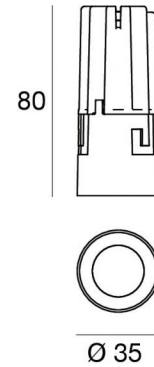




Downlights | 1 arrayLED 6 W DC 500 mA | CRI 90  
**C00692WHTSP**



Technical data	
Type	Encasement without flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	downward
Nominal power	6 W DC
Source lumens	897 lm
Input voltage range	500mA
CCT / Tone	3500 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	0.082 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

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



Downlights | 1 arrayLED 6 W DC 500 mA | CRI 90 | Base C00692WHTSP

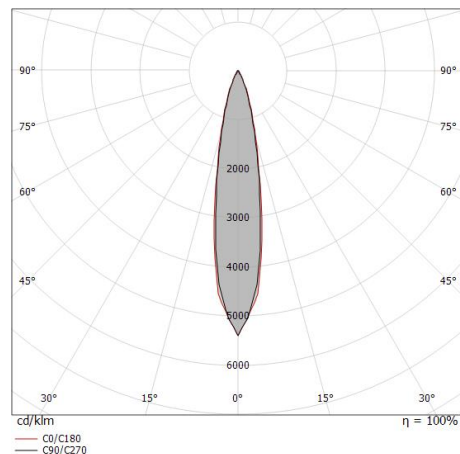
Single emission recessed downlights for indoor application. The brilliant white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3500 K and a CRI 90; the source luminous flux is 897 lm, with a 149.5 lm/W nominal luminous efficacy.

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 total weight is of 0.082 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 an outer casing, code C-C100006(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.11 0.17	E(0°) 14285 E(C90) 9.6° 6864 E(C0) 9.9° 6858
1.0	0.34 0.35	E(0°) 3571 E(C90) 9.6° 1716 E(C0) 9.9° 1714
1.5	0.51 0.52	E(0°) 1587 E(C90) 9.6° 763 E(C0) 9.9° 762
2.0	0.68 0.70	E(0°) 893 E(C90) 9.6° 429 E(C0) 9.9° 429
2.5	0.85 0.87	E(0°) 571 E(C90) 9.6° 275 E(C0) 9.9° 274
3.0	1.01 1.05	E(0°) 397 E(C90) 9.6° 191 E(C0) 9.9° 190

## Energy efficiency class

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

## Illuminotechnical Features

Light Output Ratio (LOR)	73 %
Source lumens	897 lm
Delivered lumens	662 lm
Consumption	6 W
Luminaire efficacy	110 lm/W
Colour temperature	3500 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

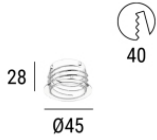
L70 B10 C0 112960h (at Tj 65 Ta 25 )

## UGR

UGR axial	21.3
UGR transversal	21.3
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL

C0/C180 optics	19°
Light distribution simmetry	Symmetrical



Outer casing - Frameless outer-casing

installation position: ceiling; type of installation: drywall L=45mm, H=28mm, D=45mm.

Material:PC, colour:transparent.

Finish	Code
Transp.	C-C100006