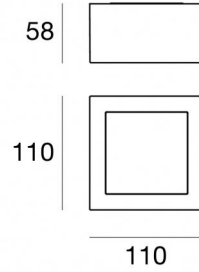




Ceiling Downlights | 220-240 V | 24 topLED 6 W DC - 7 W AC | CRI 80
8227N



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	6 W DC
Total Power	7 W
Source lumens	856 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 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	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	0.764 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	Aluminium
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 | 24 topLED 6 W DC - 7 W AC | CRI 80 | Base 8227N

Single emission ceiling downlights for indoor application. The natural white LED light source with a diffused light distribution is composed of 24 topped LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 856 lm, with a 142.7 lm/W nominal luminous efficacy.

The device body is made of aluminium 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 weight is of 0.764 kg.

The total absorbed power is 7 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)	74 %
Source lumens	856 lm
Delivered lumens	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	80 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature 25°C

LED Life / Failure Ratio

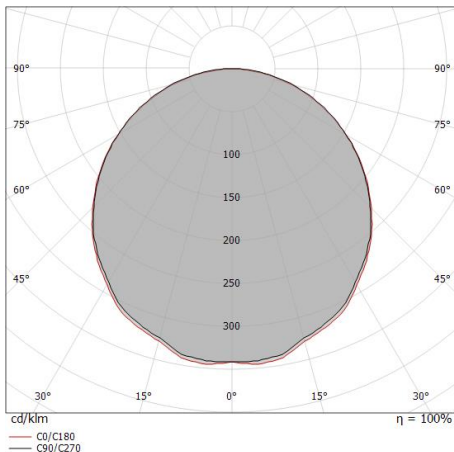
L70 B20 C0 72500h

UGR

UGR axial	25.6
UGR transversal	25.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	113°
Light distribution simmetry	Symmetrical



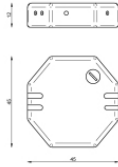
Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.52 1.50	E(0°) 867 E(C90) 56.6° 72 E(C0) 56.3° 75
1.0	3.03 3.00	E(0°) 217 E(C90) 56.6° 18 E(C0) 56.3° 19
1.5	4.55 4.50	E(0°) 96 E(C90) 56.6° 8 E(C0) 56.3° 8
2.0	6.07 6.00	E(0°) 54 E(C90) 56.6° 5 E(C0) 56.3° 5
2.5	7.58 7.50	E(0°) 35 E(C90) 56.6° 3 E(C0) 56.3° 3
3.0	9.10 9.00	E(0°) 24 E(C90) 56.6° 2 E(C0) 56.3° 2

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

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



Box_SQ | Ceiling Downlights | Accessories
8227N



Dimmer
220-240V

Code
KIT0026