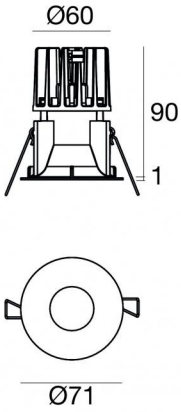
Downlights | 1 x powerLED 4 W DC 350 mA | CRI 90

77349N10







64

Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Spot
Light emission direction	downward
Lampe Nennleistung	4 W DC
Lichtstrom (Lichtquelle)	449 lm
Eingangsspannungsbereich	350mA
Ähnlichste Farbtemperatur / Tone	4000 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	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.4 m
Harzbeschichtung	Nein
Einbautiefe	90 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.2 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



89145
On/Off Driver 198~264V AC / 180~275V DC (1 art.)



99375
On/Off Driver 198~264V AC (1 - 3 art.)



C-E100010
1-10V - 0-10V Controller (1 art.)



C-E100011
Push and Simply Dim - DALI-2 Controller (1 art.)

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

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Downlights | 1 x powerLED 4 W DC 350 mA | CRI 90
77349N10

Single emission recessed downlights for indoor application. The natural white LED light source with a spot light distribution is composed of 1 powerled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 449 lm, with a 112.3 lm/W nominal luminous efficacy.

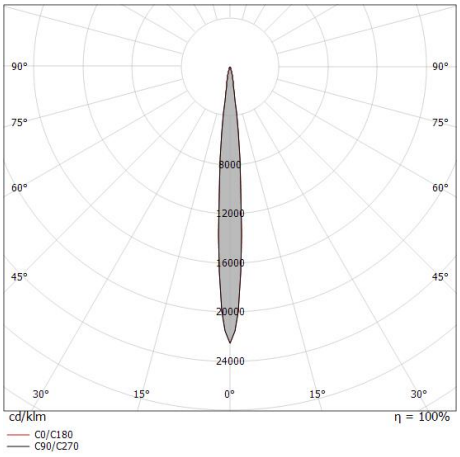
The device body is made of technopolymer and features a text black ral9005 finish, processed by means of coating; the diffuser is made of uv resistant polycarbonate.

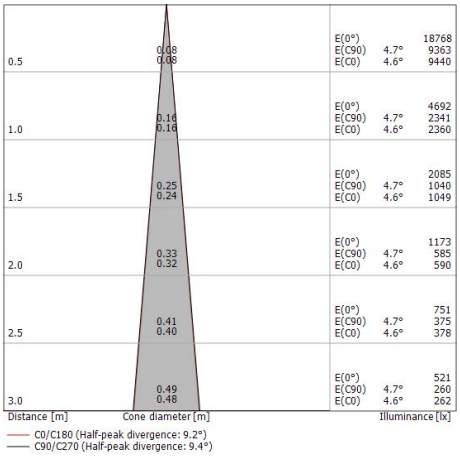
The ingress protection degree is IP40; the total weight is of 0.2 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 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 mm diameter 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 F.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	46 %
Lichtstrom (Lichtquelle)	449 lm
Leuchten Lichtstrom	209 lm
Consumption	4 W
Leuchten Lichtausbeute	52 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	5 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio
L70 B10 C0 716641h (at Tj 65 Ta 25)
L80 B10 C0 445035h (at Tj 65 Ta 25)
L90 B10 C0 205461h (at Tj 65 Ta 25)

UGR	
UGR axial	1.6
UGR transversal	1.6
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	9°
Light distribution simmetry	Symmetrical

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Quantum_R EVO | Downlights | Accessories
77349N10



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

Code
C-K400043



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

Code
C-K400083



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

Code
C-K400084



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

Code
C-K400108



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

Code
C-K400109

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Quantum_R EVO | Downlights | Accessories
77349N10



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

Code
83361



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

Code
C-K400039

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



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

Code
C-K400040



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

Code
C-K400041

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Quantum_R EVO | Downlights | Accessories
77349N10



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

Code
C-K400028



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

Code
C-K400029



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

Code
C-K400032



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

Code
C-K400033



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

Code
C-K400097



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

Code
C-K400098

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Quantum_R EVO | Downlights | Accessories
77349N10



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

Code
C-K400093



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

Code
C-K400094



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

Code
C-K400112



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

Code
C-K400113



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

Code
C-K400116



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

Code
C-K400117



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

Code
C-K400118



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

Code
C-K400119

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Quantum_R EVO | Downlights | Accessories
77349N10



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

Code
C-K400120



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

Code
C-K400121



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

Code
C-K400122



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

Code
C-K400123





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

Code
83393





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

Code
83394





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

Code
C-K400044





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

Code
C-K400045

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Quantum_R EVO | Downlights | Accessories
77349N10



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

Code
83367



Diffusor
Diffusorart: filtro ellittico

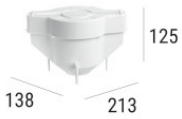
Code
83368



Diffusor
Diffusorart: ästhetischer filter

Code
83369





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

Code
89373

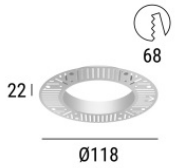




Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm.
Material:Polypropylen, farbe:Weiß.

Code
89374

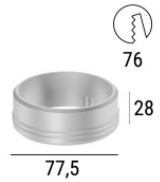




Einbaugehäuse
installationsposition: decke; typ installation: gipskarton L=118mm, H=22mm, D=118mm.
Material:PC, farbe:Weiß.

Code
C-C100004





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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