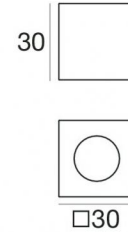




Ceiling Downlights | 1 x powerLED 2 W DC 630 mA
CRI 90
C00321WHWWF




Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	powerLED
Optics	Extra Wide Flood
Light emission direction	downward
Nominal power	2 W DC
Source lumens	213 lm
Input voltage range	630mA
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP52
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	0.12 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.116 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	TVS


Finishing casing

Material	OT58 brass
Colour	White
Processing	Powder coating

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.)



Ceiling Downlights | 1 x powerLED 2 W DC 630 mA | CRI 90 | Base C00321WHWWF

Single emission ceiling downlights for indoor application. The warm white LED light source with a extra wide flood light distribution is composed of 1 powerLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 213 lm, with a 106.5 lm/W nominal luminous efficacy.

The device body is made of ot58 brass and features a white finish, processed by means of powder coating. The ingress protection degree is IP52; the total weight is of 0.116 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 0.12 m length.

The device features protection class III and can be ceiling-mounted.

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)	99 %
Source lumens	213 lm
Delivered lumens	212 lm
Consumption	2,0 W
Luminaire efficacy	106 lm/W
Colour temperature	3000 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

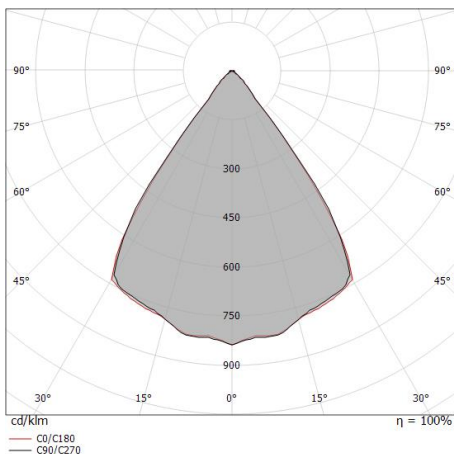
L70 B20 C0 214455h (at Tj 60 Ta 25)

UGR

UGR axial	26.4
UGR transversal	26.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	71°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.73 0.72	E(0°) 711 E(C90) 192 E(C0) 194
1.0	1.45 1.44	E(0°) 178 E(C90) 48 E(C0) 48
1.5	2.18 2.16	E(0°) 79 E(C90) 21 E(C0) 22
2.0	2.91 2.87	E(0°) 44 E(C90) 12 E(C0) 12
2.5	3.63 3.59	E(0°) 28 E(C90) 8 E(C0) 8
3.0	4.36 4.31	E(0°) 20 E(C90) 5 E(C0) 5

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 71.4°)
— C90/C270 (Half-peak divergence: 72.0°)