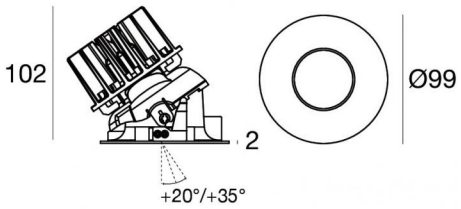
Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90

C00644WHMWF





89



Max inclination:
+20° with double panel
+35° with single panel

Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Wide 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 entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	Ja
Schwenkbarkeit	Nein
Drehbarkeit	Ja
Gesamtwinkel (horizontale Ebene)	360 °
Gesamtwinkel (vertikale Ebene)	35 °
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.4 m
Harzbeschichtung	Nein
Einbautiefe	98 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.35 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse	
Material	Technopolymer
Farbe	weiß RAL 9003

Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Transparent

Oberfläche Oberfläche strahler	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Aluminium
Bearbeitungstyp	Polieren

Elektronik



99734
Multi Power 198~264V AC / 180~275V DC (1 art.)



99732
1-10V Multi Power 198~264V AC / V DC (1 art.)



83322
Push and Simply Dim - DALI-2 Controller (1 art.)

Cables Electrification	
Cable connector	Male + Female - PVC 2x0.35mm²

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Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90
C00644WHMWF

Single emission recessed downlights for indoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 arrayled 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 white ral 9003 finish; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP40; the total weight is of 0.35 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 0.4 m length.

The device features protection class III and can be ceiling-mounted, with a 89 mm diameter hole (in plasterboard) with an outer casing, code C-C100007(for concrete or masonry).

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

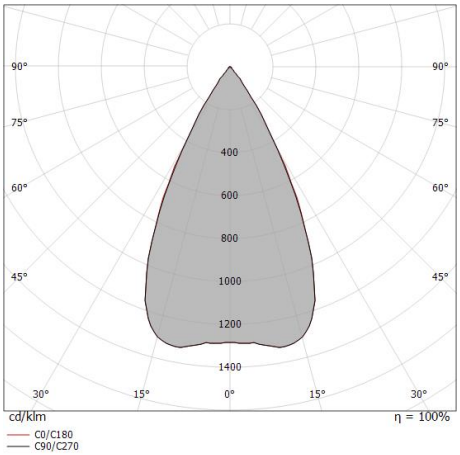
Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

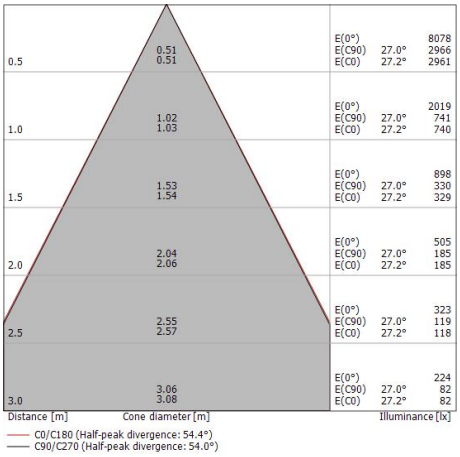
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	71 %
Lichtstrom (Lichtquelle)	2214 lm
Leuchten Lichtstrom	1572 lm
Consumption	14 W
Leuchten Lichtausbeute	112 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

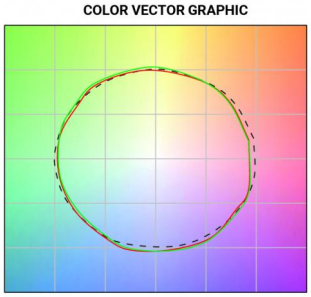
LED Life / Failure Ratio
L70 B10 C0 237566h (at Tj 65 Ta 25)
L80 B10 C0 148737h (at Tj 65 Ta 25)
L90 B10 C0 70385h (at Tj 65 Ta 25)

