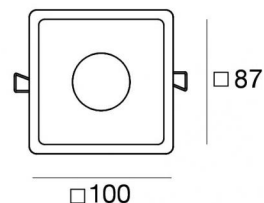
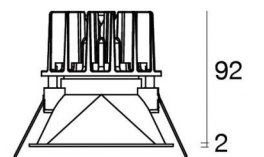


Warp_Q EVO



Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90
C00218WHWMW



Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Medium Wide 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	0.35 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.)



Downlights | 1 arrayLED 14 W DC 400 mA | CRI 90 | Base C00218WHMMW

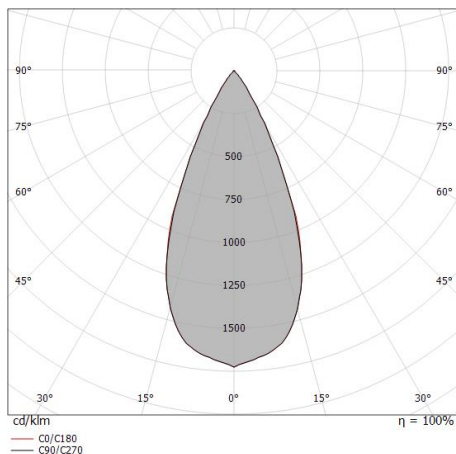
Single emission recessed downlights for indoor application. The warm white LED light source with a medium wide flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2318 lm, with a 165.6 lm/W nominal luminous efficacy.

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 0.35 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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.43	E(0°) 7059 E(C90) 2750 E(C0) 2740
1.0	0.86	E(0°) 1765 E(C90) 688 E(C0) 685
1.5	1.29	E(0°) 784 E(C90) 306 E(C0) 304
2.0	1.72	E(0°) 441 E(C90) 172 E(C0) 171
2.5	2.15	E(0°) 282 E(C90) 110 E(C0) 110
3.0	2.58	E(0°) 196 E(C90) 76 E(C0) 76

— C0/C180 (Half-peak divergence: 47.0°)
— C90/C270 (Half-peak divergence: 46.6°)

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	44 %
Source lumens	2318 lm
Delivered lumens	1024 lm
Consumption	14 W
Luminaire efficacy	73 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)

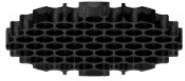
UGR

UGR axial	11.5
UGR transversal	11.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	47°
Light distribution simmetry	Symmetrical





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

Code
83379



Diffuser
Diffuser Type: elliptical filter

Code
83380



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

Code
83383



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

Code
83384



Warp_Q EVO copper front kit

Code
C-K400100



Warp_Q EVO gold front kit

Code
C-K400099

Warp_Q EVO



Warp_Q EVO | Downlights | Accessories

C00218WHWMW



Warp_Q EVO white front kit

Code

C-K400034



Warp_Q EVO black front kit

Code

C-K400035