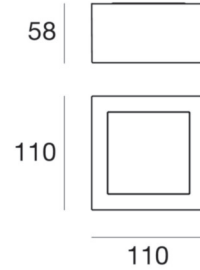




Ceiling Lights | 220-240 V | topLED 7 W 500 mA | CRI 90  
**8228N**



Technical data	
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward
Power	7 W
Luminous flux (source)	811 lm
Frequency	50 - 60 Hz
CCT / Tonaltà	4000 K
Colour rendering index	90 Ra
AC / DC	AC-DC
Safety class	1
IP	IP40
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	No
Driver included	Yes
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	0.764 Kg

Finishing diffuser	
Material	PMMA
Colour	opaline
Processing	Satin finishing

Ceiling Lights | 220-240 V | topLED 7 W 500 mA | CRI 90  
**8228N**

Single emission ceiling lights for indoor application. The natural white LED light source with a general lighting light distribution is composed of 24 topped LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 811 lm, with a 115.9 lm/W nominal luminous efficacy and an operating lifetime (L70) of 72.5000 hours.

The diffuser is made of pmma with a satin finishing treatment. The ingress protection degree is IP40; the total weight is of 0.764 kg. The power supply driver is included in the delivery.

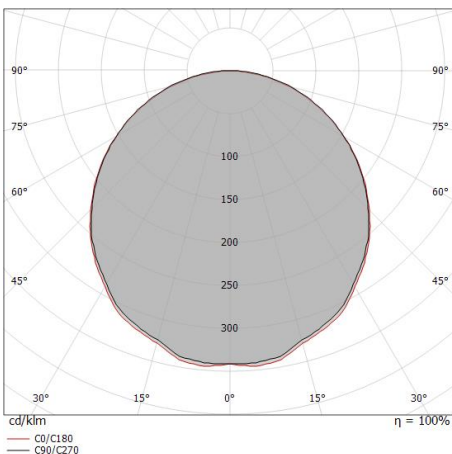
The total absorbed power is 7 W.

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

Illuminotechnical Features	
Light Output Ratio (LOR)	78 %
Luminous flux (source)	811 lm
Luminaire luminous flux	634 lm
Consumption	7 W
Luminaire efficacy	90 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Life / Failure ratio	L70C0B20 72.5H

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	113°



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Iluminance [lx]
0.5	1.52 1.50	867	72	75	
1.0	3.03 3.00	217	18	19	
1.5	4.55 4.50	96	8	8	
2.0	6.07 6.00	54	5	5	
2.5	7.58 7.50	35	3	3	
3.0	9.10 9.00	24	2	2	

Distance [m]      Cone diameter [m]      Iluminance [lx]

— C0/C180 (Half-peak divergence: 112.6°)  
 — C90/C270 (Half-peak divergence: 113.2°)



Box\_SQ | Ceiling Lights | Accessories  
**8228N**



Dimmer  
PUSH DIM, 220-240V

**Code**  
KIT0026