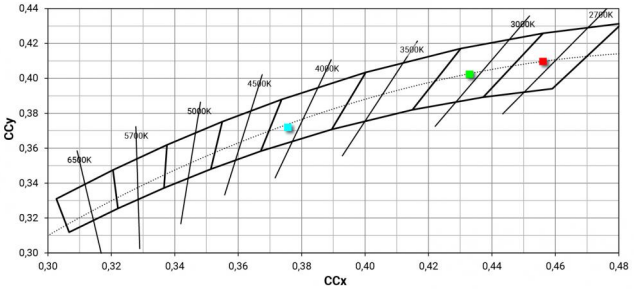
UGR	
UGR transversal	15.6
UGR axial	15.6
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	54°
Light distribution simmetry	Symmetrical









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Quantum_RJ EVO | Downlights | Accessories
C00644WHMWF



Optik
Lichtverteilung: spot,Material Verkleidung: uv beständiges polycarbonat

Code
83382



Optik
Lichtverteilung: flood,Material Verkleidung: uv beständiges polycarbonat

Code
83383



Optik
Lichtverteilung: wide flood,Material Verkleidung: uv beständiges polycarbonat

Code
83384



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

Code
83379



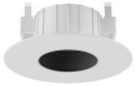
Diffusor
Diffusorart: filtro ellittico

Code
83380



Diffusor
Diffusorart: ästhetischer filter

Code
83381



Frontkit - Weißes Vos_R Frontal-Kit
Material:Technopolymer, farbe:weiß RAL 9003.

Code
83377



Frontkit - Schwarzes Vos_R Frontal-Kit
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83378

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Quantum_RJ EVO | Downlights | Accessories
C00644WHMWF



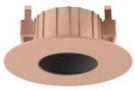
Frontkit - Gold Vos_R Frontal-Kit
Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code
C-K400050



Frontkit - Vos_RJ EVO Frontkit weiß
Material:Technopolymer, farbe:weiß RAL 9003.

Code
C-K400085



Frontkit - Kupfer Vos_R EVO Frontal Kit
Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code
C-K400051



Frontkit - Vos_RJ EVO Frontkit schwarz
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
C-K400086



Frontkit - Weißes Quantum_R Frontal-Kit
Material:Technopolymer, farbe:weiß RAL 9003.

Code
83373



Frontkit - Vos_RJ EVO Frontkit kupfer
Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code
C-K400103



Frontkit - Schwarzes Quantum_R Frontal-Kit
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83374



Frontkit - Gold Quantum_R EVO Frontal Kit
Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code
C-K400046

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Quantum_RJ EVO | Downlights | Accessories
C00644WHMWF



Frontkit - Vos_RJ EVO Frontkit gold
Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code
C-K400102



Frontkit - Quantum_RJ EVO Frontkit weiß
Material:Technopolymer, farbe:weiß RAL 9003.

Code
C-K400089



Frontkit - Quantum_RJ EVO Frontkit schwarz
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
C-K400090



Frontkit - Quantum_RJ EVO Frontkit gold
Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code
C-K400104



Frontkit - Kupfer Quantum_R EVO frontal Kit
Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code
C-K400047



Frontkit - Schwarzes Warp_R frontal-Kit
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83376



Frontkit - Weißes Warp_R frontal-Kit
Material:Technopolymer, farbe:weiß RAL 9003.

Code
83375



Frontkit - Warp_RJ EVO Frontkit weiß
Material:Technopolymer, farbe:weiß RAL 9003.

Code
C-K400091

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Quantum_RJ EVO | Downlights | Accessories
C00644WHMWF



Frontkit - Quantum_RJ EVO Frontkit kupfer
Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code
C-K400105



Frontkit - Kupfer Warp_R EVO frontal Kit
Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code
C-K400049



Frontkit - Warp_RJ EVO Frontkit schwarz
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
C-K400092



Frontkit - Warp_RJ EVO Frontkit gold
Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code
C-K400114



Frontkit - Warp_RJ EVO Frontkit Kupfer
Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code
C-K400115



Frontkit - Warp_Q EVO Frontkit schwarz
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
C-K400035



Frontkit - Warp_Q EVO Frontkit kupfer
Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code
C-K400100



Frontkit - Warp_Q EVO Frontkit weiß
Material:Technopolymer, farbe:weiß RAL 9003.

