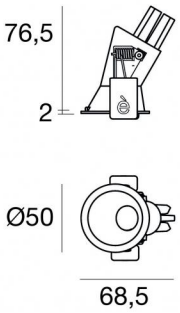
Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90

90818W30







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Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Medium Flood
Light emission direction	downward
Lampe Nennleistung	2 W DC
Lichtstrom (Lichtquelle)	213 lm
Eingangsspannungsbereich	630mA
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 entflammbaren 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
Einbautiefe	76,5 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.047 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	Honey comb
Technische Merkmale des Produkts	TVS

Oberfläche Oberfläche Gehäuse	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Text white RAL9003
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Transparent

Oberfläche Oberfläche strahler	
Material	Stranggepresstes Aluminium EN AB - 46100
Bearbeitungstyp	Trommelung

Elektronik

89147
On/Off Driver 198~264V AC / 180~275V DC (1 - 2 art.)



99105
On/Off Driver 198~264V AC (6 - 12 art.)



99374
On/Off Driver 198~264V AC / 176~275V DC 75 W (1 - 37 art.)



99710
1-10V - 0-10V Converter V DC (- art.)



99713
DALI Converter V DC (- art.)

99376
On/Off Driver 198~264V AC (3 - 6 art.)

Cables Electrification	
Cable connector	No

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Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90
90818W30

Single emission recessed downlights for indoor application. The warm white LED light source with a medium flood light distribution is composed of 1 powerled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 213 lm, with a 106.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders; 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 2 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 46 mm diameter hole (in plasterboard).

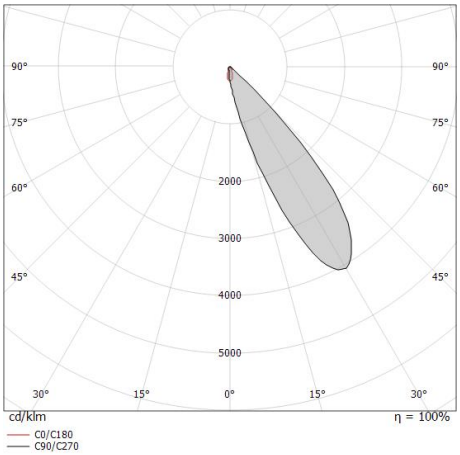
Compliant with the EN 60598-1 standard and its specific provisions.

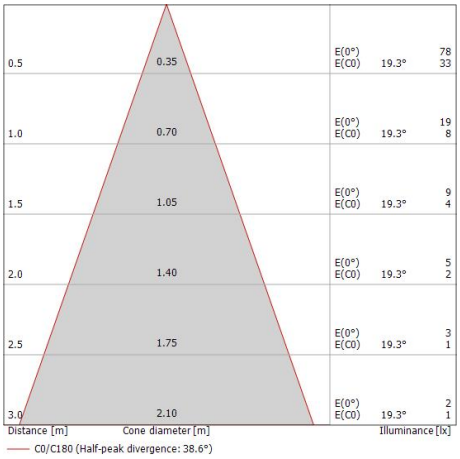
Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	37 %
Lichtstrom (Lichtquelle)	213 lm
Leuchten Lichtstrom	80 lm
Consumption	2,0 W
Leuchten Lichtausbeute	40 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 B10 C0 214455h (at Tj 65 Ta 25)
L80 B10 C0 136355h (at Tj 65 Ta 25)
L90 B10 C0 67466h (at Tj 65 Ta 25)

OPTICAL	
Optik C0/C180	39°
Light distribution simmetry	Asymmetrical





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