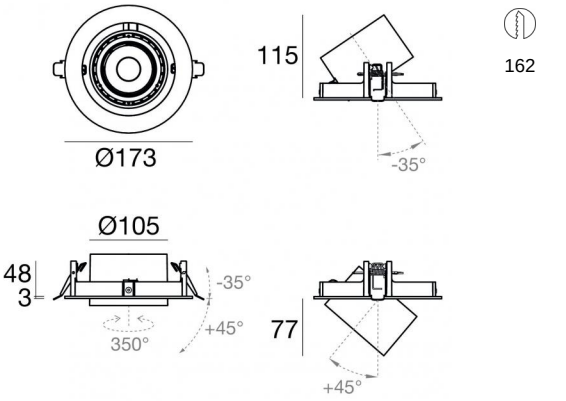
Downlights | 1 arrayLED 35 W DC 950 mA | CRI 90

81668M15







Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Spot
Light emission direction	frontal
Lampe Nennleistung	35 W DC
Lichtstrom (Lichtquelle)	4956 lm
Eingangsspannungsbereich	950mA
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP20
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	DALI - 1-10V
Schwenkbarkeit	Estraibile
Gesamtwinkel (vertikale Ebene)	65 °
Gesamtwinkel (horizontale Ebene)	350 °
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.20 m
Harzbeschichtung	Nein
Einbautiefe	100 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	1.1 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

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

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

Elektronik



99239
On/Off Driver 198~264V AC (1 art.)



99345
DALI - Push and Simply Dim Multi Power 198~264V AC / V DC (1 art.)



83008
1-10V - Push and Simply Dim - DALI-2 Controller (1 art.)

Cables Electrification	
Cable connector	No

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Downlights | 1 arrayLED 35 W DC 950 mA | CRI 90
81668M15

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 4956 lm, with a 141.6 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 mounting frame is made of die-cast aluminium en ab - 46100, with a text black ral9005 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP20; the total weight is of 1.1 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 35 W The power supply cable is included and features a 0.20 m length.

The device features protection class III and can be ceiling-mounted, with a 162 mm diameter hole (in plasterboard) with an outer casing, code 99479(for concrete or masonry).

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

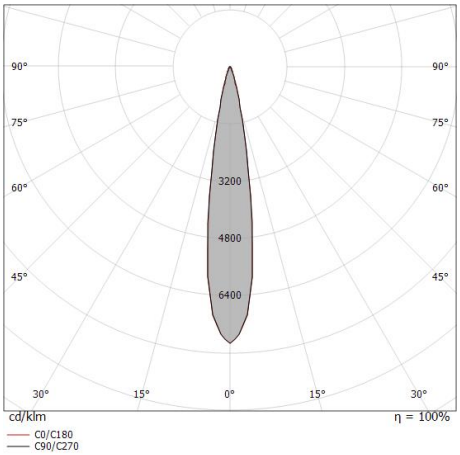
Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

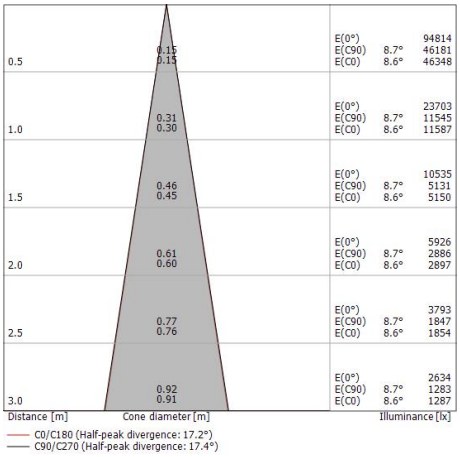
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	61 %
Lichtstrom (Lichtquelle)	4956 lm
Leuchten Lichtstrom	3063 lm
Consumption	25 W
Leuchten Lichtausbeute	122 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

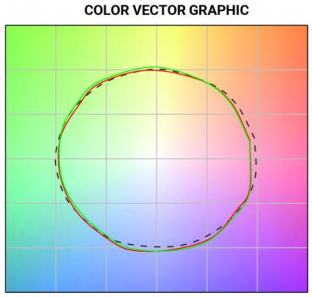
LED Life / Failure Ratio
L70 B10 C0 235315h (at Tj 65 Ta 25)
L80 B10 C0 147343h (at Tj 65 Ta 25)
L90 B10 C0 69745h (at Tj 65 Ta 25)

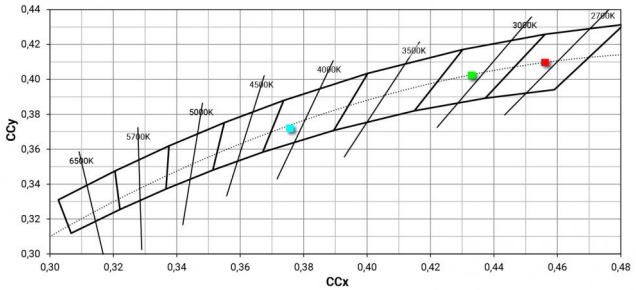
UGR	
UGR axial	22.7
UGR transversal	22.7
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	17°
Light distribution simmetry	Symmetrical









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Downlights | 1 arrayLED 35 W DC 950 mA | CRI 90

81668M15

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The ingress protection degree is IP20; the total weight is of 1.1 kg. The power supply driver is not provided and is to be ordered separately.

