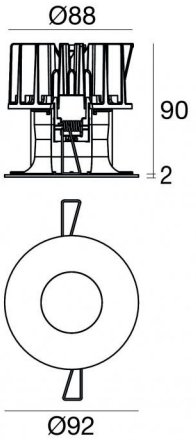
Quantum_R EVO

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



88

Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Flood
Light emission direction	downward
Nominal power	14 W DC
Source lumens	2318 lm
Input voltage range	400mA
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP40
Optical compartment IP	IP65
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.2 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.3 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Honey comb

Finishing casing	
Material	Technopolymer
Colour	White RAL 9003

Finishing diffuser	
Material	UV Resistant Polycarbonate
Colour	transparent

Finishing radiator	
Material	Die-cast Aluminium EN AB - 46100
Colour	Aluminium
Processing	Polishing

Electronics

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

99732
1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)

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

Cables Electrification	
Cable connector	JST Quick connector Male + Female

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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 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.

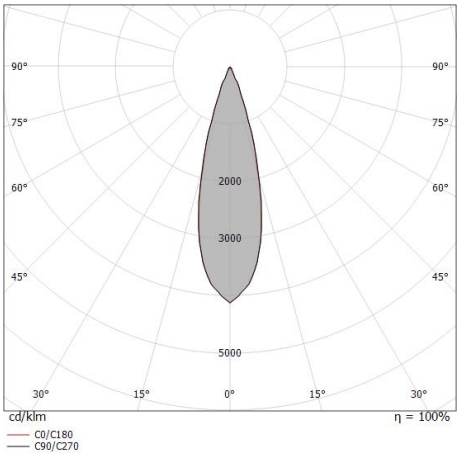
Energy efficiency class
This product contains a light source of energy efficiency class E.

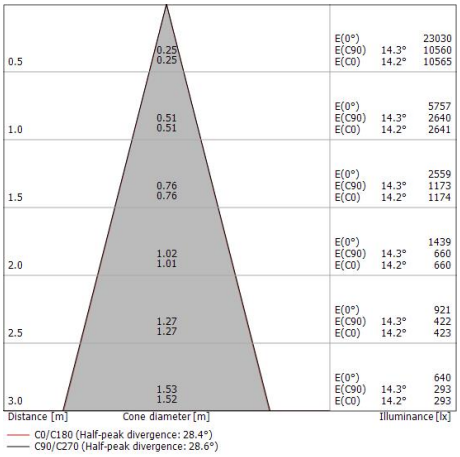
Illuminotechnical Features	
Light Output Ratio (LOR)	60 %
Source lumens	2318 lm
Delivered lumens	1397 lm
Consumption	14 W
Luminaire efficacy	99 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio
L70 B10 C0 252000h (at Tj 65 Ta 25)

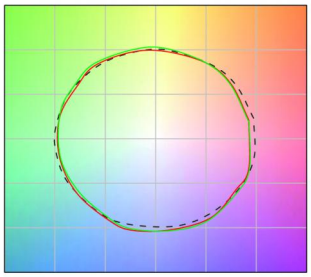
UGR	
UGR axial	7.2
UGR transversal	7.2
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

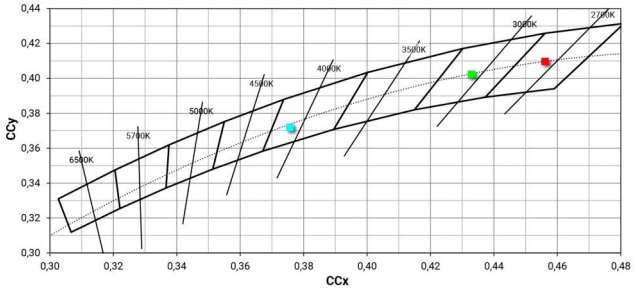
OPTICAL	
C0/C180 optics	28°
Light distribution simmetry	Symmetrical





COLOR VECTOR GRAPHIC





Quantum_R EVO

Quantum_R EVO | Downlights | Accessories
77350W30

Outer casing
installation position: ceiling; type of installation: masonry L=200mm, H=113mm, D=137mm.
Material:polypropylene, colour:white.

Code
89373

Outer casing
installation position: ceiling; type of installation: masonry L=370mm, H=120mm, D=200mm.
Material:polypropylene, colour:white.

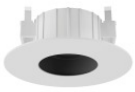
Code
89374

White Quantum_R EVO frontal Kit

Code
83373

Black Vos_R EVO frontal Kit

Code
83378



White Vos_R EVO frontal Kit

Code
83377

Black Quantum_R EVO frontal Kit

Code
83374

White Warp_R EVO frontal Kit

Code
83375

Black Warp_R EVO frontal Kit

Code
83376

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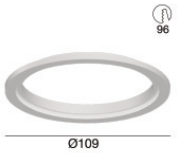
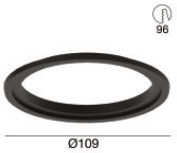


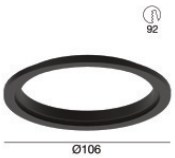
White front adaptive flange for Warp EVO

Code
83395



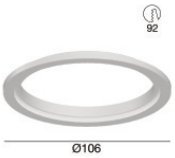
Black front adaptive flange for Warp EVO

Code
83390



Black front adaptive flange for Quantum EVO 9W-14W

Code
83392



White front adaptive flange for Quantum EVO

Code
83391

Gold Quantum_R EVO frontal Kit

Code
C-K400046

Copper Quantum EVO frontal Kit

Code
C-K400047

Copper Warp_R EVO frontal Kit

Code
C-K400049

Gold Warp_R EVO frontal Kit

Code
C-K400048

Quantum_R EVO

Quantum_R EVO | Downlights | Accessories
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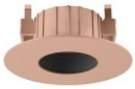
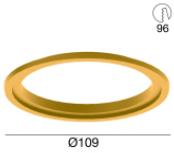
Gold Vos_R EVO frontal Kit

Code
C-K400050



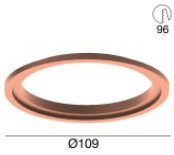
Copper Vos_R EVO frontal Kit

Code
C-K400051



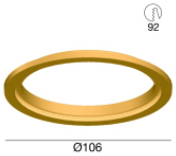
Gold front adaptive flange for Warp EVO

Code
C-K400052



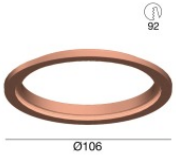
Copper front adaptive flange for Warp EVO

Code
C-K400053



Gold front adaptive flange for Quantum EVO

Code
C-K400054



Copper front adaptive flange for Quantum EVO

Code
C-K400055

Anti-glare
Anti-glare Type: honeycomb louvre.
Material:Pom-C, colour:Black.

Code
83379

Diffuser
Diffuser Type: elliptical filter

Code
83380

Quantum_R EVO

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Diffuser
Diffuser Type: aesthetic filter

Code
83381

Optics - Steel AISI 304L
Light distribution: flood,Cover material: uv resistant polycarbonate

Code
83382

Optics
Light distribution: medium flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate

Code
83383

Optics
Light distribution: wide flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate

Code
83384