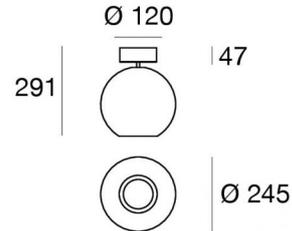


Ceiling Downlights | 198-264 V | 36 topLED 10 W DC - 11 W AC | CRI 90

CA089DLUMDI



Technical data	
Type	Ceiling Downlights
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	10 W DC
Total Power	11 W
Source lumens	1338 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	Phase cut
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Double emission
Electrostatic discharge protection	Yes
Surge protection	Yes

#### Finishing casing

Material	Aluminium
Colour	Text deep blue (R5011)
Processing	Coating

#### Finishing diffuser

Material	Glass
Colour	Transparent

#### Finishing mounting frame

Material	Iron
Colour	Text deep blue (R5011)
Processing	Coating

Ceiling Downlights | 198-264 V | 36 topLED 10 W DC - 11 W AC | CRI 90 | Base  
**CA089DLUMDI**

Double emission ceiling downlights for indoor application. The super warm white LED light source with a diffused light distribution is composed of 36 topLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1338 lm, with a 133.8 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a text deep blue (r5011) finish, processed by means of coating; the diffuser is made of glass; the mounting frame is made of iron, with a text deep blue (r5011) finish, processed by means of coating.

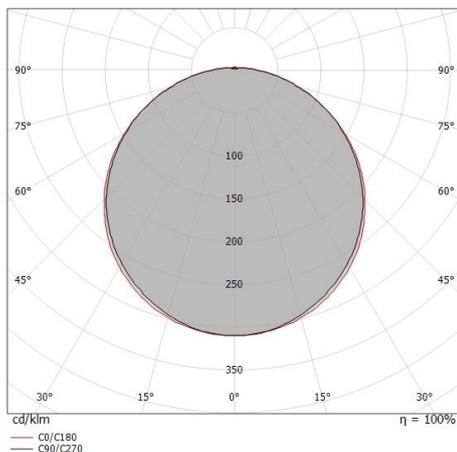
The ingress protection degree is IP20;

The total absorbed power is 11 W

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

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

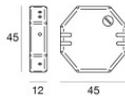
Illuminotechnical Features	
Light Output Ratio (LOR)	84 %
Source lumens	1338 lm
Delivered lumens	1127 lm
Consumption	11 W
Luminaire efficacy	102 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +50°C
LED Life / Failure Ratio	
L70 B20 C0 72500h (at Tj 115 Ta 25 )	



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.59 1.63	E(0°) 1397 E(C90) 57.9° 105 E(C0) 58.5° 100
1.0	3.19 3.26	E(0°) 349 E(C90) 57.9° 26 E(C0) 58.5° 25
1.5	4.78 4.90	E(0°) 155 E(C90) 57.9° 12 E(C0) 58.5° 11
2.0	6.38 6.53	E(0°) 87 E(C90) 57.9° 7 E(C0) 58.5° 6
2.5	7.97 8.16	E(0°) 56 E(C90) 57.9° 4 E(C0) 58.5° 4
3.0	9.56 9.79	E(0°) 39 E(C90) 57.9° 3 E(C0) 58.5° 3

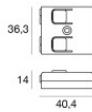
— C0/C180 (Half-peak divergence: 117.0°)  
— C90/C270 (Half-peak divergence: 115.8°)

Cristalbolla\_S | Ceiling Downlights | Accessories  
**CA089DLUMDI**



Dimmer - Phase cut (Max 100W) - Essential for dimming the lamp  
220-240V

**Code**  
KIT0026



Dimmer - Phase cut CASAMBI - Essential for dimming the lamp with Casambi  
Radio-frequenza, 85-240V

**Code**  
KIT0080