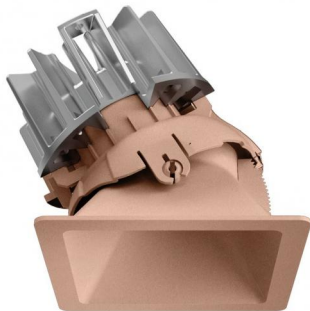


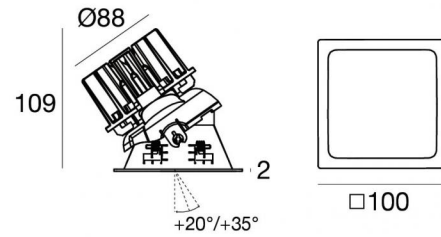
Warp_QJ EVO



Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90
C00702CUMFL



91



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

| 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 | 2214 lm |
| Input voltage range | 400mA |
| CCT / Tone | 2700 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 | Yes |
| total angle (horizontal plane) | 360 ° |
| total angle (vertical plane) | 35 ° |
| 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 | 0.35 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |
| Optics technology | Honey comb |

Finishing casing

| | |
|------------|---------------|
| Material | Technopolymer |
| Colour | copper |
| Processing | Coating |


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

 99732
1-10V Multi Power 198~264V AC / 180~275V DC

 83322
Push and Simply Dim - DALI-2 Controller



Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90 | Base C00702CUMFL

Single emission recessed downlights for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayLEDs 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 copper 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 0.35 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 0.2 m length.

The device features protection class III and can be ceiling-mounted, with a 91 x 91 mm hole (in plasterboard).

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) | 49 % |
| Source lumens | 2214 lm |
| Delivered lumens | 1091 lm |
| Consumption | 14 W |
| Luminaire efficacy | 77 lm/W |
| Colour temperature | 2700 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

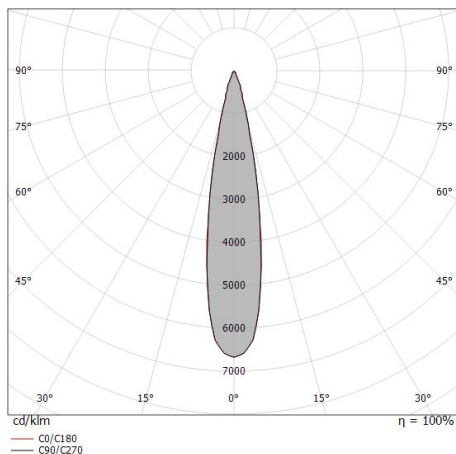
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 4.9 |
| UGR transversal | 4.9 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 20° |
| Light distribution symmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|---------------------------------|--|
| 0.5 | 0.18 (C0/C180), 0.18 (C90/C270) | E(0°) 29128 E(C90) 10.1° 13941 E(C0) 10.2° 13977 |
| 1.0 | 0.36 (C0/C180), 0.36 (C90/C270) | E(0°) 7282 E(C90) 10.1° 3485 E(C0) 10.2° 3494 |
| 1.5 | 0.53 (C0/C180), 0.54 (C90/C270) | E(0°) 3236 E(C90) 10.1° 1549 E(C0) 10.2° 1553 |
| 2.0 | 0.71 (C0/C180), 0.72 (C90/C270) | E(0°) 1820 E(C90) 10.1° 871 E(C0) 10.2° 874 |
| 2.5 | 0.89 (C0/C180), 0.90 (C90/C270) | E(0°) 1165 E(C90) 10.1° 558 E(C0) 10.2° 559 |
| 3.0 | 1.07 (C0/C180), 1.08 (C90/C270) | E(0°) 809 E(C90) 10.1° 387 E(C0) 10.2° 388 |

— C0/C180 (Half-peak divergence: 20.4°)
— C90/C270 (Half-peak divergence: 20.2°)





Warp_QJ EVO copper front kit

Code
C-K400107



Warp_QJ EVO gold front kit

Code
C-K400106



Warp_QJ EVO black front kit

Code
C-K400096



Warp_QJ EVO white front kit

Code
C-K400095



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

Code
83384



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

Code
83383



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

Code
83382



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

Code
83379



Warp_QJ EVO | Downlights | Accessories
C00702CUMFL



Diffuser
Diffuser Type: elliptical filter

Code
83380



Diffuser
Diffuser Type: aesthetic filter

Code
83381