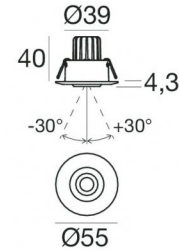


Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80
97044M30



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Technical data	
Type	Encasement with flange
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLED
Optics	Medium Flood
Light emission direction	downward
Nominal power	2 W DC
Source lumens	219 lm
Current intensity	630mA
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP20
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)	60 °
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.12 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.065 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	TVS

Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	Embossed white RAL 9003
Processing	Powder coating

Electronics

	89147 On/Off Driver 198~264V AC / 180~275V DC
	99105 On/Off Driver 198~264V AC
	99374 On/Off Driver 198~264V AC / 185~275V DC 75 W
	99710 1-10V Converter 24V DC
	99713 DALI Converter 24V DC
	99376 On/Off Driver 198~264V AC

Cables Electrification

Cable connector	No
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Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80 | Base 97044M30

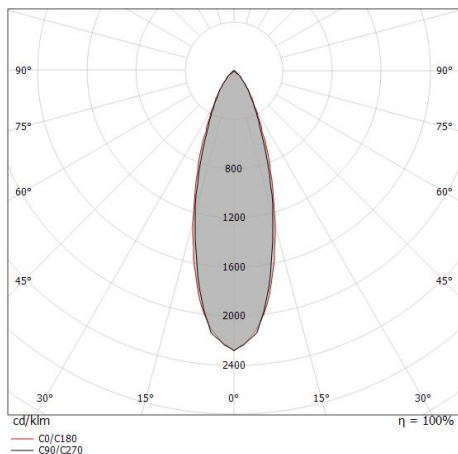
Single emission downlights for indoor application. The super warm LED light source with a medium flood light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 219 lm, with a 109.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a embossed white ral 9003 finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.065 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 2 W. The power supply cable is included and features a 0.12 m length.

The device features protection class III and can be wall lights or ceiling-mounted, with a 43 mm diameter hole (in plasterboard) with an outer casing, code 84902(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.29 0.30	E(0°) 1332 E(C90) 593 E(C0) 590
1.0	0.57 0.60	E(0°) 333 E(C90) 148 E(C0) 148
1.5	0.86 0.89	E(0°) 148 E(C90) 66 E(C0) 66
2.0	1.15 1.19	E(0°) 83 E(C90) 37 E(C0) 37
2.5	1.43 1.49	E(0°) 53 E(C90) 24 E(C0) 24
3.0	1.72 1.79	E(0°) 37 E(C90) 16 E(C0) 16

— C0/C180 (Half-peak divergence: 33.2°)
— C90/C270 (Half-peak divergence: 32.0°)

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	67 %
Source lumens	219 lm
Delivered lumens	147 lm
Consumption	2,0 W
Luminaire efficacy	73 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	1.5 Step
Colour rendering index	80 Ra

Standard Operating Ambient Temperature -20 / +50°C

Ordinary temperature on the glass 40°C

LED Life / Failure Ratio

L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	19.4
UGR transversal	19.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	32°
Light distribution simmetry	Symmetrical



Outer casing

Type of installation: masonry L=62mm, H=50mm, D=50mm

Code

84902