

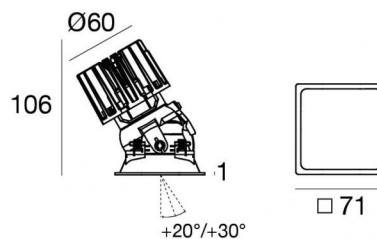
# Warp\_QJ EVO



Downlights | 1 x powerLED 4 W DC 350 mA | CRI 90  
C00699AUMNS



64



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

Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLED
Optics	Narrow Spot
Light emission direction	downward
Nominal power	4 W DC
Source lumens	389 lm
Input voltage range	350mA
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)	30 °
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

## Finishing casing

Material	Technopolymer
Colour	gold
Processing	Coating


## Finishing diffuser

Material	UV Resistant Polycarbonate
Colour	transparent


## Finishing radiator

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

## Electronics

 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.)



Downlights | 1 x powerLED 4 W DC 350 mA | CRI 90 | Base  
**C00699AUMNS**

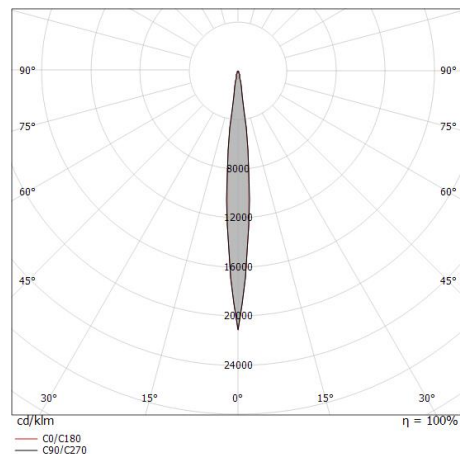
Single emission recessed downlights for indoor application. The super warm white LED light source with a narrow spot light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 389 lm, with a 97.3 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a gold 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 4 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 x 64 mm hole (in plasterboard).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.09 0.08	E(0°) 19232 E(C90) 4.9° 9668 E(C0) 4.7° 9643
1.0	0.17 0.16	E(0°) 4808 E(C90) 4.9° 2417 E(C0) 4.7° 2411
1.5	0.26 0.25	E(0°) 2137 E(C90) 4.9° 1074 E(C0) 4.7° 1071
2.0	0.34 0.33	E(0°) 1202 E(C90) 4.9° 604 E(C0) 4.7° 603
2.5	0.43 0.41	E(0°) 769 E(C90) 4.9° 387 E(C0) 4.7° 386
3.0	0.51 0.49	E(0°) 534 E(C90) 4.9° 269 E(C0) 4.7° 268

— C0/C180 (Half-peak divergence: 9.4°)  
— C90/C270 (Half-peak divergence: 9.8°)

### Energy efficiency class

This product contains a light source of energy efficiency class F.

### Illuminotechnical Features

Light Output Ratio (LOR)	58 %
Source lumens	389 lm
Delivered lumens	228 lm
Consumption	4 W
Luminaire efficacy	57 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
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 247450h (at Tj 60 Ta 25 )

### UGR

UGR axial	5.4
UGR transversal	5.4
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	9°
Light distribution simmetry	Symmetrical





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



Warp\_QJ EVO black front kit

**Code**  
C-K400094



Warp\_QJ EVO white front kit

**Code**  
C-K400093



Warp\_QJ EVO gold front kit

**Code**  
C-K400112



Warp\_QJ EVO copper front kit

**Code**  
C-K400113