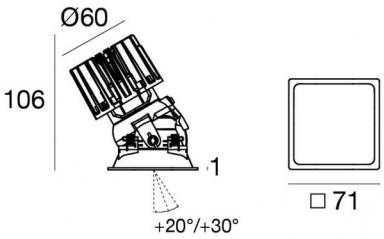
Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90
C00698BBWFL







64

Max inclination:
+20° with double panel
+30° with single panel

Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Flood
Light emission direction	downward
Lampe Nennleistung	9 W DC
Lichtstrom (Lichtquelle)	1119 lm
Eingangsspannungsbereich	700mA
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 entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	Ja
Schwenkbarkeit	Nein
Drehbarkeit	Ja
Gesamtwinkel (horizontale Ebene)	360 °
Gesamtwinkel (vertikale Ebene)	30 °
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.4 m
Harzbeschichtung	Nein
Einbautiefe	102 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.3 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	Honey comb

Oberfläche Oberfläche Gehäuse	
Material	Technopolymer
Farbe	Text black RAL9005
Bearbeitungstyp	Lackierung

Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Transparent

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

Elektronik


99147
On/Off Driver 198~264V AC (2 - 2 art.)


99735
Multi Power 198~264V AC / 180~275V DC (1 art.)


99733
1-10V Multi Power 198~264V AC / V DC (1 art.)


C-E100012
Push and Simply Dim - DALI-2 Controller (1 art.)


C-E100016
Push and Simply Dim - DALI-2 Controller (2 - 3 art.)

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

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Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90
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Single emission recessed downlights for indoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1119 lm, with a 124.3 lm/W nominal luminous efficacy.

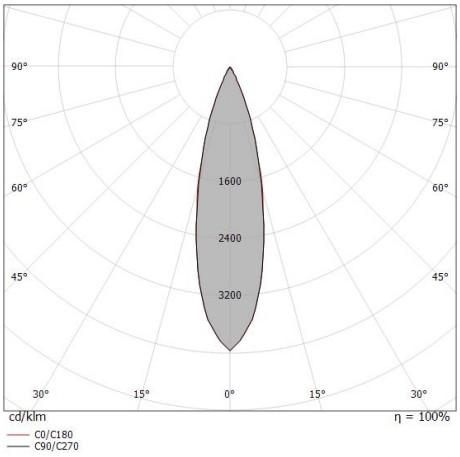
The device body is made of technopolymer and features a text black ral9005 finish, processed by means of coating; the diffuser is made of uv resistant polycarbonate.

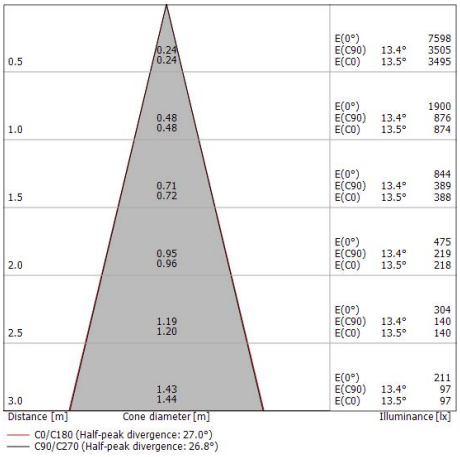
The ingress protection degree is IP40; the total weight is of 0.3 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 9 W The power supply cable is included and features a 0.4 m length.

The device features protection class III and can be ceiling-mounted, with a 64 x 64 mm hole (in plasterboard) with an outer casing, code C-C100004(for concrete or masonry).

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





Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	42 %
Lichtstrom (Lichtquelle)	1119 lm
Leuchten Lichtstrom	479 lm
Consumption	9 W
Leuchten Lichtausbeute	53 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio
L70 B10 C0 229031h (at Tj 65 Ta 25)
L80 B10 C0 143385h (at Tj 65 Ta 25)
L90 B10 C0 67839h (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	27°
Light distribution simmetry	Symmetrical

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Warp_QJ EVO | Downlights | Accessories
C00698BBWFL



Optik
Lichtverteilung: spot,Material Verkleidung: uv beständiges polycarbonat

Code
83370



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

Code
83371



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

Code
83372



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

Code
83365



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

Code
83366



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

Code
C-K400042



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

Code
C-K400083



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

Code
C-K400109

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Warp_QJ EVO | Downlights | Accessories
C00698BBWFL



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

Code
C-K400043



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

Code
C-K400108



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

Code
83361



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

Code
C-K400084



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

Code
83362



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

Code
C-K400038

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

Code
83363



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

Code
83364

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Warp_QJ EVO | Downlights | Accessories
C00698BBWFL



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

Code
C-K400039



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

Code
C-K400040



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

Code
C-K400028



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

Code
C-K400041



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

Code
C-K400081



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

Code
C-K400082



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

Code
C-K400097



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

Code
C-K400033

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Warp_QJ EVO | Downlights | Accessories
C00698BBWFL



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

Code
C-K400029



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

Code
C-K400098



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

Code
C-K400032



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

Code
C-K400094



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

Code
C-K400113



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

Code
C-K400093



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

Code
C-K400112



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

Code
C-K400119

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Warp_QJ EVO | Downlights | Accessories
C00698BBWFL



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

Code
C-K400118



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

Code
C-K400116





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

Code
83393



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

Code
C-K400117



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

Code
C-K400123



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

Code
C-K400121





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

Code
C-K400044



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

Code
C-K400120

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Warp_QJ EVO | Downlights | Accessories
C00698BBWFL





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

Code
C-K400045



Diffusor
Diffusorart: ästhetischer filter

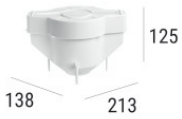
Code
83369



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

Code
83367





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

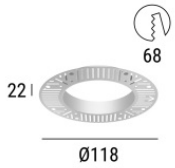
Code
89373



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

Code
C-K400122





Einbaugehäuse
installationsposition: decke; typ installation: gipskarton L=118mm, H=22mm, D=118mm.
Material:PC, farbe:Weiß.

Code
C-C100004



Diffusor
Diffusorart: filtro ellittico

Code
83368





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

Code
83394

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Warp_QJ EVO | Downlights | Accessories
C00698BBWFL

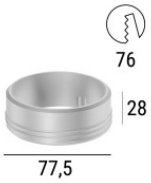




Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm.
Material:Polypropylen, farbe:Weiß.

Code
89374





Einbaugehäuse
installationsposition: decke; typ installation: gipskarton L=77.5mm, H=28mm, D=77.5mm.
Material:Aluminium, farbe:Anodised aluminium, bearbeitungstyp :Eloxierung.

Code
99849

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