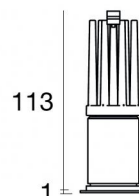




Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80
C00117BBMUS



Ø42



35

| Technische Daten | |
|---|--------------|
| Installationsposition | Decke |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Circuit structure | powerLED |
| Optik | Ultra Spot |
| Light emission direction | downward |
| Lampe Nennleistung | 2 W DC |
| Lichtstrom (Lichtquelle) | 174 lm |
| Eingangsspannungsbereich | 630mA |
| Ähnlichste Farbtemperatur / Tone | 2700 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | CC |
| Isolierklasse | 3 |
| IP | IP44 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| Leuchte dimmbar | DALI - 1-10V |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 0.17 m |
| Harzbeschichtung | Nein |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.11 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |

Oberfläche Gehäuse

| | |
|-----------------|--------------------|
| Material | Aluminium 6026 |
| Farbe | Schwarz |
| Bearbeitungstyp | Pulverbeschichtung |

Oberfläche Diffusor

| | |
|----------|----------------------------|
| Material | Polycarbonat UV-beständige |
| Farbe | transparent |

Oberfläche strahler

| | |
|-----------------|----------------------------|
| Material | Stranggepresstes Aluminium |
| Farbe | Aluminium |
| Bearbeitungstyp | Trommelung |

Elektronik



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
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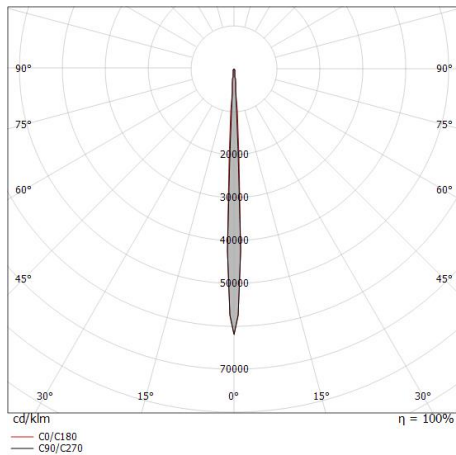
Single emission recessed downlights for indoor application. The super warm white LED light source with a ultra spot light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 174 lm, with a 87.0 lm/W nominal luminous efficacy.

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.



| Distance [m] | Cone diameter [m] | illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|------------------|-------|------------|------------|
| 0.5 | 0.04 0.04 | | 25316 | 2.4° 13394 | 2.5° 12717 |
| 1.0 | 0.08 0.09 | | 6329 | 2.4° 3348 | 2.5° 3179 |
| 1.5 | 0.13 0.13 | | 2813 | 2.4° 1488 | 2.5° 1413 |
| 2.0 | 0.17 0.17 | | 1582 | 2.4° 837 | 2.5° 795 |
| 2.5 | 0.21 0.22 | | 1013 | 2.4° 536 | 2.5° 509 |
| 3.0 | 0.25 0.26 | | 703 | 2.4° 372 | 2.5° 353 |

Distance [m] Cone diameter [m] illuminance [lx]

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

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|---------------|
| Light Output Ratio (LOR) | 59 % |
| Lichtstrom (Lichtquelle) | 174 lm |
| Leuchten Lichtstrom | 103 lm |
| Consumption | 2,0 W |
| Leuchten Lichtausbeute | 51 lm/W |
| Farbtemperatur | 2700 K |
| Standard Deviation of Colour Matching | 1/16 ANSI BIN |
| Farbwiedergabeindex | 80 Ra |
| Standardumgebungstemperatur | -20 / +50°C |

LED Life / Failure Ratio

L70 B10 C0 78400h

UGR

| | |
|-------------------|----------|
| UGR axial | 17.8 |
| UGR transversal | 17.8 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optik C0/C180 | 5° |
| Light distribution simmetry | Symmetrical |