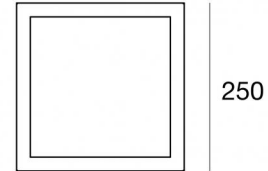
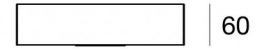




Ceiling Downlights | 220-240 V  
1 topLED 15 W DC - 17 W AC | CRI 80  
**8229**



250

Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	15 W DC
Total Power	17 W
Source lumens	1895 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP40
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	Phase cut
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	1,520 Kg
Electrostatic discharge protection	No
Surge protection	No

### Finishing casing

Material	Iron
Colour	White
Processing	Coating

### Finishing diffuser

Material	PMMA
Colour	opaline
Processing	Satin finishing

The driver contained in the device complies with IEC 61347-2-13 annex J, and can therefore be powered by centralized power systems.

## Ceiling Downlights | 220-240 V | 1 topLED 15 W DC - 17 W AC | CRI 80 | Base 8229

Single emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 60 topped LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1895 lm, with a 126.3 lm/W nominal luminous efficacy.

The device body is made of iron and features a white finish, processed by means of coating; the diffuser is made of pmma with a satin finishing treatment. The ingress protection degree is IP40;

The total absorbed power is 17 W.

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

Compliant with the EN 60598-1 standard and its specific provisions.

### Energy efficiency class

This product contains a light source of energy efficiency class E.

### Illuminotechnical Features

Light Output Ratio (LOR)	71 %
Source lumens	1895 lm
Delivered lumens	1362 lm
Consumption	17 W
Luminaire efficacy	80 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25°C

### LED Life / Failure Ratio

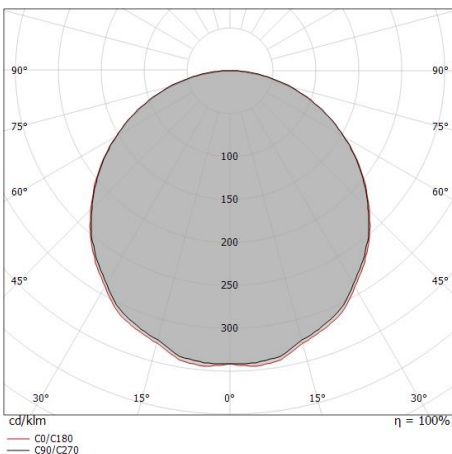
L70 B20 C0 72500h

### UGR

UGR axial	21.6
UGR transversal	21.4
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

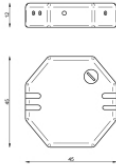
C0/C180 optics	113°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.52 1.50	E(0°) 1862 E(C90) 56.6° 155 E(C0) 56.3° 161
1.0	3.03 3.00	E(0°) 466 E(C90) 56.6° 39 E(C0) 56.3° 40
1.5	4.55 4.50	E(0°) 207 E(C90) 56.6° 17 E(C0) 56.3° 18
2.0	6.07 6.00	E(0°) 116 E(C90) 56.6° 10 E(C0) 56.3° 10
2.5	7.58 7.50	E(0°) 74 E(C90) 56.6° 6 E(C0) 56.3° 6
3.0	9.10 9.00	E(0°) 52 E(C90) 56.6° 4 E(C0) 56.3° 4

Distance [m] Cone diameter [m] illuminance [lx]

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



Dimmer  
220-240V

**Code**  
KIT0026