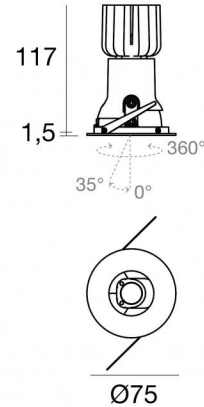




Downlights | 1 x powerLED 8 W DC 700 mA | CRI 92
81275M30



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Medium Flood
Light emission direction	downward
Lampe Nennleistung	8 W DC
Lichtstrom (Lichtquelle)	689 lm
Eingangsspannungsbereich	700mA
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	92 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
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	Schwarz
Bearbeitungstyp	Pulverbeschichtung

Oberfläche strahler

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Aluminium
Bearbeitungstyp	Polieren

Elektronik



99147
On/Off Driver 198-264V AC (2 - 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 (2 - 3 art.)

Cables Electrification

Cable connector	No
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Downlights | 1 x powerLED 8 W DC 700 mA | CRI 92 81275M30

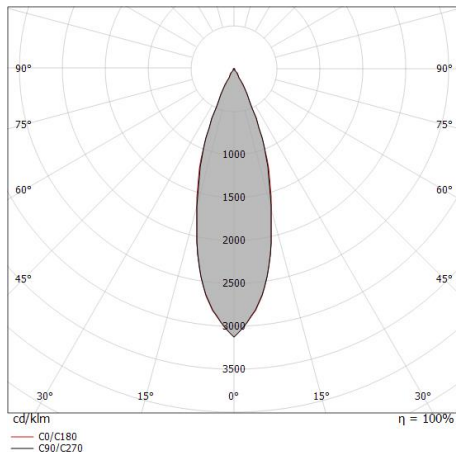
Single emission recessed downlights for indoor application. The super warm white LED light source with a medium flood light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 92; the source luminous flux is 689 lm, with a 86.1 lm/W nominal luminous efficacy.

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	0.28 0.28	E(0°) 3250 E(C90) 1451 E(C0) 1449
1.0	0.57 0.57	E(0°) 813 E(C90) 363 E(C0) 362
1.5	0.85 0.85	E(0°) 361 E(C90) 161 E(C0) 161
2.0	1.13 1.14	E(0°) 203 E(C90) 91 E(C0) 91
2.5	1.41 1.42	E(0°) 130 E(C90) 58 E(C0) 58
3.0	1.70 1.71	E(0°) 90 E(C90) 40 E(C0) 40

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 31.8°)
— C90/C270 (Half-peak divergence: 31.6°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	37 %
Lichtstrom (Lichtquelle)	689 lm
Leuchten Lichtstrom	261 lm
Consumption	8 W
Leuchten Lichtausbeute	32 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	92 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	10.8
UGR transversal	11.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

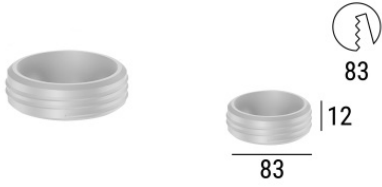
Optik C0/C180	32°
Light distribution simmetry	Symmetrical

COLOR VECTOR GRAPHIC





Vos_RJ | Downlights | Accessories
81275M30



Einbaugehäuse

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

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

Finish	Code
	83064