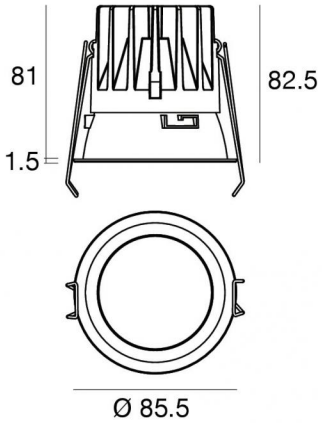
Modoc_R

Downlights | 1 arrayLED 10 W DC 300 mA | CRI 90
C00580WHMSP



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Spot
Light emission direction	downward
Lampe Nennleistung	10 W DC
Lichtstrom (Lichtquelle)	1707 lm
Eingangsspannungsbereich	300mA
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP20
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	0.3 m
Harzbeschichtung	Nein
Einbautiefe	81 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.227 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse	
Material	Technopolymer
Farbe	Weiß

Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Transparent

Oberfläche Oberfläche strahler	
Material	Stranggepresstes Aluminium
Farbe	Aluminium
Bearbeitungstyp	Trommelung

Elektronik

99734
Multi Power 198~264V AC / 180~275V DC (1 art.)

99732
1-10V Multi Power 198~264V AC / V DC (1 art.)

83322
Push and Simply Dim - DALI-2 Controller (1 art.)

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Single emission recessed downlights for indoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1707 lm, with a 170.7 lm/W nominal luminous efficacy.

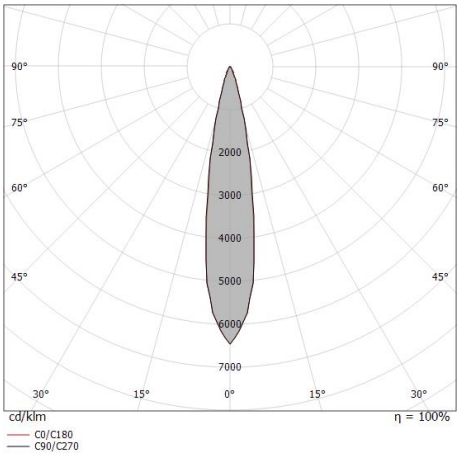
The device body is made of technopolymer and features a white finish; the diffuser is made of uv resistant polycarbonate.

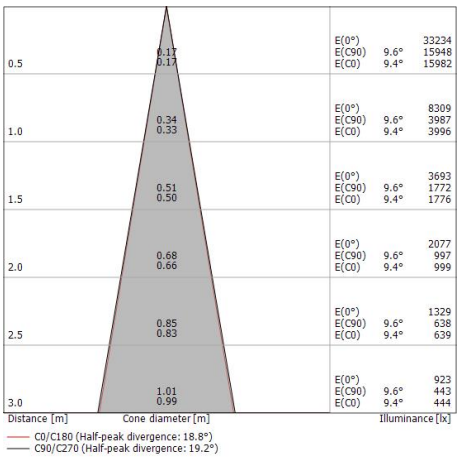
The ingress protection degree is IP20; the total weight is of 0.227 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 10 W The power supply cable is included and features a 0.3 m length.

The device features protection class III and can be ceiling-mounted, with a 76 mm diameter hole (in plasterboard) with an outer casing, code 89374(for concrete or masonry).

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





Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

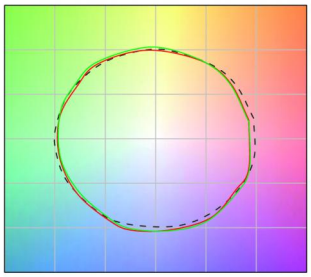
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	75 %
Lichtstrom (Lichtquelle)	1707 lm
Leuchten Lichtstrom	1286 lm
Consumption	10 W
Leuchten Lichtausbeute	128 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

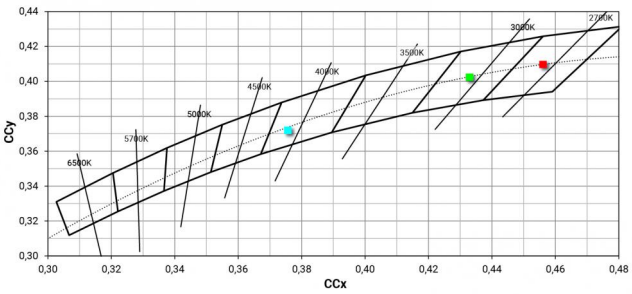
LED Life / Failure Ratio
L70 B10 C0 237566h (at Tj 65 Ta 25)
L80 B10 C0 148737h (at Tj 65 Ta 25)
L90 B10 C0 70385h (at Tj 65 Ta 25)

UGR	
UGR axial	11.3
UGR transversal	11.3
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	19°
Light distribution simmetry	Symmetrical

COLOR VECTOR GRAPHIC





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Modoc_R | Downlights | Accessories
C00580WHMSP

Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=213mm, H=125mm, D=138mm.
Material:Polypropylen, farbe:Weiß.

Code
89373

Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm.
Material:Polypropylen, farbe:Weiß.

Code
89374

Optik
Lichtverteilung: spot,Material Verkleidung: uv beständiges polycarbonat

Code
83382

Optik
Lichtverteilung: flood,Material Verkleidung: uv beständiges polycarbonat

Code
83383

Optik
Lichtverteilung: medium wide flood,Material Verkleidung: uv beständiges polycarbonat

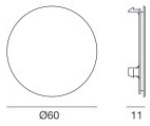
Code
C-K400132

Optik
Lichtverteilung: wide flood,Material Verkleidung: uv beständiges polycarbonat

Code
83384

Diffusor
Diffusorart: filtro ellittico

Code
C-U300019



Diffusor
Diffusorart: transparent closing screen.
Material:PC, farbe:Transparent.

Code
C-U300035

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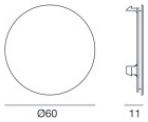
Modoc_R | Downlights | Accessories
C00580WHMSP



Diffusor - Achtung: Um das Zubehör zu verwenden, muss die an der Lampe angebrachte Optik entfernt werden
Diffusorart: diffused closing screen.
Material:PC, farbe:Opal.

Code
C-U300036

Werkzeug - Saugnapf zum Herausziehen der Optik
Material:, farbe:Transparent.

Code
C-F600002

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