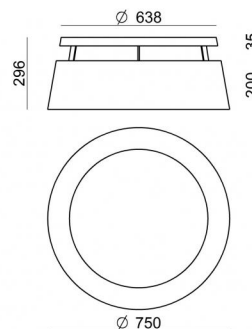


Oxygen_S



Ceiling Lights | 220-240 V
200 topLED 42 W DC - 50 W AC | CRI 90
8086



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	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 8086

Double emission ceiling lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 200 topLED LEDs 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 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

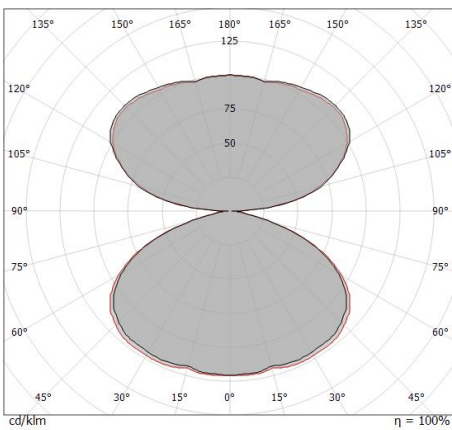
L80 B20 C0 80000h

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°

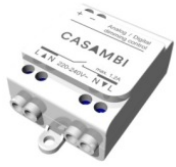


Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	2.61 2.63	E(0°) 1576 E(C90) 36 E(C0) 36
1.0	5.21 5.27	E(0°) 394 E(C90) 9 E(C0) 9
1.5	7.82 7.90	E(0°) 175 E(C90) 4 E(C0) 4
2.0	10.42 10.53	E(0°) 98 E(C90) 2 E(C0) 2
2.5	13.03 13.16	E(0°) 63 E(C90) 1 E(C0) 1
3.0	15.63 15.80	E(0°) 44 E(C90) 1 E(C0) 1

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



8086



Dimmer
Bluetooth, 220-240V

Code
KIT0079