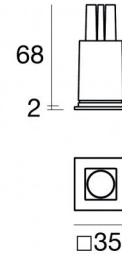




Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90
C01241BBWML



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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)	402 lm
Eingangsspannungsbereich	1000mA
Ähnlichste Farbtemperatur / Tone	3000 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	Schwarz
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 C01241BBWML

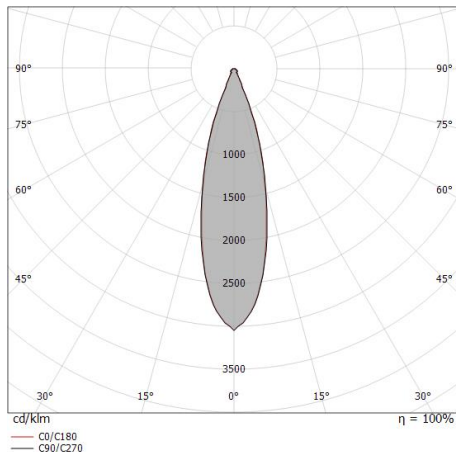
Single emission recessed downlights for indoor application. The warm white LED light source with a flood light distribution is composed of 1 powerLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 402 lm, with a 134.0 lm/W nominal luminous efficacy.

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 0.047 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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.25 0.25	E(0°) 1635 E(C90) 747 E(C0) 750
1.0	0.51 0.50	E(0°) 409 E(C90) 187 E(C0) 187
1.5	0.76 0.75	E(0°) 182 E(C90) 83 E(C0) 83
2.0	1.01 1.00	E(0°) 102 E(C90) 47 E(C0) 47
2.5	1.27 1.25	E(0°) 65 E(C90) 30 E(C0) 30
3.0	1.52 1.50	E(0°) 45 E(C90) 21 E(C0) 21

Distance [m] Cone diameter [m] illuminance [lx]
 — C0/C180 (Half-peak divergence: 28.0°)
 - - C90/C270 (Half-peak divergence: 28.4°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	33 %
Lichtstrom (Lichtquelle)	402 lm
Leuchten Lichtstrom	134 lm
Consumption	2,0 W
Leuchten Lichtausbeute	67 lm/W
Farbtemperatur	3000 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	24.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	28°
Light distribution simmetry	Symmetrical