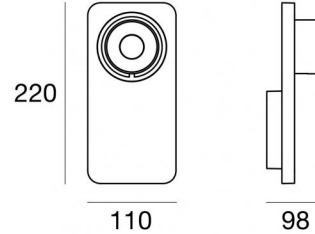




Ceiling Downlights - Projectors | 220-240 V
1 arrayLED 8 W DC - 11 W AC | CRI 90



8461



Technical data	
Type	Surface - - - Surface
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Medium Wide Flood
Light emission direction	downward
Nominal power	8 W DC
Total Power	11 W
Source lumens	1082 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	90 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP20
Optical compartment IP	IP40
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	Phase cut
Directional	Swivelling
total angle (vertical plane)	90 °
total angle (horizontal plane)	350 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.600 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	Aluminium
Colour	Black
Processing	Coating

Finishing diffuser

Material	PC
Colour	transparent

Finishing mounting frame

Material	Aluminium
Colour	Black
Processing	Coating

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

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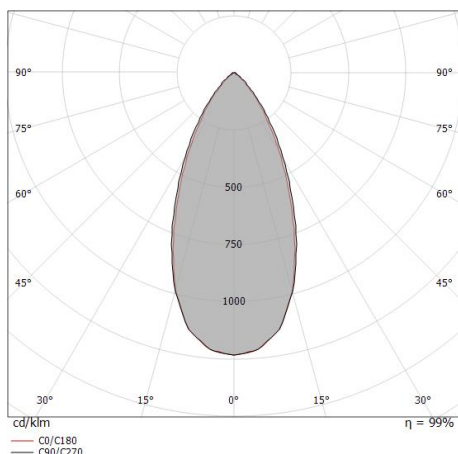
Single emission ceiling downlights, projectors or projectors for indoor application. The warm white LED light source with a medium wide flood light distribution is composed of 1 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1082 lm, with a 135.3 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a black finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of aluminium, with a black finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 0.600 kg.

The total absorbed power is 11 W.

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

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.46 0.44	E(0°) 4051 E(C90) 24.5° 1527 E(C0) 23.6° 1565
1.0	0.91 0.87	E(0°) 1013 E(C90) 24.5° 382 E(C0) 23.6° 391
1.5	1.37 1.31	E(0°) 450 E(C90) 24.5° 170 E(C0) 23.6° 174
2.0	1.82 1.75	E(0°) 253 E(C90) 24.5° 95 E(C0) 23.6° 98
2.5	2.28 2.18	E(0°) 162 E(C90) 24.5° 61 E(C0) 23.6° 63
3.0	2.73 2.62	E(0°) 113 E(C90) 24.5° 42 E(C0) 23.6° 43

— C0/C180 (Half-peak divergence: 47.2°)
— C90/C270 (Half-peak divergence: 49.0°)

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	75 %
Source lumens	1082 lm
Delivered lumens	820 lm
Consumption	11 W
Luminaire efficacy	74 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature 25°C

LED Life / Failure Ratio

L80 B20 C0 80000h

UGR

UGR axial	24.3
UGR transversal	23.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	47°
Light distribution simmetry	Symmetrical



Dimmer
220-240V

Code

KIT0026