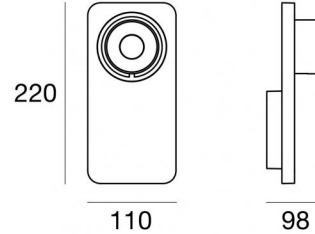




Ceiling Downlights - Projectors | 220-240 V  
1 arrayLED 8 W DC - 11 W AC | CRI 90



8462



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	Wood
Colour	oak

### Finishing diffuser

Material	PC
Colour	transparent

### Finishing mounting frame

Material	Aluminium
Colour	White
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.



## Ceiling Downlights - Projectors | 220-240 V | 1 arrayLED 8 W DC - 11 W AC | CRI 90 | Base 8462

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 wood and features a oak finish; the diffuser is made of PC; the mounting frame is made of aluminium, with a white 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.

### 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

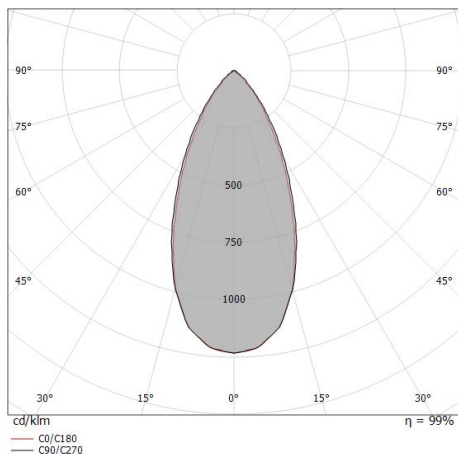
L80 B20 C0 80000h

### 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



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

Distance [m] Cone diameter [m] Illuminance [lx]

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



Beebo\_S | Projectors | Accessories  
8462



Dimmer  
220-240V

**Code**

KIT0026