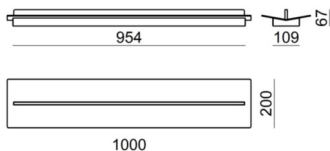




Ceiling Lights | 220-240 V | topLED 45 W 900 mA | DALI | CRI 90
7966



Technical data	
Designer	Lorenzo Antonioni
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward
Power	45 W
Luminous flux (source)	5073 lm
Frequency	60 - 50 Hz
CCT / Tonalità	3000 K
Colour rendering index	90 Ra
Safety class	1
IP	IP20
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	No
Driver included	Yes
Dimmable article	DALI
Induzione	No
Emergency mode	No
Motion sensor	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Net weight	5.170 Kg

Finishing casing	
Material	Aluminium
Colour	embossed white RAL 9003
Processing	Coating

Finishing diffuser	
Material	PMMA
Colour	sandblasted
Processing	Laser engravings

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

Ceiling Lights | 220-240 V | topLED 45 W 900 mA | DALI | CRI 90
7966

Single emission ceiling lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 90 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 5073 lm, with a 112.7 lm/W nominal luminous efficacy and an operating lifetime (L80) of 80000 hours.

The device body is made of aluminium and features a embossed white ral 9003 finish, processed by means of coating; the diffuser is made of pmma with a laser engravings 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 IP20; the total weight is of 5.170 kg. The power supply driver is included in the delivery.

The total absorbed power is 45 W.

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

Illuminotechnical Features

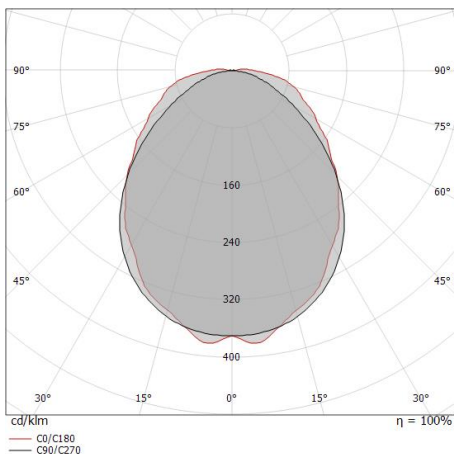
Light Output Ratio (LOR)	61 %
Luminous flux (source)	5073 lm
Luminaire luminous flux	3118.18 lm
Consumption	45 W
Luminaire efficacy	69 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Life / Failure ratio	L80C0B20

UGR

X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	> 28
UGR axial	> 28

OPTICAL

Light distribution simmetry	Symmetrical
Optica C0/C180	95°



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.10 1.10	E(0°) 4626 E(C90) 47.7° 706 E(C0) 47.6° 731
1.0	2.20 2.19	E(0°) 1157 E(C90) 47.7° 176 E(C0) 47.6° 183
1.5	3.30 3.29	E(0°) 514 E(C90) 47.7° 78 E(C0) 47.6° 81
2.0	4.40 4.38	E(0°) 289 E(C90) 47.7° 44 E(C0) 47.6° 46
2.5	5.49 5.48	E(0°) 185 E(C90) 47.7° 28 E(C0) 47.6° 29
3.0	6.59 6.57	E(0°) 129 E(C90) 47.7° 20 E(C0) 47.6° 20

— C0/C180 (Half-peak divergence: 95.2°)
 — C90/C270 (Half-peak divergence: 95.4°)



7966



Dimmer
Bluetooth, 220-240V

Code
KIT0079