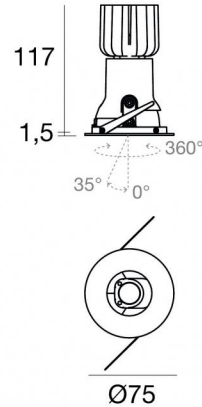




Downlights | 1 x powerLED 8 W DC 700 mA | CRI 90
81123N45



| Technische Daten | |
|---|-------------------|
| Installationsposition | Decke |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Circuit structure | powerLED |
| Optik | Medium Wide Flood |
| Light emission direction | downward |
| Lampe Nennleistung | 8 W DC |
| Lichtstrom (Lichtquelle) | 796 lm |
| Eingangsspannungsbereich | 700mA |
| Ähnlichste Farbtemperatur / Tone | 4000 K |
| Farbwiedergabeindex | 90 Ra |
| Gleichstrom/Gleichspannung | CC |
| Isolierklasse | 3 |
| IP | IP44 |
| IP optisches System | IP65 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| Leuchte dimmbar | DALI - 1-10V |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Ja |
| Gesamtwinkel (horizontale Ebene) | 360 ° |
| Gesamtwinkel (vertikale Ebene) | 35 ° |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 0.170 m |
| Harzbeschichtung | Nein |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.277 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Optiktechnologie | Honey comb |
| Technische Merkmale des Produkts | TVS |

Oberfläche Gehäuse

| | |
|-----------------|--|
| Material | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe | Schwarz |
| Bearbeitungstyp | Pulverbeschichtung |

Oberfläche Diffusor

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

Oberfläche flansch

| | |
|-----------------|--|
| Material | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe | Schwarz |
| Bearbeitungstyp | Pulverbeschichtung |

Oberfläche strahler

| | |
|-----------------|--|
| Material | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe | Aluminium |
| Bearbeitungstyp | Polieren |

Elektronik



99147
On/Off Driver 198-264V AC



99735
Multi Power 198-264V AC / 180-275V DC



99733
1-10V Multi Power 198-264V AC / 180-275V DC



C-E100012
Push and Simply Dim - DALI-2 Controller



C-E100016
Push and Simply Dim - DALI-2 Controller

Cables Electrification

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

Downlights | 1 x powerLED 8 W DC 700 mA | CRI 90 81123N45

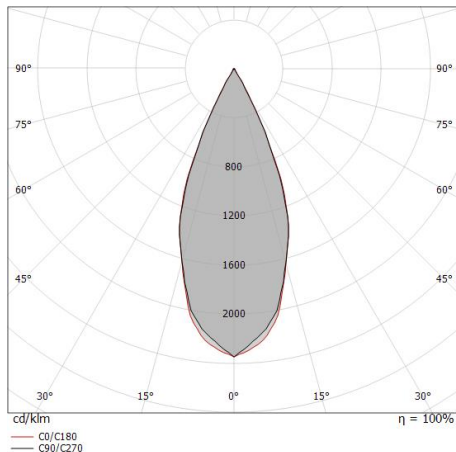
Single emission recessed downlights for indoor application. The natural white LED light source with a medium wide flood light distribution is composed of 1 powerLED LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 796 lm, with a 99.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 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 0.277 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 8 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 70 mm diameter hole (in plasterboard) with an outer casing, code 83064(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|---------------------------------------|
| 0.5 | 0.38 0.39 | E(0°) 1690 E(C90) 694 E(C0) 685 |
| 1.0 | 0.76 0.78 | E(0°) 422 E(C90) 174 E(C0) 171 |
| 1.5 | 1.15 1.16 | E(0°) 188 E(C90) 77 E(C0) 76 |
| 2.0 | 1.53 1.55 | E(0°) 106 E(C90) 43 E(C0) 43 |
| 2.5 | 1.91 1.94 | E(0°) 68 E(C90) 28 E(C0) 27 |
| 3.0 | 2.29 2.33 | E(0°) 47 E(C90) 19 E(C0) 19 |

— C0/C180 (Half-peak divergence: 42.4°)
— C90/C270 (Half-peak divergence: 41.8°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 22 % |
| Lichtstrom (Lichtquelle) | 796 lm |
| Leuchten Lichtstrom | 180 lm |
| Consumption | 8 W |
| Leuchten Lichtausbeute | 22 lm/W |
| Farbtemperatur | 4000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | 90 Ra |
| Black Body Locus | On |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

LED Life / Failure Ratio

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

UGR

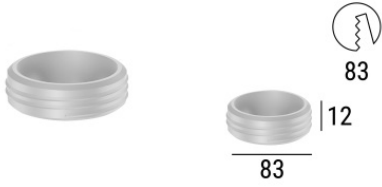
| | |
|-------------------|----------|
| UGR axial | 12.5 |
| UGR transversal | 12.4 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optik C0/C180 | 42° |
| Light distribution simmetry | Symmetrical |

COLOR VECTOR GRAPHIC





Einbaugehäuse

installationsposition: decke; typ installation: gipskarton L=83mm, H=12mm, D=83mm.

Material:Aluminium, farbe:Eloxiertes Aluminium, bearbeitungstyp :Eloxierung.

| Finish | Code |
|--------|-------|
| | 83064 |