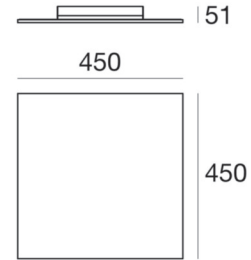




Ceiling Lights | 220-240 V | topLED 23 W 700 mA | CRI 90
7489



Technical data	
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward
Power	23 W
Luminous flux (source)	1469 lm
Frequency	50 - 60 Hz
CCT / Tonaltà	3000 K
Colour rendering index	90 Ra
Safety class	1
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	Single emission
Net weight	4.5 Kg

Finishing diffuser	
Material	PMMA
Colour	white
Processing	Satin finishing

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Single emission ceiling lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 100 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1469 lm, with a 63.9 lm/W nominal luminous efficacy.

The diffuser is made of pmma with a satin finishing treatment; the mounting frame is made of iron, with a embossed white ral 9003 finish, processed by means of coating. The ingress protection degree is IP40; the total weight is of 4.5 kg.

The total absorbed power is 23 W.

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

Illuminotechnical Features

Light Output Ratio (LOR)	124 %
Luminous flux (source)	1469 lm
Luminaire luminous flux	1824 lm
Consumption	23 W
Luminaire efficacy	79 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra

Life / Failure Ratio

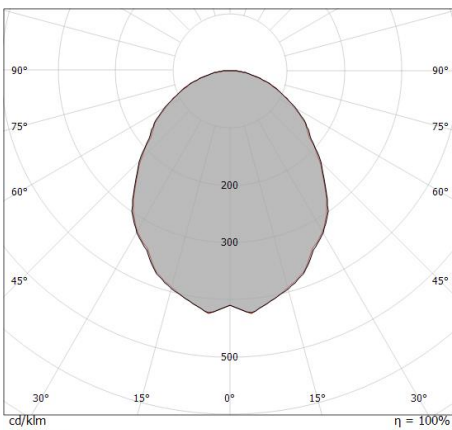
L80 B20 C0 80000h

UGR

X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	< 19
UGR axial	< 19

OPTICAL

Light distribution simmetry	Symmetrical
Ottica C0/C180	92°



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.05 1.04	E(0°) 2989 E(C90) 506 E(C0) 521
1.0	2.11 2.07	E(0°) 747 E(C90) 126 E(C0) 130
1.5	3.16 3.11	E(0°) 332 E(C90) 56 E(C0) 58
2.0	4.22 4.14	E(0°) 187 E(C90) 32 E(C0) 33
2.5	5.27 5.18	E(0°) 120 E(C90) 20 E(C0) 21
3.0	6.32 6.21	E(0°) 83 E(C90) 14 E(C0) 14

— C0/C180 (Half-peak divergence: 92.0°)
— C90/C270 (Half-peak divergence: 93.0°)