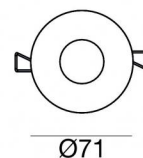
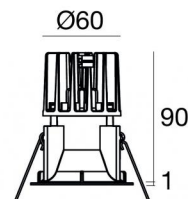


Quantum_R EVO



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 80
77346A15



| Technical data | |
|--|------------------------|
| Type | Encasement with flange |
| Installation position | Ceiling |
| Installation environment | Indoor |
| Light Source | LED |
| Circuit structure | arrayLED |
| Optics | Spot |
| Light emission direction | downward |
| Nominal power | 9 W DC |
| Source lumens | 892 lm |
| Input voltage range | 700mA |
| CCT / Tone | 2200 K |
| Colour rendering index | 80 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 | 0.2 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



99147
On/Off Driver 198~264V AC



99735
Multi Power 198~264V AC / 180~275V DC



99733
1-10V Multi Power 198~264V AC / 180~275V DC



C-E100012
Push and Simply Dim - DALI-2 Controller



C-E100016
Push and Simply Dim - DALI-2 Controller

Cables Electrification

| | |
|-----------------|-----------------------------------|
| Cable connector | JST Quick connector Male + Female |
|-----------------|-----------------------------------|



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 80 | Base 77346A15

Single emission recessed downlights for indoor application. The ancient white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 2200 K and a CRI 80; the source luminous flux is 892 lm, with a 99.1 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 0.2 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 0.2 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 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 F.

Illuminotechnical Features

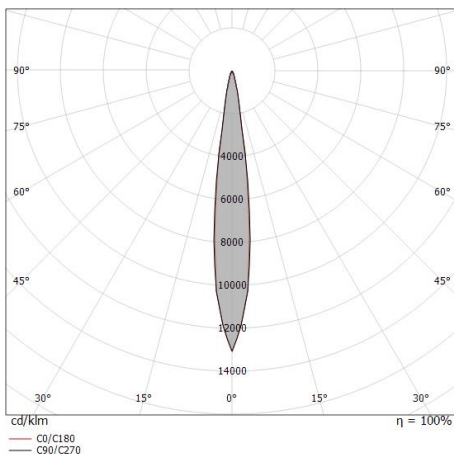
| | |
|--|----------------|
| Light Output Ratio (LOR) | 52 % |
| Source lumens | 892 lm |
| Delivered lumens | 468 lm |
| Consumption | 9 W |
| Luminaire efficacy | 52 lm/W |
| Colour temperature | 2200 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Colour rendering index | 80 Ra |
| Standard Operating Ambient Temperature | -20 / +50°C |
| Ordinary temperature on the glass | 40°C |

UGR

| | |
|-------------------|----------|
| UGR axial | 5.3 |
| UGR transversal | 5.3 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 14° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.12 0.12 | E(0°) 24440 E(C90) 7.0° 12016 E(C0) 6.9° 12015 |
| 1.0 | 0.25 0.24 | E(0°) 6110 E(C90) 7.0° 3004 E(C0) 6.9° 3004 |
| 1.5 | 0.37 0.36 | E(0°) 2716 E(C90) 7.0° 1335 E(C0) 6.9° 1335 |
| 2.0 | 0.49 0.48 | E(0°) 1528 E(C90) 7.0° 751 E(C0) 6.9° 751 |
| 2.5 | 0.61 0.61 | E(0°) 978 E(C90) 7.0° 481 E(C0) 6.9° 481 |
| 3.0 | 0.74 0.73 | E(0°) 679 E(C90) 7.0° 334 E(C0) 6.9° 334 |

Distance [m] Cone diameter [m] Illuminance [lx]

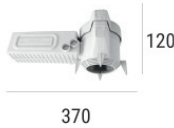
— C0/C180 (Half-peak divergence: 13.8°)
— C90/C270 (Half-peak divergence: 14.0°)



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



Optics

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

Code
83372



Optics

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

Code
83371



Optics

Light distribution: spot,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate

Code
83370



Anti-glare

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

Code
83367



Diffuser

Diffuser Type: elliptical filter

Code
83368



Diffuser

Diffuser Type: aesthetic filter

Code
83369



White Quantum_R EVO frontal Kit

Code
83361



Black Quantum_R EVO frontal Kit

Code
83362



Black Vos_R EVO frontal Kit

Code
83366



White Vos_R EVO frontal Kit

Code
83365



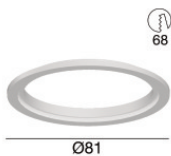
Black Warp_R EVO frontal Kit

Code
83364



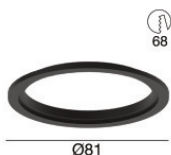
White Warp_R EVO frontal Kit

Code
83363



White front adaptive flange for Warp EVO or Quantum EVO

Code
83393



Black front adaptive flange for Warp EVO or Quantum EVO

Code
83394



Gold Quantum_R EVO frontal Kit

Code
C-K400038



Copper Quantum EVO frontal Kit

Code
C-K400039



Gold Warp_R EVO frontal Kit

Code
C-K400040



Copper Warp_R EVO frontal Kit

Code
C-K400041



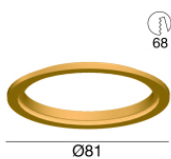
Gold Vos_R EVO frontal Kit

Code
C-K400042



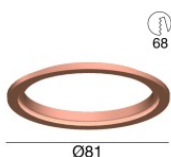
Copper Vos_R EVO frontal Kit

Code
C-K400043



Gold front adaptive flange for Warp EVO or Quantum EVO

Code
C-K400044



Copper front adaptive flange for Warp EVO or Quantum EVO

Code
C-K400045

