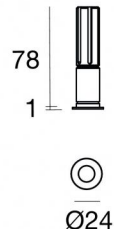




Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90
C01038BBNSP



20



| Technical data | |
|--|------------------------|
| Type | Encasement with flange |
| Installation position | Ceiling |
| Installation environment | Indoor |
| Light Source | LED |
| Circuit structure | powerLED |
| Optics | Spot |
| Light emission direction | downward |
| Nominal power | 3 W DC |
| Source lumens | 417 lm |
| Input voltage range | 1000mA |
| CCT / Tone | 4000 K |
| Colour rendering index | 90 Ra |
| C.C. / C.V. | CC |
| Safety class | 3 |
| IP | IP44 |
| Optical compartment IP | IP65 |
| 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 | 0.170 m |
| Resin potting | No |
| Type of light emission | Single emission |
| Net weight | 0.047 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |
| Optics technology | F.O.L. |
| Product technological characteristics | TVS |

Finishing casing

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

Finishing diffuser


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


Finishing radiator

| | |
|------------|-------------------|
| Material | Aluminium 6026 |
| Colour | Anodised Aluminum |
| Processing | 20 µm anodizing |

Electronics

 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 Electrification

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



Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90 | Base
C01038BBNSP

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 417 lm, with a 139.0 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 0.047 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 20 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 E.

Illuminotechnical Features

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 24 % |
| Source lumens | 417 lm |
| Delivered lumens | 101 lm |
| Consumption | 3 W |
| Luminaire efficacy | 33 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 | 16.5 |
| UGR transversal | 16.2 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 19° |
| Light distribution simmetry | Symmetrical |

