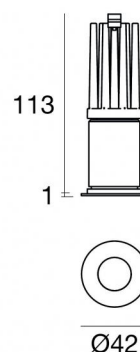




Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80
C00117BBWUS



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| Technical data | |
|--|------------------------|
| Type | Encasement with flange |
| Installation position | Ceiling |
| Installation environment | Indoor |
| Light Source | LED |
| Circuit structure | powerLED |
| Optics | Ultra Spot |
| Light emission direction | downward |
| Nominal power | 2 W DC |
| Source lumens | 186 lm |
| Input voltage range | 630mA |
| CCT / Tone | 3000 K |
| Colour rendering index | 80 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 | 0.17 m |
| Resin potting | No |
| Type of light emission | Single emission |
| Net weight | 0.11 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |


| Finishing casing | |
|------------------|----------------|
| Material | Aluminium 6026 |
| Colour | Black |
| Processing | Powder coating |


| Finishing diffuser | |
|--------------------|----------------------------|
| Material | UV Resistant Polycarbonate |
| Colour | transparent |


| Finishing radiator | |
|--------------------|--------------------|
| Material | Die-cast Aluminium |
| Colour | Aluminium |
| Processing | Tumbling |


Electronics


 89147
On/Off Driver 198-264V AC / 180-275V DC

 99105
On/Off Driver 198-264V AC

 99374
On/Off Driver 198-264V AC / 176-275V DC 75 W

 99710
1-10V Converter 24V DC

 99713
DALI Converter 24V DC

 99376
On/Off Driver 198-264V AC



Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80 | Base C00117BBWUS

Single emission recessed downlights for indoor application. The warm white LED light source with a ultra spot light distribution is composed of 1 powerLEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 186 lm, with a 93.0 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 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 0.11 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 2 W. The power supply cable is included and features a 0.17 m length.

The device features protection class III and can be ceiling-mounted, with a 35 mm diameter hole (in plasterboard).

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

Energy efficiency class

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

Illuminotechnical Features

| | |
|--|---------------|
| Light Output Ratio (LOR) | 59 % |
| Source lumens | 186 lm |
| Delivered lumens | 110 lm |
| Consumption | 2,0 W |
| Luminaire efficacy | 55 lm/W |
| Colour temperature | 3000 K |
| Standard Deviation of Colour Matching | 1/16 ANSI BIN |
| Colour rendering index | 80 Ra |
| Standard Operating Ambient Temperature | -20 / +50°C |

LED Life / Failure Ratio

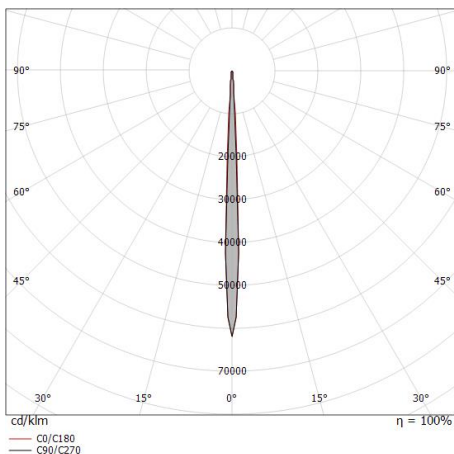
L70 B10 C0 78400h

UGR

| | |
|-------------------|----------|
| UGR axial | 18.1 |
| UGR transversal | 18.1 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 5° |
| Light distribution symmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.04 0.04 | E(0°) 27133 E(C90) 2.4° 14355 E(C0) 2.5° 13630 |
| 1.0 | 0.08 0.09 | E(0°) 6783 E(C90) 2.4° 3589 E(C0) 2.5° 3408 |
| 1.5 | 0.13 0.13 | E(0°) 3015 E(C90) 2.4° 1595 E(C0) 2.5° 1514 |
| 2.0 | 0.17 0.17 | E(0°) 1696 E(C90) 2.4° 897 E(C0) 2.5° 852 |
| 2.5 | 0.21 0.22 | E(0°) 1085 E(C90) 2.4° 574 E(C0) 2.5° 545 |
| 3.0 | 0.25 0.26 | E(0°) 754 E(C90) 2.4° 399 E(C0) 2.5° 379 |

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

— C0/C180 (Half-peak divergence: 5.0°)
— C90/C270 (Half-peak divergence: 4.8°)