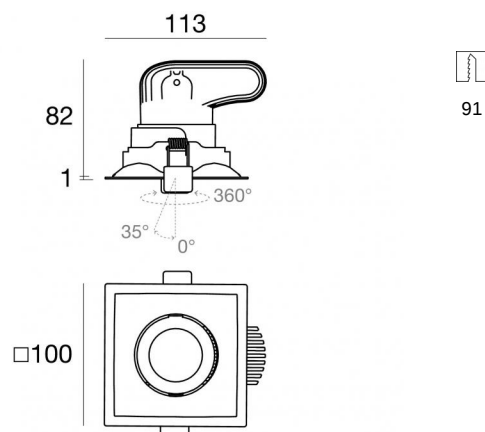


Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90
80356W30



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Flood
Light emission direction	downward
Lampe Nennleistung	12.5 W DC
Lichtstrom (Lichtquelle)	1705 lm
Eingangsspannungsbereich	350mA
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP44
IP optisches System	IP65
IK	IK08
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	DALI - 1-10V
Schwenkbarkeit	Nein
Drehbarkeit	Ja
Gesamtwinkel (horizontale Ebene)	350 °
Gesamtwinkel (vertikale Ebene)	35 °
Begehrbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.300 m
Harzbeschichtung	Nein
Einbautiefe	82 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.350 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Text brillant grey RAL 9006
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

	99115 1-10V - N/O button Multi Power 198-264V AC / V DC (1 art.)
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	99375 On/Off Driver 198-264V AC (1 art.)
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	83322 Push and Simply Dim - DALI-2 Controller (1 art.)
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Cables Electrification

Cable connector	MALE JST SMR-02V-B
Cable connector	FEMALE JST SMR-02V-BC

Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90
80356W30

Single emission recessed downlights for indoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1705 lm, with a 136.4 lm/W nominal luminous efficacy.

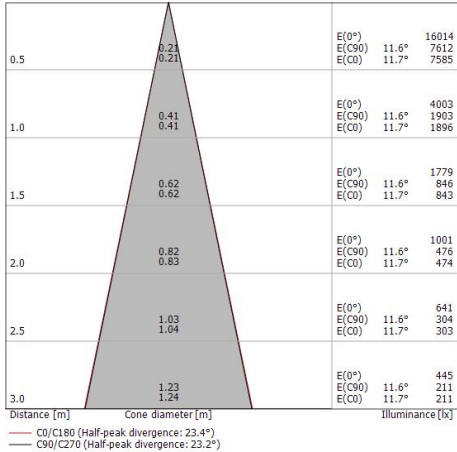
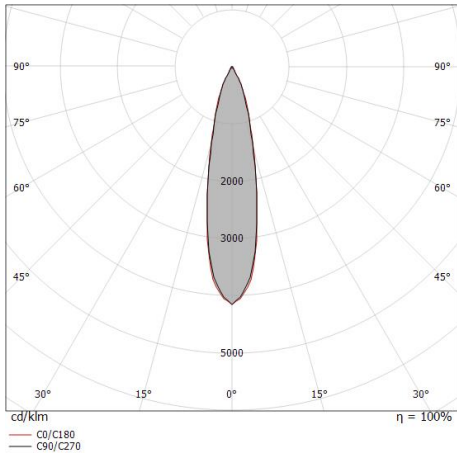
The device body is made of die-cast aluminium en ab - 46100 and features a text brilliant grey ral 9006 finish, processed by means of powder coating with thermosetting powders; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP44; the total weight is of 0.350 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12.5 W The power supply cable is included and features a 0.300 m length.

The device features protection class III and can be ceiling-mounted, with a 91 x 91 mm hole (in plasterboard).

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)	56 %
Lichtstrom (Lichtquelle)	1705 lm
Leuchten Lichtstrom	965 lm
Consumption	8 W
Leuchten Lichtausbeute	120 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio

L70 B10 C0 211958h (at Tj 65 Ta 25)

L80 B10 C0 132729h (at Tj 65 Ta 25)

L90 B10 C0 62845h (at Tj 65 Ta 25)

UGR

UGR axial	15.6
UGR transversal	15.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	23°
Light distribution simmetry	Symmetrical

Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90
80356W30

Single emission recessed downlights for indoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1705 lm, with a 136.4 lm/W nominal luminous efficacy.

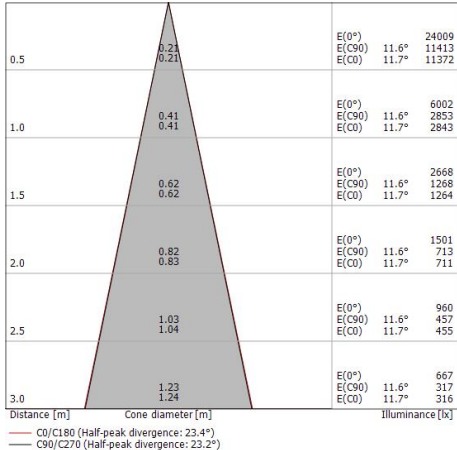
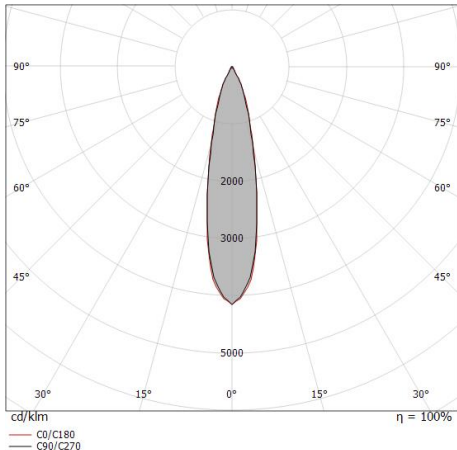
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The device features protection class III and can be ceiling-mounted, with a 91 x 91 mm hole (in plasterboard).

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)	84 %
Lichtstrom (Lichtquelle)	1705 lm
Leuchten Lichtstrom	1446 lm
Consumption	13 W
Leuchten Lichtausbeute	111 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C
LED Life / Failure Ratio	
L70 B10 C0 211958h (at Tj 65 Ta 25)	
L80 B10 C0 132729h (at Tj 65 Ta 25)	
L90 B10 C0 62845h (at Tj 65 Ta 25)	
UGR	
UGR axial	17
UGR transversal	17
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
OPTICAL	
Optik C0/C180	23°
Light distribution simmetry	Symmetrical