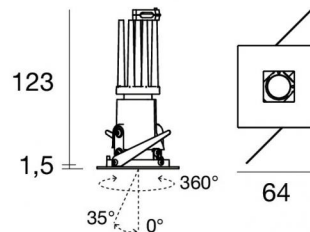




Downlights | 1 arrayLED 6 W DC 700 mA | CRI 90
C00938WHNMW



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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	6 W DC
Source lumens	805 lm
Input voltage range	700mA
CCT / Tone	4000 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP44
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	0.17 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.128 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	black
Processing	Powder coating

Finishing flange

Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Powder coating

Finishing radiator

Material	Die-cast Aluminium EN AB - 46100
Processing	Tumbling

Electronics

-  99147
On/Off Driver 198-264V AC (1 - 4 art.)
-  99735
Multi Power 198-264V AC / 180-275V DC (1 art.)
-  99733
1-10V Multi Power 198-264V AC / 180-275V DC (1 art.)
-  C-E100012
Push and Simply Dim - DALI-2 Controller (1 art.)
-  C-E100016
Push and Simply Dim - DALI-2 Controller (1 - 4 art.)

Cables Electrification

Cable connector	No
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Downlights | 1 arrayLED 6 W DC 700 mA | CRI 90 | Base C00938WHNMW

Single emission recessed downlights for indoor application. The natural white LED light source with a medium wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 805 lm, with a 134.2 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating. The ingress protection degree is IP44; the total weight is of 0.128 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6 W. The power supply cable is included and features a 0.17 m length.

The device features protection class III and can be ceiling-mounted, with a 56 mm diameter 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 F.

Illuminotechnical Features

Light Output Ratio (LOR)	35 %
Source lumens	805 lm
Delivered lumens	283 lm
Consumption	6 W
Luminaire efficacy	47 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

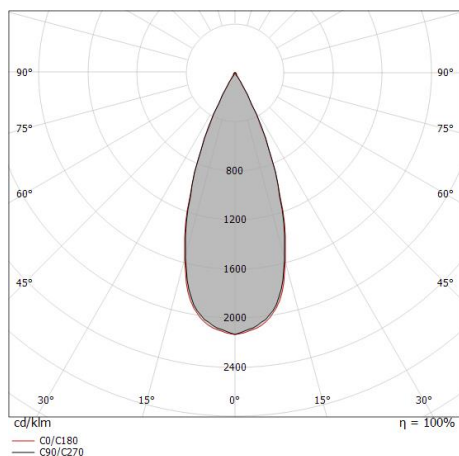
L70 B10 C0 134020h (at Tj 65 Ta 25)

UGR

UGR axial	12.9
UGR transversal	9.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	40°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.36 0.37	E(0°) 2417 E(C90) 20.0° 1006 E(C0) 20.1° 1008
1.0	0.73 0.73	E(0°) 604 E(C90) 20.0° 251 E(C0) 20.1° 252
1.5	1.09 1.10	E(0°) 269 E(C90) 20.0° 112 E(C0) 20.1° 112
2.0	1.46 1.46	E(0°) 151 E(C90) 20.0° 63 E(C0) 20.1° 63
2.5	1.82 1.83	E(0°) 97 E(C90) 20.0° 40 E(C0) 20.1° 40
3.0	2.18 2.20	E(0°) 67 E(C90) 20.0° 28 E(C0) 20.1° 28

— C0/C180 (Half-peak divergence: 40.2°)
— C90/C270 (Half-peak divergence: 40.0°)