

Downlights | 1 x powerLED 10 W DC 800 mA | CRI 92



Walk-over Drive-over Cable included

Cable length

Resin potting Type of light emission

Surge protection

Optics technology

Electrostatic discharge protection

Product technological characteristics

| Technical data | | |
|--|------------------------|--|
| Туре | Encasement with flange | |
| Installation position | Ceiling | |
| Installation environment | Indoor | |
| Light Source | LED | |
| Circuit structure | powerLED | |
| Optics | Spot | |
| Light emission direction | downward | |
| Nominal power | 10 W DC | |
| Source lumens | 1108 lm | |
| Input voltage range | 800mA | |
| CCT / Tone | 4000 K | |
| Colour rendering index | 92 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 | |

Yes

No

No

F.O.L

TVS

0.170 m

Single emission 0.400 Kg









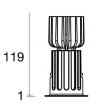














52

| Finishing | casing | |
|-----------|--------|--|
|-----------|--------|--|

Material Die-cast Aluminium EN AB - 46100

Colour

Processing Powder coating

Finishing diffuser

Material UV Resistant Polycarbonate

Colour transparent

Finishing radiator

Material Die-cast Aluminium EN AB - 46100

Colour Aluminium Polishing Processing

Electronics



99135

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



DALI - Push and Simply Dim Multi Power 198~264V AC / 176~275V DC (1 - 3 art.)



99735

Multi Power 198~264V AC / 180~275V DC (1 art.)



99733

1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)



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

| Cables Electrification | |
|------------------------|----|
| Cable connector | No |



Downlights | 1 x powerLED 10 W DC 800 mA | CRI 92 | Base **82877N15**

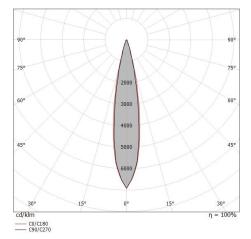
Single emission recessed downlights for indoor application. The natural white LED light source with a spot light distribution is composed of 1 powerled LEDs with CCT of 4000 K and a CRI 92; the source luminous flux is 1108 lm, with a 110.8 lm/W nominal luminous efficacy.

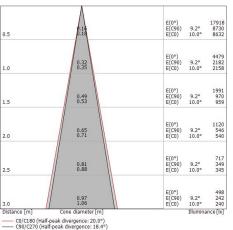
The device body is made of die-cast aluminium en ab - 46100 and features a gold finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.400 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 10 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 52 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) | 58 % |
| Source lumens | 1108 lm |
| Delivered lumens | 648 lm |
| Consumption | 10 W |
| Luminaire efficacy | 64 lm/W |
| Colour temperature | 4000 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Colour rendering index | 92 Ra |
| Black Body Locus | On |
| | |
| Standard Operating Ambient Temperature | -20 / +50°C |
| Ordinary temperature on the glass | 40°C |

LED Life / Failure Ratio

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

| UGR | |
|-------------------|----------|
| UGR axial | 18.2 |
| UGR transversal | 18.2 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

| OPTICAL | |
|-----------------------------|-------------|
| C0/C180 optics | 18° |
| Light distribution simmetry | Symmetrical |

COLOR VECTOR GRAPHIC

