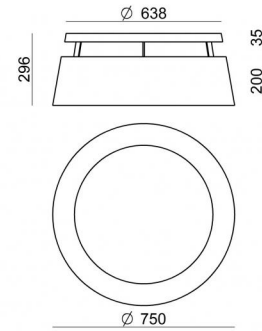




Ceiling Lights | 220-240 V  
200 topLED 42 W DC - 50 W AC | CRI 90  
**8088**



Technical data	
Designer	Pio e Tito Toso
Construction year	2016
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward and upward
Power	42 W
Source lumens	5670 lm
Frequency	60 - 50 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP20
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Double emission
Net weight	12,200 Kg
Electrostatic discharge protection	No
Surge protection	No

### Finishing casing

Material	PU
Colour	Azure/white

### Finishing diffuser

Material	PMMA
Colour	transparent
Processing	Laser engravings

### Finishing mounting frame

Material	Iron
Colour	white
Processing	Coating



Ceiling Lights | 220-240 V | 200 topLED 42 W DC - 50 W AC | CRI 90 | Base 8088

Double emission ceiling lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 200 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 5670 lm, with a 135.0 lm/W nominal luminous efficacy.

The device body is made of pu and features a azure/white finish; the diffuser is made of pmma with a laser engravings treatment; the mounting frame is made of iron, with a white finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 12,200 kg.

The total absorbed power is 42 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)	57 %
Source lumens	5670 lm
Delivered lumens	3255 lm
Consumption	50 W
Luminaire efficacy	65 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25

### LED Life / Failure Ratio

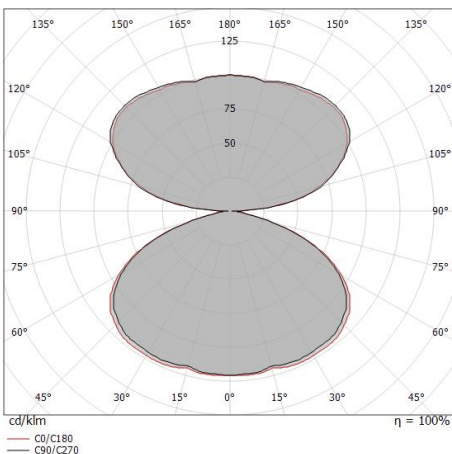
L80 B20 C0 80000h
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### UGR

UGR axial	11.6
UGR transversal	11.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	138°

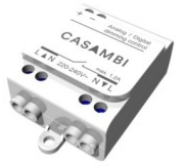


Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	2.61 2.63	E(0°) 1576 E(C90) 36 E(C0) 36
1.0	5.21 5.27	E(0°) 394 E(C90) 9 E(C0) 9
1.5	7.82 7.90	E(0°) 175 E(C90) 4 E(C0) 4
2.0	10.42 10.53	E(0°) 98 E(C90) 2 E(C0) 2
2.5	13.03 13.16	E(0°) 63 E(C90) 1 E(C0) 1
3.0	15.63 15.80	E(0°) 44 E(C90) 1 E(C0) 1

— C0/C180 (Half-peak divergence: 138.4°)  
— C90/C270 (Half-peak divergence: 138.0°)



8088



Dimmer  
Bluetooth, 220-240V

**Code**  
KIT0079