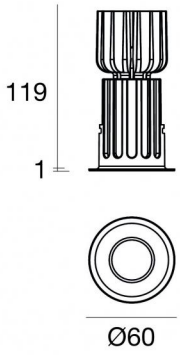
Downlights | 1 x powerLED 10 W DC 900 mA | CRI 80

90563N30







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Technische Daten	
Jahr der Verwirklichung	2023
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Flood
Light emission direction	downward
Lampe Nennleistung	10 W DC
Lichtstrom (Lichtquelle)	1403 lm
Eingangsspannungsbereich	900mA
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	80 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	119 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.400 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	F.O.L.
Technische Merkmale des Produkts	TVS

Oberfläche Oberfläche Gehäuse	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Text black RAL9005
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Transparent

Oberfläche Oberfläche strahler	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Aluminium
Bearbeitungstyp	Polieren

Elektronik



99135
On/Off Driver 198~264V AC



99345
DALI - Push and Simply Dim Multi Power 198~264V AC / V DC



99735
Multi Power 198~264V AC / 180~275V DC



99733
1-10V Multi Power 198~264V AC / V DC



99731
DALI - Push and Simply Dim Controller 198~264V AC / 180~275V DC



83232
DALI-2 Multi Power 198~264V AC / 176~280V DC

Cables Electrification	
Cable connector	No

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Single emission recessed downlights for indoor application. The natural white LED light source with a flood light distribution is composed of 1 powerled LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1403 lm, with a 140.3 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a text black ral9005 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 0.400 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.

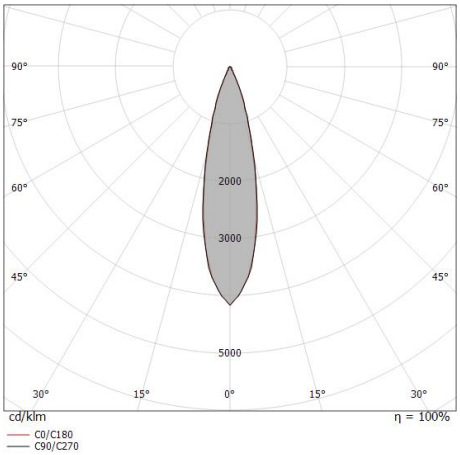
Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

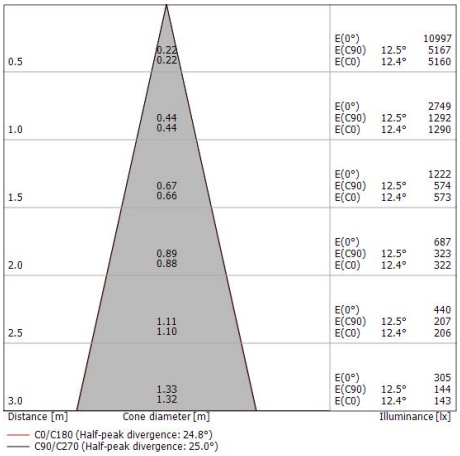
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	47 %
Lichtstrom (Lichtquelle)	1403 lm
Leuchten Lichtstrom	661 lm
Consumption	10 W
Leuchten Lichtausbeute	66 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio
L70 B10 C0 363000h (at Tj 65 Ta 25)
L80 B10 C0 237566h (at Tj 65 Ta 25)
L90 B10 C0 151000h (at Tj 65 Ta 25)

UGR	
UGR axial	19.6
UGR transversal	19.6
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	25°
Light distribution simmetry	Symmetrical





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