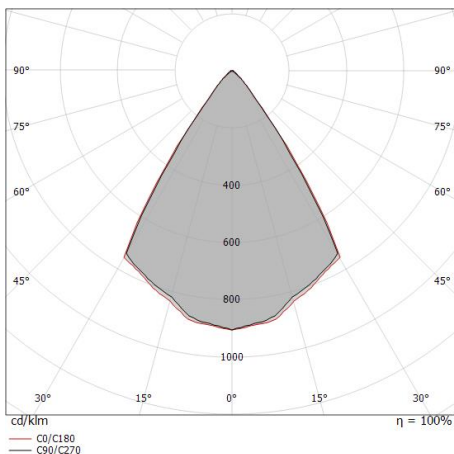
L70 B20 C0 214455h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 22.7 |
| UGR transversal | 22.9 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 68° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|-------------------|-------|--------|-------|
| 0.5 | 0.67 0.68 | 449 129 127 | 33.8° | 33.8° | 34.2° |
| 1.0 | 1.34 1.36 | 112 32 32 | 33.8° | 33.8° | 34.2° |
| 1.5 | 2.01 2.04 | 50 14 14 | 33.8° | 33.8° | 34.2° |
| 2.0 | 2.68 2.72 | 28 8 8 | 33.8° | 33.8° | 34.2° |
| 2.5 | 3.35 3.40 | 18 5 5 | 33.8° | 33.8° | 34.2° |
| 3.0 | 4.02 4.08 | 12 4 4 | 33.8° | 33.8° | 34.2° |

— C0/C180 (Half-peak divergence: 68.4°)
— C90/C270 (Half-peak divergence: 67.6°)



Outer casing

installation position: ceiling; type of installation: masonry L=42mm, H=35mm, D=35mm.

Material:ABS Plastic, colour:black.

Code

84336



Outer casing

installation position: wall lights; type of installation: masonry L=49mm, H=60mm, D=60mm.

Material:ABS Plastic, colour:black.

Code

84915