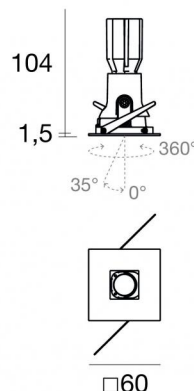




Downlights | 1 x powerLED 4 W DC 350 mA | CRI 90
80479M30



56

Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Flood
Light emission direction	downward
Lampe Nennleistung	4 W DC
Lichtstrom (Lichtquelle)	389 lm
Eingangsspannungsbereich	350mA
Ähnlichste Farbtemperatur / Tone	2700 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	0.128 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	F.O.L. - Honey comb
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
Bearbeitungstyp	Trommelung

Elektronik

 89145
On/Off Driver 198~264V AC / 180~275V DC (1 art.)

 99375
On/Off Driver 198~264V AC (2 - 3 art.)

 C-E100010
1-10V - 0-10V Controller (1 art.)

 C-E100011
Push and Simply Dim - DALI-2 Controller (1 art.)

Cables Electrification

Cable connector No

Downlights | 1 x powerLED 4 W DC 350 mA | CRI 90 80479M30

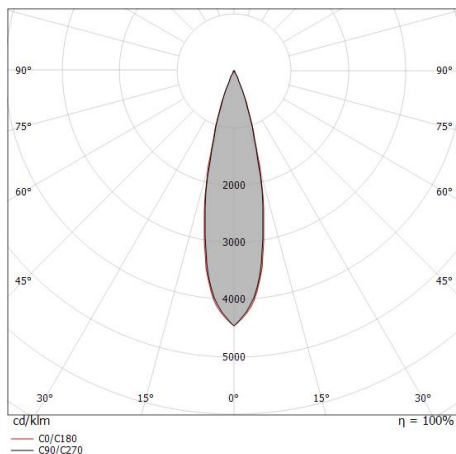
Single emission recessed downlights for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 389 lm, with a 97.3 lm/W nominal luminous efficacy.

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 0.128 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 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 56 mm diameter hole (in plasterboard) with an outer casing, code 89374(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.23 0.23	E(0°) 2405 E(C90) 12.7° 1116 E(C0) 12.9° 1124
1.0	0.45 0.46	E(0°) 601 E(C90) 12.7° 279 E(C0) 12.9° 281
1.5	0.68 0.69	E(0°) 267 E(C90) 12.7° 124 E(C0) 12.9° 125
2.0	0.90 0.92	E(0°) 150 E(C90) 12.7° 70 E(C0) 12.9° 70
2.5	1.13 1.15	E(0°) 96 E(C90) 12.7° 45 E(C0) 12.9° 45
3.0	1.35 1.37	E(0°) 67 E(C90) 12.7° 31 E(C0) 12.9° 31

— C0/C180 (Half-peak divergence: 25.8°)
— C90/C270 (Half-peak divergence: 25.4°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	34 %
Lichtstrom (Lichtquelle)	389 lm
Leuchten Lichtstrom	135 lm
Consumption	4 W
Leuchten Lichtausbeute	33 lm/W
Farbtemperatur	2700 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)

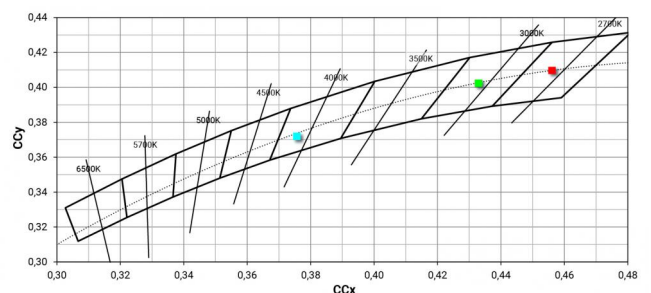
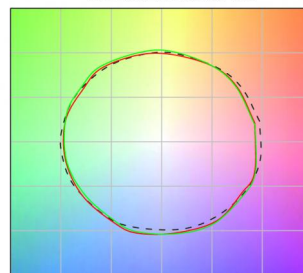
UGR

UGR axial	13.5
UGR transversal	13.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	25°
Light distribution simmetry	Symmetrical

COLOR VECTOR GRAPHIC





Vos_QJ | Downlights | Accessories
80479M30



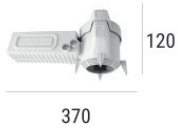
Einbaugehäuse

installationsposition: decke; typ installation: mauerwerk L=200mm, H=113mm, D=137mm.

Material:Polypropylen, farbe:Weiß.

Code

89373



Einbaugehäuse

installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm.

Material:Polypropylen, farbe:Weiß.

Code

89374