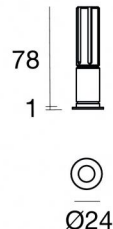




Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90
C01038WHNFL



20



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Flood
Light emission direction	downward
Lampe Nennleistung	3 W DC
Lichtstrom (Lichtquelle)	417 lm
Eingangsspannungsbereich	1000mA
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	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	Aluminium 6026
Farbe	Weiß
Bearbeitungstyp	Pulverbeschichtung

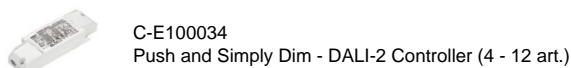
Oberfläche Diffusor

Material	Polycarbonat UV-beständige
Farbe	transparent

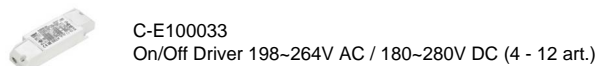
Oberfläche strahler

Material	Aluminium 6026
Farbe	Eloxiertes Aluminium
Bearbeitungstyp	Anodisierung 20 µm

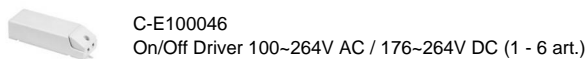
Elektronik



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
C01038WHNFL

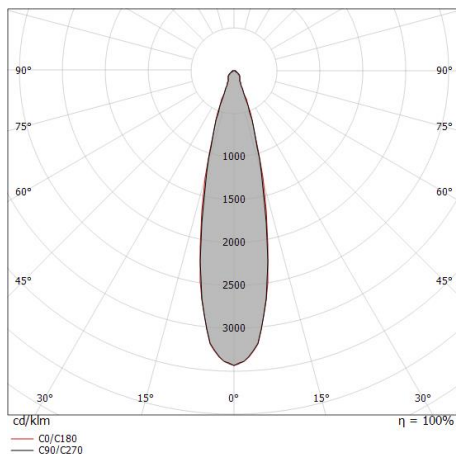
Single emission recessed downlights for indoor application. The natural white LED light source with a flood light distribution is composed of 1 powerLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 417 lm, with a 139.0 lm/W nominal luminous efficacy.

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 0.047 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 20 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	0.22 0.23	E(0°) 1853 E(C90) 863 E(C0) 862
1.0	0.44 0.45	E(0°) 463 E(C90) 216 E(C0) 215
1.5	0.66 0.68	E(0°) 206 E(C90) 96 E(C0) 96
2.0	0.88 0.90	E(0°) 116 E(C90) 54 E(C0) 54
2.5	1.10 1.13	E(0°) 74 E(C90) 35 E(C0) 34
3.0	1.32 1.35	E(0°) 51 E(C90) 24 E(C0) 24

— C0/C180 (Half-peak divergence: 25.4°)
 — C90/C270 (Half-peak divergence: 24.8°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	32 %
Lichtstrom (Lichtquelle)	417 lm
Leuchten Lichtstrom	135 lm
Consumption	3 W
Leuchten Lichtausbeute	45 lm/W
Farbtemperatur	4000 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	27.9
UGR transversal	27.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	25°
Light distribution simmetry	Symmetrical