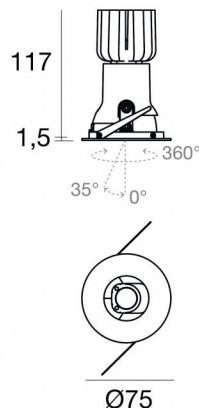




Downlights | 1 x powerLED 8 W DC 700 mA | CRI 90  
81274W15



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Spot
Light emission direction	downward
Lampe Nennleistung	8 W DC
Lichtstrom (Lichtquelle)	738 lm
Eingangsspannungsbereich	700mA
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP44
IP optisches System	IP65
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)	360 °
Gesamtwinkel (vertikale Ebene)	35 °
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.170 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.277 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	F.O.L.
Technische Merkmale des Produkts	TVS

### Oberfläche Gehäuse

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Schwarz
Bearbeitungstyp	Pulverbeschichtung

### Oberfläche Diffusor

Material	Polycarbonat UV-beständige
Farbe	transparent

### Oberfläche flansch

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Weiß
Bearbeitungstyp	Pulverbeschichtung

### Oberfläche strahler

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Aluminium
Bearbeitungstyp	Polieren

### Elektronik



99147  
On/Off Driver 198-264V AC (1 - 3 art.)



99735  
Multi Power 198-264V AC / 180-275V DC (1 art.)



99733  
1-10V Multi Power 198-264V AC / 180-275V DC (1 art.)



C-E100012  
Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100016  
Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

### Cables Electrification

Cable connector	No
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## Downlights | 1 x powerLED 8 W DC 700 mA | CRI 90 81274W15

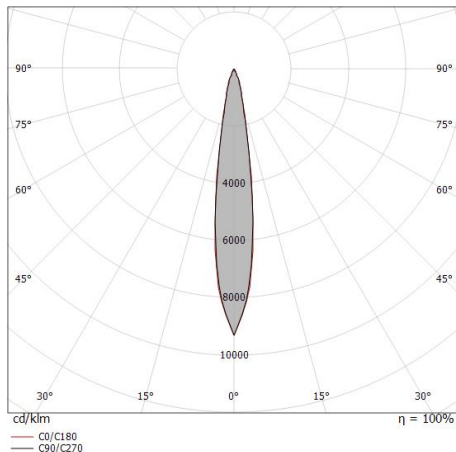
Single emission recessed downlights for indoor application. The warm white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 738 lm, with a 92.3 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.277 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 8 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 70 mm diameter hole (in plasterboard) with an outer casing, code 83064(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.14 0.14	E(0°) 14063 E(C90) 7.8° 6846 E(C0) 7.9° 6837
1.0	0.27 0.28	E(0°) 3516 E(C90) 7.8° 1712 E(C0) 7.9° 1709
1.5	0.41 0.42	E(0°) 1563 E(C90) 7.8° 761 E(C0) 7.9° 760
2.0	0.55 0.56	E(0°) 879 E(C90) 7.8° 428 E(C0) 7.9° 427
2.5	0.68 0.69	E(0°) 563 E(C90) 7.8° 274 E(C0) 7.9° 273
3.0	0.82 0.83	E(0°) 391 E(C90) 7.8° 190 E(C0) 7.9° 190

— C0/C180 (Half-peak divergence: 15.8°)  
— C90/C270 (Half-peak divergence: 15.6°)

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

### Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	51 %
Lichtstrom (Lichtquelle)	738 lm
Leuchten Lichtstrom	378 lm
Consumption	8 W
Leuchten Lichtausbeute	47 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	90 Ra
Black Body Locus	On

Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

### LED Life / Failure Ratio

L70 B10 C0 247450h (at Tj 60 Ta 25 )

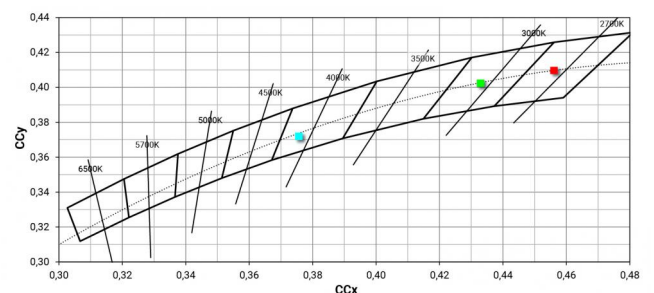
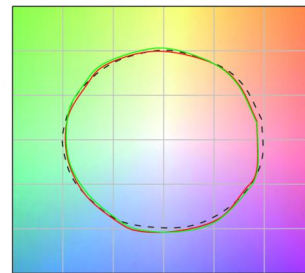
### UGR

UGR axial	11
UGR transversal	11.2
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

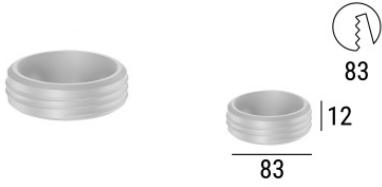
Optik C0/C180	16°
Light distribution simmetry	Symmetrical

### COLOR VECTOR GRAPHIC





Vos\_RJ | Downlights | Accessories  
**81274W15**



Einbaugehäuse

installationsposition: decke; typ installation: gipskarton L=83mm, H=12mm, D=83mm.

Material:Aluminium, farbe:Eloxiertes Aluminium, bearbeitungstyp :Eloxierung.

Finish	Code
	83064