Code
C-K400034

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Quantum_RJ EVO | Downlights | Accessories
C00644WHMWF



Frontkit - Gold Warp_R EVO frontal Kit
Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code
C-K400048



Frontkit - Warp_QJ EVO Frontkit schwarz
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
C-K400096



Frontkit - Warp_QJ EVO Frontkit weiß
Material:Technopolymer, farbe:weiß RAL 9003.

Code
C-K400095



Frontkit - Warp_Q EVO Frontkit gold
Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code
C-K400099



Frontkit - Warp_QJ EVO Frontkit gold
Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code
C-K400106



Frontkit - Warp_QJ EVO Frontkit kupfer
Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code
C-K400107



Frontkit - Epitax_R EVO Frontkit
Material:Technopolymer, farbe:weiß RAL 9003.

Code
C-K400124



Frontkit - Epitax_R EVO Schwarz Frontkit
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
C-K400125

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Quantum_RJ EVO | Downlights | Accessories
C00644WHMWF



Frontkit - Epitax_R EVO Kupfer Frontkit
Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code
C-K400127



Epitax_R EVO gold Frontkit
Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code
C-K400126



Frontkit - Epitax_RJ EVO Schwarz Frontkit
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
C-K400129



Frontkit - Epitax_RJ EVO Weiß Frontkit
Material:Technopolymer, farbe:weiß RAL 9003.

Code
C-K400128





Adapterring - Gold vorderer adaptiver Flansch für Quantum EVO
Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code
C-K400054



Frontkit
Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code
C-K400130



Frontkit - Epitax_RJ EVO Frontkit Kupfer
Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code
C-K400131





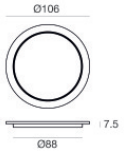
Adapterring - Schwarzer vorderer adaptiver Flansch für Quantum EVO
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83392

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Quantum_RJ EVO | Downlights | Accessories
C00644WHMWF

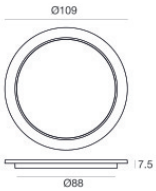




Adapterring - Weißer vorderer adaptiver Flansch für Quantum EVO
Material:Technopolymer, farbe:weiß RAL 9003.

Code
83391





Adapterring - Gold vorderer adaptiver Flansch für Warp EVO
Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code
C-K400052

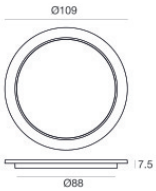




Adapterring - Kupfer vorderer adaptiver Flansch für Quantum EVO
Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code
C-K400055

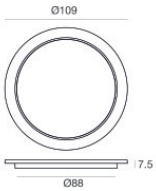




Adapterring - Kupfer vorderer adaptiver Flansch für Warp EVO
Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code
C-K400053

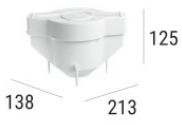




Adapterring - Schwarzer vorderer adaptiver Flansch für Warp EVO
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83390

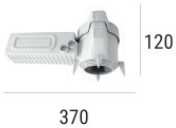




Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=213mm, H=125mm, D=138mm.
Material:Polypropylen, farbe:Weiß.

Code
89373





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

Code
89374





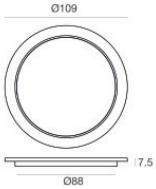
Einbaugehäuse
installationsposition: decke; typ installation: gipskarton L=147mm, H=22mm, D=147mm.
Material:PC, farbe:Weiß.

Code
C-C100007

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Quantum_RJ EVO | Downlights | Accessories
C00644WHMWF





Adapterring - Weisses vorderer adaptiver Flansch für Warp EVO
Material:Technopolymer, farbe:weiß RAL 9003.

Code
83395





Einbaugehäuse
installationsposition: decke; typ installation: gipskarton L=109mm, H=12mm, D=109mm.
Material:Aluminium, farbe:Anodised aluminium, bearbeitungstyp :Eloxierung.

Code
83065

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