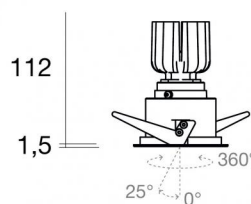




Downlights | 1 x powerLED 8 W DC 700 mA | CRI 90
81258N30



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Medium 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)	25 °
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.17 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.32 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	F.O.L.
Technische Merkmale des Produkts	TVS

Oberfläche Gehäuse

Material	Aluminium 6026
Farbe	Weiß
Bearbeitungstyp	Pulverbeschichtung

Oberfläche Diffusor

Material	Polycarbonat UV-beständige
Farbe	transparent

Oberfläche strahler

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Aluminium
Bearbeitungstyp	Polieren

Elektronik

- 
99147
On/Off Driver 198~264V AC (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.)

- 
C-E100012
Push and Simply Dim - DALI-2 Controller (1 art.)

- 
C-E100016
Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

Cables Electrification

Cable connector	No
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Single emission recessed downlights for indoor application. The natural white LED light source with a medium flood light distribution is composed of 1 powered 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 aluminium 6026 and features a white 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 0.32 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 0.17 m length.

The device features protection class III and can be ceiling-mounted, with a 70 mm diameter hole (in plasterboard).

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

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	60 %
Lichtstrom (Lichtquelle)	796 lm
Leuchten Lichtstrom	482 lm
Consumption	8 W
Leuchten Lichtausbeute	60 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

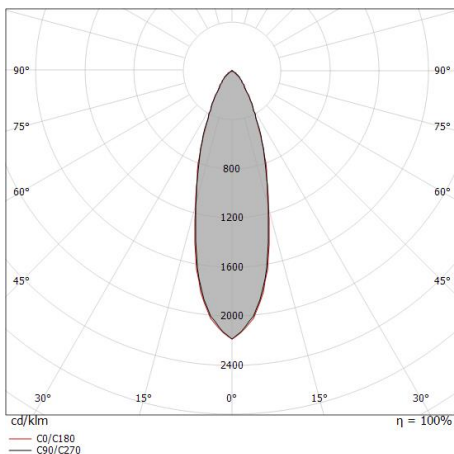
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

UGR axial	17.4
UGR transversal	17.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	31°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.28 0.28	E(0°) 4210 E(C90) 1891 E(C0) 1884
1.0	0.55 0.56	E(0°) 1053 E(C90) 473 E(C0) 471
1.5	0.83 0.84	E(0°) 468 E(C90) 210 E(C0) 209
2.0	1.11 1.12	E(0°) 263 E(C90) 118 E(C0) 118
2.5	1.39 1.41	E(0°) 168 E(C90) 76 E(C0) 75
3.0	1.66 1.69	E(0°) 117 E(C90) 53 E(C0) 52

— C0/C180 (Half-peak divergence: 31.4°)
 — C90/C270 (Half-peak divergence: 31.0°)

