

Warp_R EVO



Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90
77367M30



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Medium Flood
Light emission direction	downward
Lampe Nennleistung	14 W DC
Lichtstrom (Lichtquelle)	2214 lm
Eingangsspannungsbereich	400mA
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP40
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	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.2 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.3 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	Honey comb

Oberfläche Gehäuse

Material	Technopolymer
Farbe	Schwarz
Bearbeitungstyp	Lackierung

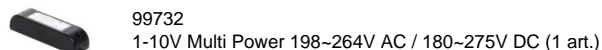
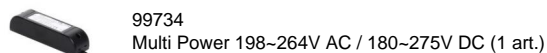
Oberfläche Diffusor

Material	Polycarbonat UV-beständige
Farbe	transparent

Oberfläche strahler

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Aluminium
Bearbeitungstyp	Polieren

Elektronik



Cables Electrification

Cable connector	JST Quick connector Male + Female
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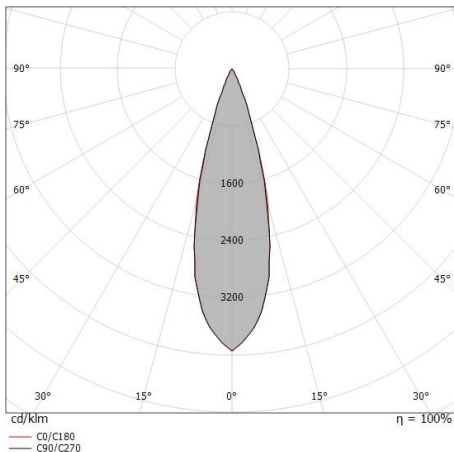
Single emission recessed downlights for indoor application. The super warm white LED light source is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 2214 lm, with a 158.1 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a black finish, processed by means of coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP40; the total weight is of 0.3 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 14 W. The power supply cable is included and features a 0.2 m length.

The device features protection class III and can be ceiling-mounted, with a 92 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	0.26 0.26	E(0°) 20211 E(C90) 14.4° 9213 E(C0) 14.6° 9247
1.0	0.51 0.52	E(0°) 5053 E(C90) 14.4° 2303 E(C0) 14.6° 2312
1.5	0.77 0.78	E(0°) 2246 E(C90) 14.4° 1024 E(C0) 14.6° 1027
2.0	1.03 1.04	E(0°) 1263 E(C90) 14.4° 576 E(C0) 14.6° 578
2.5	1.28 1.30	E(0°) 808 E(C90) 14.4° 369 E(C0) 14.6° 370
3.0	1.54 1.56	E(0°) 561 E(C90) 14.4° 256 E(C0) 14.6° 257

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

— C0/C180 (Half-peak divergence: 29.2°)
— C90/C270 (Half-peak divergence: 28.8°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	57 %
Lichtstrom (Lichtquelle)	2214 lm
Leuchten Lichtstrom	1282 lm
Consumption	14 W
Leuchten Lichtausbeute	91 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 252000h (at Tj 65 Ta 25)

UGR

UGR axial	5.2
UGR transversal	5.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

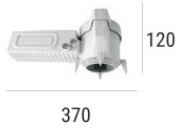
Optik C0/C180	29°
Light distribution simmetry	Symmetrical

COLOR VECTOR GRAPHIC





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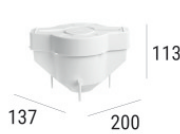


Einbaugehäuse

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

Code

89374



Einbaugehäuse

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

Code

89373

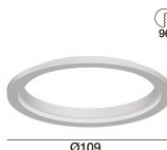


Ø109

Schwarzer vorderer adaptiver Flansch für Warp EVO

Code

83390



Ø109

Weisses vorderer adaptiver Flansch für Warp EVO

Code

83395



Optik

Lichtverteilung: wide flood,Material Verkleidung: polycarbonat uv-beständige

Code

83384



Optik

Lichtverteilung: medium flood,Material Verkleidung: ,polycarbonat uv-
beständige,polycarbonat uv-beständige,polycarbonat uv-beständige

Code

83383



Optik

Lichtverteilung: flood,Material Verkleidung: ,polycarbonat uv-beständige,polycarbonat uv-
beständige,polycarbonat uv-beständige

Code

83382



Diffusor

Diffusorart: ästhetischer filter

Code

83381



Diffusor
Diffusorart: filtro ellittico

Code
83380



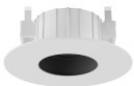
Blendschutz
Blendschutzart: wabenraster.
Material:Pom-C, farbe:Schwarz.

Code
83379



Schwarzes Vos_R Frontal-Kit

Code
83378



Weißes Vos_R Frontal-Kit

Code
83377



Schwarzes Warp_R frontal-Kit

Code
83376



Weißes Warp_R frontal-Kit

Code
83375



Schwarzes Quantum_R Frontal-Kit

Code
83374



Weißes Quantum_R Frontal-Kit

Code
83373



Gold Warp_R EVO frontal Kit

Code
C-K400048



Kupfer Warp_R EVO frontal Kit

Code
C-K400049



Gold Quantum_R EVO Frontal Kit

Code
C-K400046



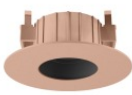
Kupfer Quantum_R EVO frontal Kit

Code
C-K400047



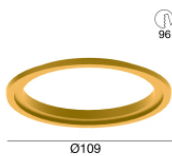
Gold Vos_R Frontal-Kit

Code
C-K400050



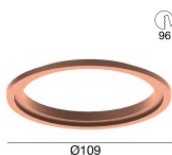
Kupfer Vos_R EVO Frontal Kit

Code
C-K400051



Gold vorderer adaptiver Flansch für Warp EVO

Code
C-K400052

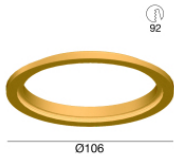


Kupfer vorderer adaptiver Flansch für Warp EVO

Code
C-K400053

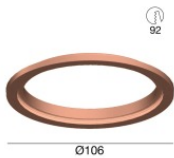


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Gold vorderer adaptiver Flansch für Quantum EVO

Code
C-K400054



Kupfer vorderer adaptiver Flansch für Quantum EVO

Code
C-K400055