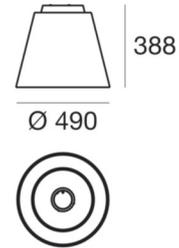




Ceiling Lights | 220-240 V | topLED 23 W 500 mA | CRI 90
10331



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward and upward
Power	23 W
Source lumens	2794 lm
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
AC / DC	AC
Safety class	1
IP	IP20
Optical compartment IP	IP40
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	No
Fire Rated (BS 476 PT21 compliant)	No
Driver included	Driver
Induction	No
Emergency mode	No
Motion sensor	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Double emission
Net weight	3.500 Kg

Finishing diffuser	
Material	PE
Colour	neutral

Finishing mounting frame	
Material	Iron
Colour	embossed white RAL 9003
Processing	Coating

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Double emission ceiling lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 104 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2794 lm, with a 121.5 lm/W nominal luminous efficacy.

The diffuser is made of pe; the mounting frame is made of iron, with a embossed white ral 9003 finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 3.500 kg.

The total absorbed power is 23 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)	77 %
Source lumens	2794 lm
Delivered lumens	2160 lm
Consumption	23 W
Luminaire efficacy	93 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra

LED Life / Failure Ratio

L80 B20 C0 80000h

UGR

X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	< 22
UGR axial	< 22

OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	180°