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The device features protection class III and can be ceiling-mounted, with a 162 mm diameter hole (in plasterboard) with an outer casing, code 99479(for concrete or masonry).

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

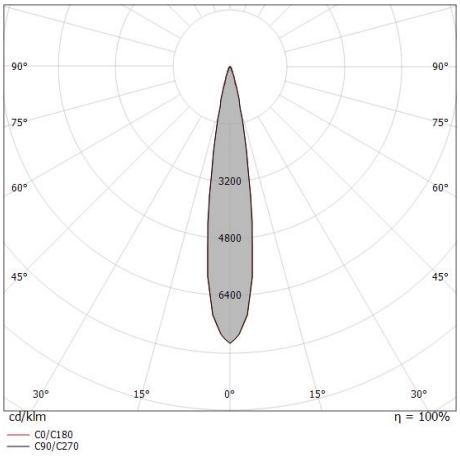
Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

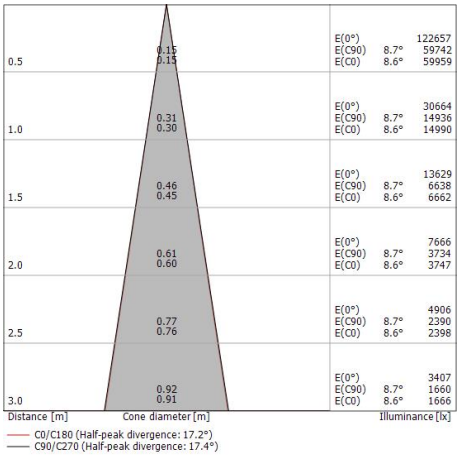
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	79 %
Lichtstrom (Lichtquelle)	4956 lm
Leuchten Lichtstrom	3963 lm
Consumption	35 W
Leuchten Lichtausbeute	113 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

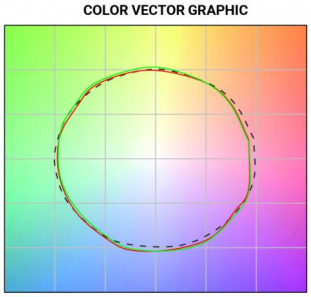
LED Life / Failure Ratio
L70 B10 C0 235315h (at Tj 65 Ta 25)
L80 B10 C0 147343h (at Tj 65 Ta 25)
L90 B10 C0 69745h (at Tj 65 Ta 25)

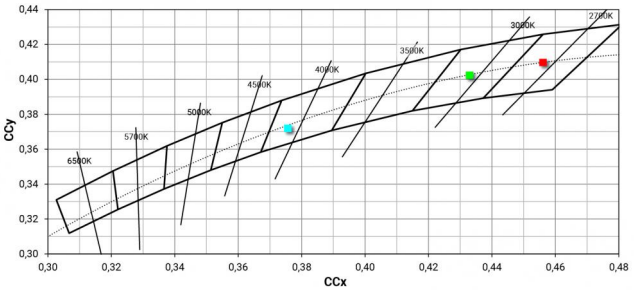
UGR	
UGR axial	23.6
UGR transversal	23.6
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	17°
Light distribution simmetry	Symmetrical









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Optus_EX | Downlights | Accessories
81668M15



Optik - SPOT
Lichtverteilung: spot,Material Verkleidung: uv beständiges polycarbonat

Code
C-U300015



Optik - FLOOD
Lichtverteilung: flood,Material Verkleidung: uv beständiges polycarbonat

Code
C-U300016



Optik - WIDE FLOOD
Lichtverteilung: medium flood,Material Verkleidung: uv beständiges polycarbonat

Code
C-U300017



Blendschutz
Blendschutzart: wabenraster.
Material:Pom-C, farbe:Schwarz.

Code
C-U300014



Optik - Kit mit variabler Brennweite
Lichtverteilung: einstellbar,Material Verkleidung: extra-helles glas - gehärtet

Code
C-U300034



Diffusor - Es ist nicht mit 60°-Optiken kompatibel

Code
C-U300013



Blendschutz
Blendschutzart: schermo cilindrico 45°.
Material:Pom-C, farbe:Schwarz.

Code
C-U300030

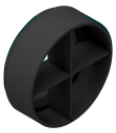


Blendschutz
Blendschutzart: schermo cilindrico.
Material:Pom-C, farbe:Schwarz.

Code
C-U300029

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Optus_EX | Downlights | Accessories
81668M15



Blendschutz
Blendschutzart: frangiluce a croce.
Material:Pom-C, farbe:Schwarz.

Code
C-U300031



Einbaugehäuse
L=154mm, H=99.6mm, D=150mm.
Material:PC, farbe:Black.

Code
99479

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