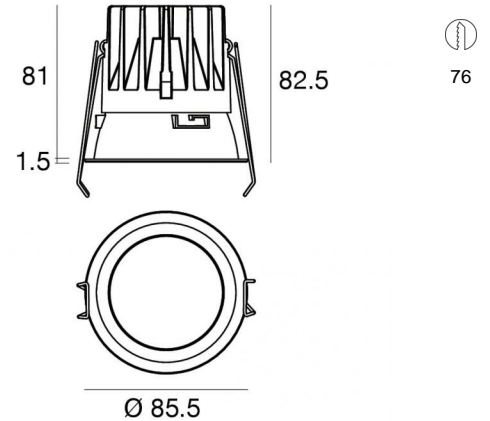


Modoc_R



Downlights | 1 arrayLED 10 W DC 300 mA | CRI 90
C00580WHWSP



Technical data

Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	downward
Nominal power	10 W DC
Source lumens	1787 lm
Input voltage range	300mA
CCT / Tone	3000 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	0.227 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

 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 10 W DC 300 mA | CRI 90 | Base C00580WHWSP

Single emission recessed downlights for indoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1787 lm, with a 178.7 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 total weight is of 0.227 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 10 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 76 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 E.

Illuminotechnical Features

Light Output Ratio (LOR)	70 %
Source lumens	1787 lm
Delivered lumens	1265 lm
Consumption	10 W
Luminaire efficacy	126 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

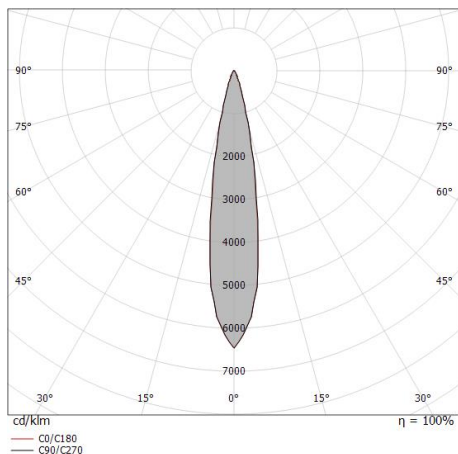
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	11
UGR transversal	11
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

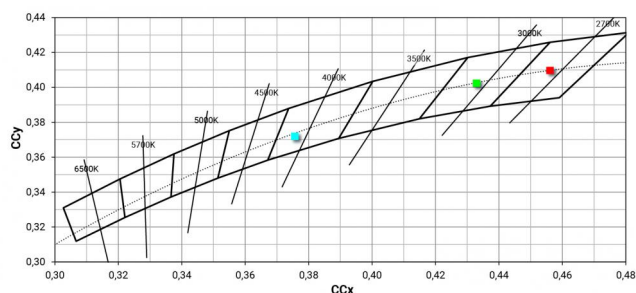
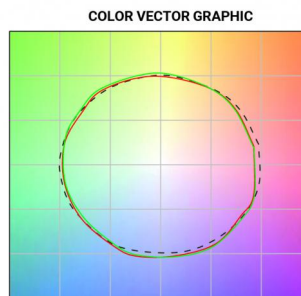
OPTICAL

C0/C180 optics	19°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.17	32676
1.0	0.34	8169
1.5	0.51	3631
2.0	0.68	2042
2.5	0.85	1307
3.0	1.01	908

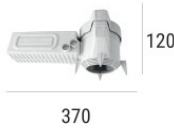
— C0/C180 (Half-peak divergence: 18.8°)
— C90/C270 (Half-peak divergence: 19.2°)





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



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: medium wide flood,Cover material: uv resistant polycarbonate

Code
C-K400132



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

Code
83384



Diffuser
 Diffuser Type: elliptical filter

Code
C-U300019

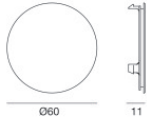


Diffuser
 Diffuser Type: transparent closing screen.
 Material:PC, colour:transparent.

Finish **Code**
 Transp. C-U300035



Modoc_R | Downlights | Accessories
C00580WHWSP



Diffuser - Warning: to use the accessory it is necessary to remove the optics installed on the lamp
Diffuser Type: diffused closing screen.
Material:PC, colour:opaline.

Finish
Opaline

Code
C-U300036



Tool - Suction cup for extracting optics
Material:Silicone, colour:transparent.

Code
C-F600002