

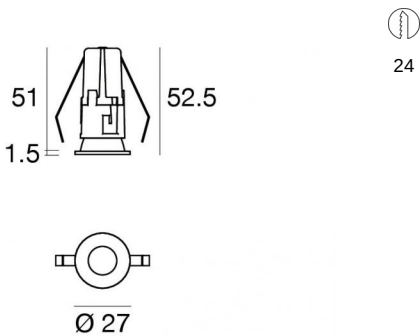
Modoc_R



Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90
C00771WHMSP



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	white
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
	99105 On/Off Driver 198~264V AC
	99374 On/Off Driver 198~264V AC / 176~275V DC 75 W
	99710 1-10V Converter 24V DC
	99713 DALI Converter 24V DC
	99376 On/Off Driver 198~264V AC

Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90 | Base C00771WHMSP

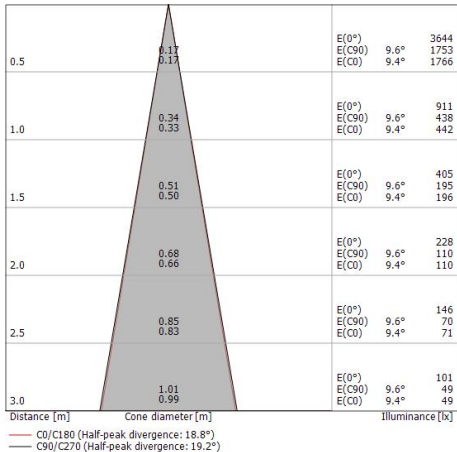
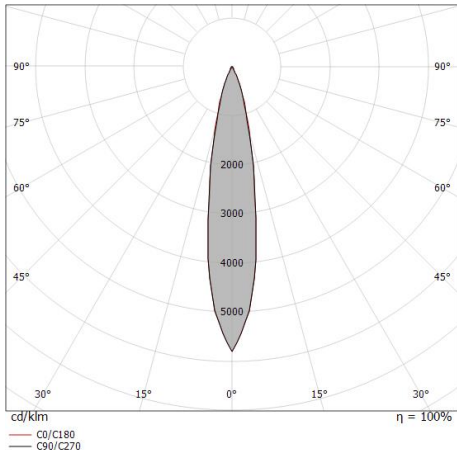
Single emission recessed downlights for indoor application. The super warm white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 227 lm, with a 113.5 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white finish; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP20; 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.



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

Illuminotechnical Features	
Light Output Ratio (LOR)	69 %
Source lumens	227 lm
Delivered lumens	157 lm
Consumption	2,0 W
Luminaire efficacy	78 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	17.3
UGR transversal	17.4
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
C00771WHMSP



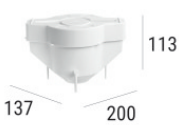
Outer casing

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

Material:polypropylene, colour:white.

Code

89374



Outer casing

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

Material:polypropylene, colour:white.

Code

89373