



Downlights | 1 x powerLED 10 W DC 800 mA | CRI 92
82878W30



Ø60



52

Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Flood
Light emission direction	downward
Lampe Nennleistung	10 W DC
Lichtstrom (Lichtquelle)	1034 lm
Eingangsspannungsbereich	800mA
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	92 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	0.400 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	F.O.L. - Honey comb
Technische Merkmale des Produkts	TVS

Oberfläche Gehäuse

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Gold
Bearbeitungstyp	Pulverbeschichtung

Oberfläche Diffusor

Material	Polycarbonat UV-beständige
Farbe	transparent

Oberfläche strahler

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Aluminium
Bearbeitungstyp	Polieren

Elektronik



99135
On/Off Driver 198-264V AC (2 - 3 art.)



99345
DALI - Push and Simply Dim Multi Power 198-264V AC / 176-275V DC (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-E100013
Push and Simply Dim - DALI-2 Controller (1 art.)

Cables Electrification

Cable connector	No
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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 92; the source luminous flux is 1034 lm, with a 103.4 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 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 0.400 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 10 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 52 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)	43 %
Lichtstrom (Lichtquelle)	1034 lm
Leuchten Lichtstrom	452 lm
Consumption	10 W
Leuchten Lichtausbeute	45 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	92 Ra
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio

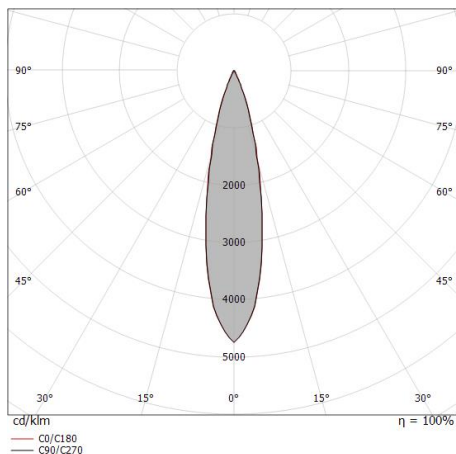
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

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

OPTICAL

Optik C0/C180	23°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.20 0.21	E(0°) 8589 E(C90) 4082 E(C0) 4072
1.0	0.41 0.41	E(0°) 2147 E(C90) 1021 E(C0) 1018
1.5	0.61 0.62	E(0°) 954 E(C90) 454 E(C0) 452
2.0	0.81 0.83	E(0°) 537 E(C90) 255 E(C0) 254
2.5	1.02 1.04	E(0°) 344 E(C90) 163 E(C0) 163
3.0	1.22 1.24	E(0°) 239 E(C90) 113 E(C0) 113

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

— C0/C180 (Half-peak divergence: 23.4°)
 — C90/C270 (Half-peak divergence: 23.0°)

