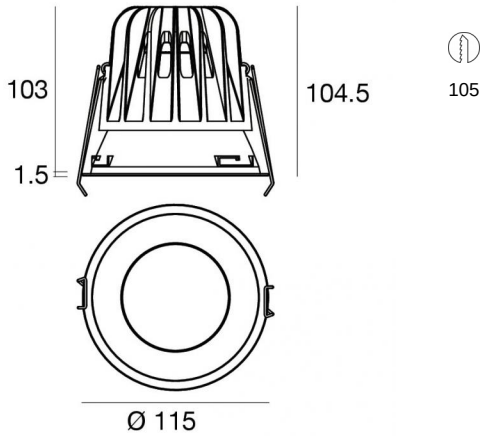
Downlights | 1 arrayLED 18 W DC 550 mA | CRI 90
C00581BBTML



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Medium Flood
Light emission direction	downward
Lampe Nennleistung	18 W DC
Lichtstrom (Lichtquelle)	3322 lm
Eingangsspannungsbereich	550mA
Ähnlichste Farbtemperatur / Tone	3500 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	103 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.457 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse	
Material	Technopolymer
Farbe	Text black RAL9005
Bearbeitungstyp	Lackierung

Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Transparent

Oberfläche Oberfläche strahler	
Material	Stranggepresstes Aluminium
Farbe	Aluminium
Bearbeitungstyp	Trommelung

Elektronik

C-E100034
Push and Simply Dim - DALI-2 Controller (1 art.)

C-E100033
Multi Power 198~264V AC / V DC (1 art.)

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Single emission recessed downlights for indoor application. The brilliant white LED light source with a medium flood light distribution is composed of 1 arrayled LEDs with CCT of 3500 K and a CRI 90; the source luminous flux is 3322 lm, with a 184.6 lm/W nominal luminous efficacy.

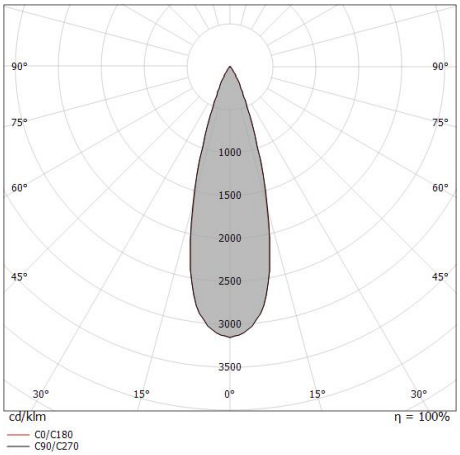
The device body is made of technopolymer and features a text black ral9005 finish, processed by means of coating; the diffuser is made of uv resistant polycarbonate.

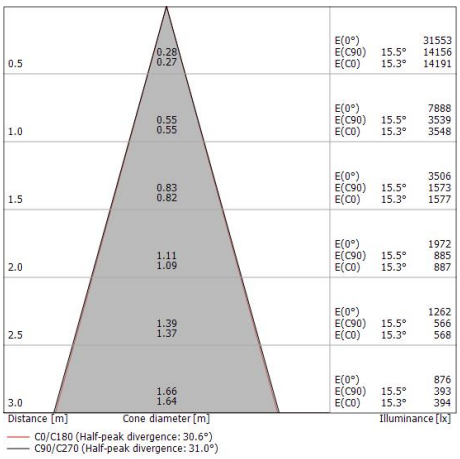
The ingress protection degree is IP20; the total weight is of 0.457 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 18 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 105 mm diameter hole (in plasterboard) with an outer casing, code C-C100020(for concrete or masonry).

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





Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

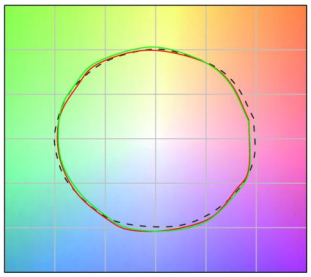
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	75 %
Lichtstrom (Lichtquelle)	3322 lm
Leuchten Lichtstrom	2500 lm
Consumption	18 W
Leuchten Lichtausbeute	138 lm/W
Farbtemperatur	3500 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

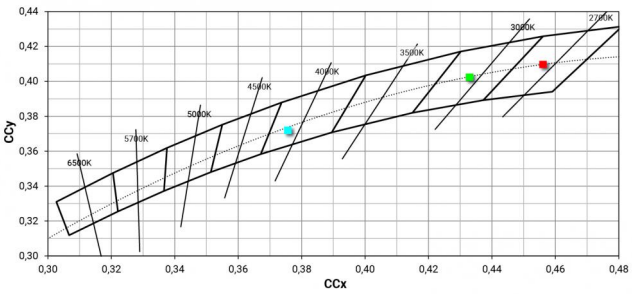
LED Life / Failure Ratio
L70 B10 C0 235315h (at Tj 65 Ta 25)
L80 B10 C0 147343h (at Tj 65 Ta 25)
L90 B10 C0 69745h (at Tj 65 Ta 25)

UGR	
UGR axial	12.4
UGR transversal	12.4
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	31°
Light distribution simmetry	Symmetrical

COLOR VECTOR GRAPHIC





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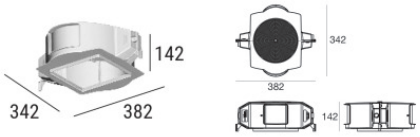
Modoc_R | Downlights | Accessories
C00581BBTML

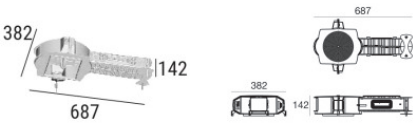
Diffusor
Diffusorart: filtro ellittico

Code
C-U300020



Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=382mm, H=142mm, D=342mm.
Material:Polypropylen, farbe:Weiß.

Code
C-C100016



Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=687mm, H=142mm, D=382mm.
Material:Polypropylen, farbe:Weiß.

Code
C-C100017

Einbaugehäuse - Gitter für Außengehäuse
installationsposition: decke; typ installation: mauerwerk L=210mm, H=210mm, D=10mm.
Material:Polypropylen, farbe:Weiß.

Code
C-C100020

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

Code
C-U300037

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-U300038

Optik
Lichtverteilung: flood,Material Verkleidung: uv beständiges polycarbonat

Code
C-K400134

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

Code
C-K400135

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Modoc_R | Downlights | Accessories
C00581BBTML

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

Code
C-K400136

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

Code
C-K400148

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

Code
C-F600002

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