

Warp_R EVO



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 80
77345A10



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Spot
Light emission direction	downward
Lampe Nennleistung	9 W DC
Lichtstrom (Lichtquelle)	892 lm
Eingangsspannungsbereich	700mA
Ähnlichste Farbtemperatur / Tone	2200 K
Farbwiedergabeindex	80 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

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



99147
On/Off Driver 198-264V AC



99735
Multi Power 198-264V AC / 180-275V DC



99733
1-10V Multi Power 198-264V AC / 180-275V DC



C-E100012
Push and Simply Dim - DALI-2 Controller



C-E100016
Push and Simply Dim - DALI-2 Controller

Cables Electrification

Cable connector	JST Quick connector Male + Female
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Single emission recessed downlights for indoor application. The ancient white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 2200 K and a CRI 80; the source luminous flux is 892 lm, with a 99.1 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 9 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.

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

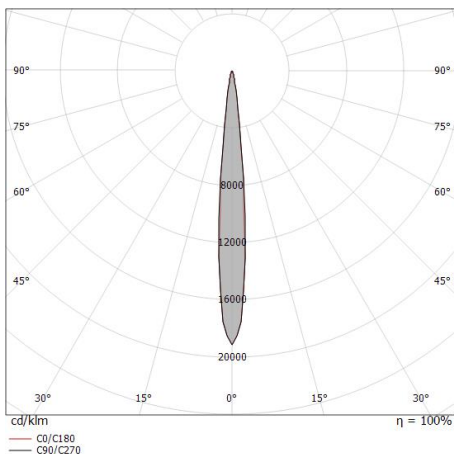
Light Output Ratio (LOR)	70 %
Lichtstrom (Lichtquelle)	892 lm
Leuchten Lichtstrom	629 lm
Consumption	9 W
Leuchten Lichtausbeute	69 lm/W
Farbtemperatur	2200 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

UGR

UGR axial	5.3
UGR transversal	5.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	10°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.09 0.09	E(0°) 48184 E(C90) 5.2° 24225 E(C0) 5.0° 23827
1.0	0.18 0.17	E(0°) 12046 E(C90) 5.2° 6056 E(C0) 5.0° 5957
1.5	0.27 0.26	E(0°) 5354 E(C90) 5.2° 2692 E(C0) 5.0° 2647
2.0	0.36 0.35	E(0°) 3011 E(C90) 5.2° 1514 E(C0) 5.0° 1489
2.5	0.46 0.44	E(0°) 1927 E(C90) 5.2° 969 E(C0) 5.0° 953
3.0	0.55 0.52	E(0°) 1338 E(C90) 5.2° 673 E(C0) 5.0° 662

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

— C0/C180 (Half-peak divergence: 10.0°)
 — C90/C270 (Half-peak divergence: 10.4°)

Warp_R EVO

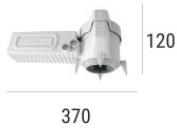


Warp_R EVO | Downlights | Accessories
77345A10



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

Code
89373



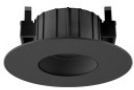
Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm.
Material:Polypropylen, farbe:Weiß.

Code
89374



Weißes Quantum_R Frontal-Kit

Code
83373



Schwarzes Vos_R Frontal-Kit

Code
83378



Weißes Vos_R Frontal-Kit

Code
83377



Schwarzes Quantum_R Frontal-Kit

Code
83374



Weißes Warp_R frontal-Kit

Code
83375



Schwarzes Warp_R frontal-Kit

Code
83376



Weisses vorderer adaptiver Flansch für Warp EVO

Code
83395



Schwarzer vorderer adaptiver Flansch für Warp EVO

Code
83390



Gold Quantum_R EVO Frontal Kit

Code
C-K400046



Kupfer Quantum_R EVO frontal Kit

Code
C-K400047



Kupfer Warp_R EVO frontal Kit

Code
C-K400049



Gold Warp_R EVO frontal Kit

Code
C-K400048



Gold Vos_R Frontal-Kit

Code
C-K400050



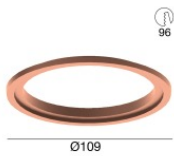
Kupfer Vos_R EVO Frontal Kit

Code
C-K400051



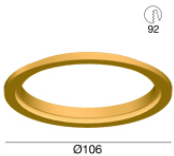
Gold vorderer adaptiver Flansch für Warp EVO

Code
C-K400052



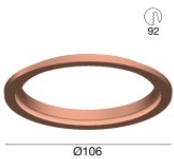
Kupfer vorderer adaptiver Flansch für Warp EVO

Code
C-K400053



Gold vorderer adaptiver Flansch für Quantum EVO

Code
C-K400054



Kupfer vorderer adaptiver Flansch für Quantum EVO

Code
C-K400055



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

Code
83379



Diffusor
Diffusorart: filtro ellittico

Code
83380



Diffusor
Diffusorart: ästhetischer filter

Code
83381