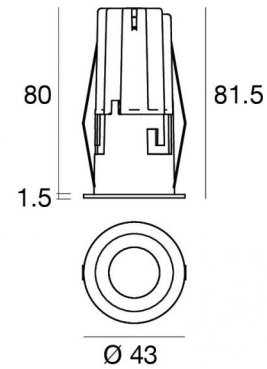




Downlights | 1 arrayLED 6 W DC 500 mA | CRI 90  
**C00579BBNWF**



37

## Technical data

Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Wide Flood
Light emission direction	downward
Nominal power	6 W DC
Source lumens	919 lm
Input voltage range	500mA
CCT / Tone	4000 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	0.086 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

	99106 On/Off Driver 198-264V AC (2 - 3 art.)
	99377 On/Off Driver 198-264V AC (1 art.)
	C-E100004 1-10V - 0-10V Controller (1 art.)
	C-E100005 Push and Simply Dim - DALI-2 Controller (1 art.)
	C-E100001 Push and Simply Dim - DALI-2 Multi Power 198-264V AC / 180-275V DC (2 - 3 art.)



## Downlights | 1 arrayLED 6 W DC 500 mA | CRI 90 | Base C00579BBNWF

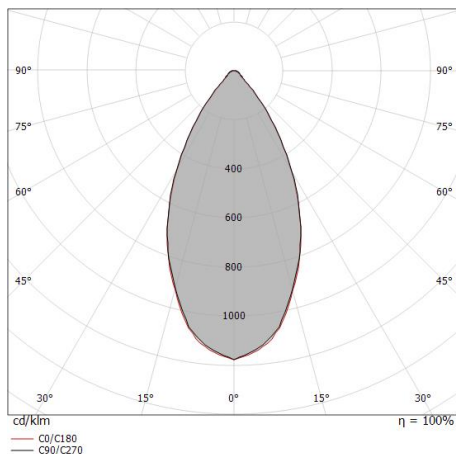
Single emission recessed downlights for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 919 lm, with a 153.2 lm/W nominal luminous efficacy.

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 0.086 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 0.3 m length.

The device features protection class III and can be ceiling-mounted, with a 37 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]	Beam diameter [m]	E(0°) [lx]	E(C0) [lx]
0.5	0.49	0.49	2269	818
1.0	0.99	0.99	567	205
1.5	1.48	1.48	252	91
2.0	1.98	1.98	142	51
2.5	2.47	2.47	91	38
3.0	2.97	2.97	63	23

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0/C180 (Half-peak divergence: 52.6°)

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	52 %
Source lumens	919 lm
Delivered lumens	483 lm
Consumption	6 W
Luminaire efficacy	80 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 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 112960h (at Tj 65 Ta 25 )

### UGR

UGR axial	25.8
UGR transversal	25.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	53°
Light distribution simmetry	Symmetrical



Modoc\_R | Downlights | Accessories  
**C00579BBNWF**

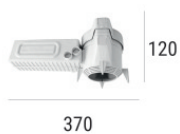


Outer casing

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