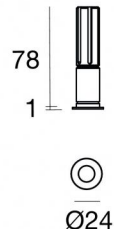




Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90  
**C01038AUMSP**



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Spot
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
Technische Merkmale des Produkts	TVS

### Oberfläche Gehäuse

Material	Aluminium 6026
Farbe	Gold
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 C01038AUMSP

Single emission recessed downlights for indoor application. The super warm white LED light source with a spot 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 aluminium 6026 and features a gold 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.

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

### Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	33 %
Lichtstrom (Lichtquelle)	358 lm
Leuchten Lichtstrom	121 lm
Consumption	3 W
Leuchten Lichtausbeute	40 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

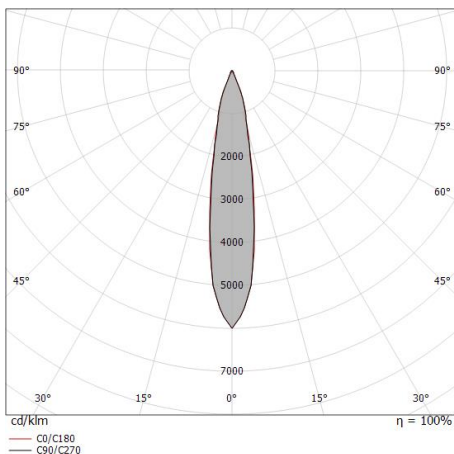
L70 B20 C0 214455h (at Tj 60 Ta 25 )

### UGR

UGR axial	17.1
UGR transversal	16.8
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Optik C0/C180	19°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.17 0.17	E(0°) 2896 E(C90) 1400 E(C0) 1397
1.0	0.33 0.34	E(0°) 724 E(C90) 350 E(C0) 349
1.5	0.50 0.51	E(0°) 322 E(C90) 156 E(C0) 155
2.0	0.66 0.68	E(0°) 181 E(C90) 88 E(C0) 87
2.5	0.83 0.85	E(0°) 116 E(C90) 56 E(C0) 56
3.0	0.99 1.01	E(0°) 80 E(C90) 39 E(C0) 39

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

— C0/C180 (Half-peak divergence: 19.2°)  
— C90/C270 (Half-peak divergence: 18.8°)