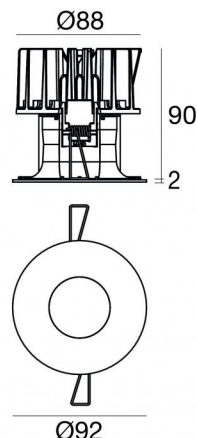


Quantum_R EVO



Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90
77350W30



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Flood
Light emission direction	downward
Lampe Nennleistung	14 W DC
Lichtstrom (Lichtquelle)	2318 lm
Eingangsspannungsbereich	400mA
Ähnlichste Farbtemperatur / Tone	3000 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	weiß RAL 9003


Oberfläche Diffusor


Material	Polycarbonat UV-beständige
Farbe	transparent

Oberfläche strahler

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Aluminium
Bearbeitungstyp	Polieren

Elektronik

	99734 Multi Power 198~264V AC / 180~275V DC (1 art.)
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	99732 1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)
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	83322 Push and Simply Dim - DALI-2 Controller (1 art.)
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Cables Electrification

Cable connector	JST Quick connector Male + Female
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Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90
77350W30

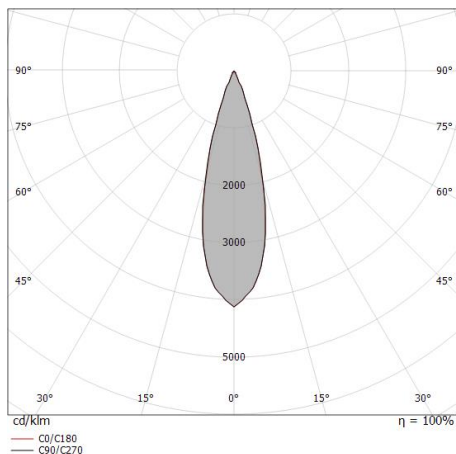
Single emission recessed downlights for indoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2318 lm, with a 165.6 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white ral 9003 finish; 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 88 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	0.25 0.25	E(0°) 23030 E(C90) 14.3° 10560 E(C0) 14.2° 10565
1.0	0.51 0.51	E(0°) 5757 E(C90) 14.3° 2640 E(C0) 14.2° 2641
1.5	0.76 0.76	E(0°) 2559 E(C90) 14.3° 1173 E(C0) 14.2° 1174
2.0	1.02 1.01	E(0°) 1439 E(C90) 14.3° 660 E(C0) 14.2° 660
2.5	1.27 1.27	E(0°) 921 E(C90) 14.3° 422 E(C0) 14.2° 423
3.0	1.53 1.52	E(0°) 640 E(C90) 14.3° 293 E(C0) 14.2° 293

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

— C0/C180 (Half-peak divergence: 28.4°)
— C90/C270 (Half-peak divergence: 28.6°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	60 %
Lichtstrom (Lichtquelle)	2318 lm
Leuchten Lichtstrom	1397 lm
Consumption	14 W
Leuchten Lichtausbeute	99 lm/W
Farbtemperatur	3000 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	7.2
UGR transversal	7.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	28°
Light distribution simmetry	Symmetrical

COLOR VECTOR GRAPHIC





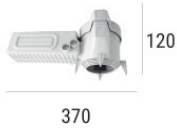
Quantum_R EVO | Downlights | Accessories
77350W30



Einbaugehäuse

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

Code
89373



Einbaugehäuse

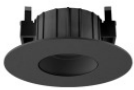
installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm.
Material:Polypropylen, farbe:Weiß.

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



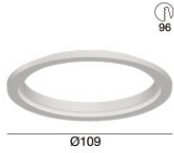
Weißes Warp_R frontal-Kit

Code
83375



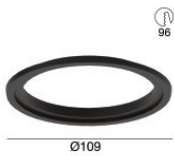
Schwarzes Warp_R frontal-Kit

Code
83376



Weisses vorderer adaptiver Flansch für Warp EVO

Code
83395



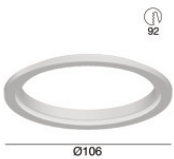
Schwarzer vorderer adaptiver Flansch für Warp EVO

Code
83390



Schwarzer vorderer adaptiver Flansch für Quantum EVO 9W-14W

Code
83392



Weißer vorderer adaptiver Flansch für Quantum EVO

Code
83391



Gold Quantum_R EVO Frontal Kit

Code
C-K400046



Kupfer Quantum_R EVO frontal Kit

Code
C-K400047



Kupfer Warp_R EVO frontal Kit


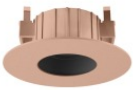
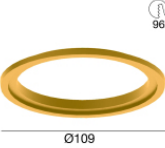
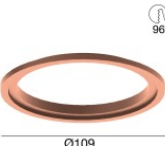




Code
C-K400049



Gold Warp_R EVO frontal Kit

Code
C-K400048



	Gold Vos_R Frontal-Kit	Code <u>C-K400050</u>
	Kupfer Vos_R EVO Frontal Kit	Code <u>C-K400051</u>
	Gold vorderer adaptiver Flansch für Warp EVO	Code <u>C-K400052</u>
	Kupfer vorderer adaptiver Flansch für Warp EVO	Code <u>C-K400053</u>
	Gold vorderer adaptiver Flansch für Quantum EVO	Code <u>C-K400054</u>
	Kupfer vorderer adaptiver Flansch für Quantum EVO	Code <u>C-K400055</u>
	Blendschutz Blendschutzart: wabenraster. Material:Pom-C, farbe:Schwarz.	Code <u>83379</u>
	Diffusor Diffusorart: filtro ellittico	Code <u>83380</u>



Diffusor
Diffusorart: ästhetischer filter

Code
83381



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

Code
83382



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

Code
83383



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

Code
83384