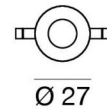
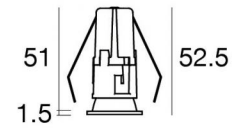




Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90
C00771BBMSP



Technical data

Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLED
Optics	Spot
Light emission direction	downward
Nominal power	2 W DC
Source lumens	227 lm
Input voltage range	630mA
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP20
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	0.3 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.021 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	Technopolymer
Colour	Black
Processing	Coating


Finishing diffuser

Material	UV Resistant Polycarbonate
Colour	transparent


Finishing radiator

Material	Die-cast Aluminium
Colour	Aluminium
Processing	Tumbling

Electronics

 89147
On/Off Driver 198-264V AC / 180-275V DC (1 - 2 art.)

 99105
On/Off Driver 198-264V AC (6 - 12 art.)

 99376
On/Off Driver 198-264V AC (3 - 6 art.)



Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90 | Base C00771BBMSP

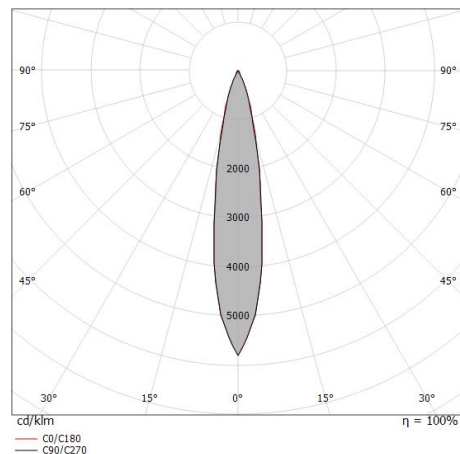
Single emission recessed downlights for indoor application. The super warm white LED light source with a spot light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 227 lm, with a 113.5 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a black finish, processed by means of coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP20; the total weight is of 0.021 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 0.3 m length.

The device features protection class III and can be ceiling-mounted, with a 24 mm diameter hole (in plasterboard) with an outer casing, code 89374(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.17 0.17	E(0°) 3352 E(C90) 1613 E(C0) 1625
1.0	0.34 0.33	E(0°) 838 E(C90) 403 E(C0) 406
1.5	0.51 0.50	E(0°) 372 E(C90) 179 E(C0) 181
2.0	0.68 0.66	E(0°) 210 E(C90) 101 E(C0) 102
2.5	0.85 0.83	E(0°) 134 E(C90) 65 E(C0) 65
3.0	1.01 0.99	E(0°) 93 E(C90) 45 E(C0) 45

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 18.8°)
— C90/C270 (Half-peak divergence: 19.2°)

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	63 %
Source lumens	227 lm
Delivered lumens	145 lm
Consumption	2,0 W
Luminaire efficacy	72 lm/W
Colour temperature	2700 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 B20 C0 214455h (at Tj 60 Ta 25)

UGR

UGR axial	17
UGR transversal	17.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	19°
Light distribution simmetry	Symmetrical



Modoc_R | Downlights | Accessories
C00771BBMSP



Outer casing

installation position: ceiling; type of installation: masonry L=200mm, H=113mm, D=137mm.
Material:polypropylene, colour:white.

Code

89373



Outer casing

installation position: ceiling; type of installation: masonry L=370mm, H=120mm, D=200mm.
Material:polypropylene, colour:white.

Code

89374