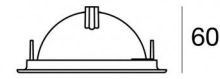
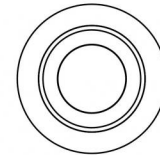




Downlights | 1 arrayLED 9 W DC 500 mA | CRI 90
8470



128



Ø 140

Technical data	
Type	Encasement with flange
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Diffused
Light emission direction	downward
Nominal power	9 W DC
Source lumens	1162 lm
Frequency	50-60 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
Safety class	2
IP	IP40
Optical compartment IP	IP40
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Dimmable article	Phase cut
Directional	Swivelling
total angle (vertical plane)	30 °
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	0.490 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	Aluminium
Colour	White
Processing	Coating

Finishing diffuser

Material	Glass
Colour	transparent



Downlights | 1 arrayLED 9 W DC 500 mA | CRI 90 | Base 8470

Single emission recessed downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 1 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1162 lm, with a 129.1 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 glass. The ingress protection degree is IP40; the total weight is of 0.490 kg.

The total absorbed power is 9 W.

The device features protection class II and can be ceiling-mounted, with a 128 mm diameter hole (in plasterboard).

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

Energy efficiency class

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

Illuminotechnical Features

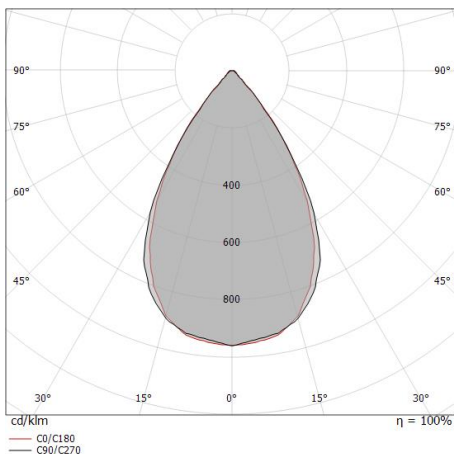
Light Output Ratio (LOR)	70 %
Source lumens	1162 lm
Delivered lumens	820 lm
Consumption	11 W
Luminaire efficacy	74 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25°C

LED Life / Failure Ratio

L80 B20 C0 80000h

UGR

UGR axial	18.7
UGR transversal	18.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20



Distance [m]	Cone diameter [m]	Half-peak divergence [°]	E(0°) [lx]	E(C90) [lx]	E(C0) [lx]
0.5	0.63 0.61	62.4°	2697	819	849
1.0	1.26 1.21	64.4°	674	205	212
1.5	1.89 1.82	62.4°	300	91	94
2.0	2.52 2.42	64.4°	169	51	53
2.5	3.15 3.03	62.4°	108	33	34
3.0	3.78 3.63	64.4°	75	23	24

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

— C0/C180 (Half-peak divergence: 62.4°)
— C90/C270 (Half-peak divergence: 64.4°)

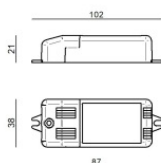


8470



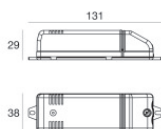
Dimmer
220-240V

Code
KIT0026



Power supply

Code
KIT0064



Power supply

Code
KIT0065