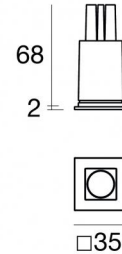




Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90  
**C01241WHMFL**



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Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Flood
Light emission direction	downward
Lampe Nennleistung	3 W DC
Lichtstrom (Lichtquelle)	358 lm
Eingangsspannungsbereich	1000mA
Ähnlichste Farbtemperatur / Tone	2700 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	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.170 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.047 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	F.O.L.
Technische Merkmale des Produkts	TVS

### Oberfläche Gehäuse

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Weiß
Bearbeitungstyp	Pulverbeschichtung


### Oberfläche Diffusor


Material	Polycarbonat UV-beständige
Farbe	transparent


### Oberfläche strahler

Material	Stranggepresstes Aluminium EN AB - 46100
Bearbeitungstyp	Trommelung

### Elektronik

 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
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## Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90 C01241WHMFL

Single emission recessed downlights for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 358 lm, with a 119.3 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 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 0.047 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 30 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)	40 %
Lichtstrom (Lichtquelle)	358 lm
Leuchten Lichtstrom	146 lm
Consumption	2,0 W
Leuchten Lichtausbeute	73 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

### LED Life / Failure Ratio

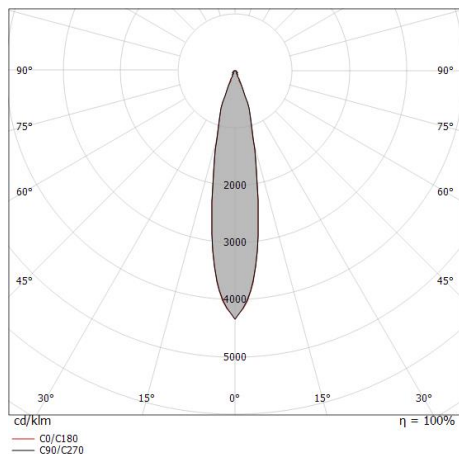
L70 B20 C0 214455h (at Tj 60 Ta 25 )

### UGR

UGR axial	24.5
UGR transversal	24.5
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Optik C0/C180	21°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.19 0.19	E(0°) 2532 E(C90) 1203 E(C0) 1206
1.0	0.37 0.37	E(0°) 633 E(C90) 301 E(C0) 302
1.5	0.56 0.56	E(0°) 281 E(C90) 134 E(C0) 134
2.0	0.75 0.74	E(0°) 158 E(C90) 75 E(C0) 75
2.5	0.94 0.93	E(0°) 101 E(C90) 48 E(C0) 48
3.0	1.12 1.11	E(0°) 70 E(C90) 33 E(C0) 34

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

— C0/C180 (Half-peak divergence: 21.0°)  
— C90/C270 (Half-peak divergence: 21.2°)