

Ceiling Downlights | 220-240 V | 18 topLED 94 W DC - 96 W AC | CRI 90 | Base
7789

Double emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 108 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 11734 lm, with a 124.8 lm/W nominal luminous efficacy.

The device body is made of metal and features a white finish, processed by means of coating; the diffuser is made of pe. The ingress protection degree is IP40; the total weight is of 10.2 kg.

The total absorbed power is 96 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 18 light sources of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	92 %
Source lumens	11734 lm
Delivered lumens	10894 lm
Consumption	96 W
Luminaire efficacy	113 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	19.5
UGR transversal	19.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	115°
Light distribution symmetry	Symmetrical

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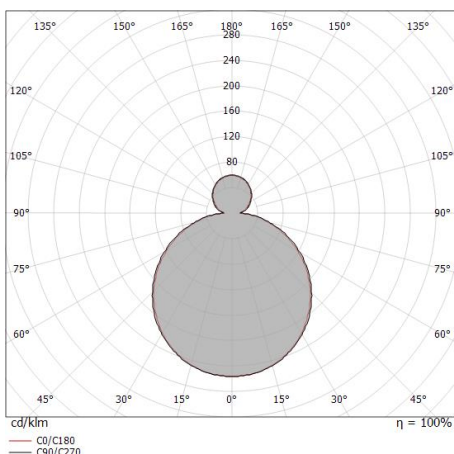
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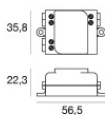
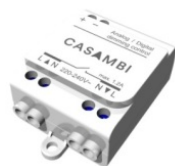
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Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.64 1.58	E(0°) 11164 E(C90) 791 E(C0) 852
1.0	3.28 3.16	E(0°) 2791 E(C90) 198 E(C0) 213
1.5	4.91 4.75	E(0°) 1240 E(C90) 88 E(C0) 95
2.0	6.55 6.33	E(0°) 698 E(C90) 49 E(C0) 53
2.5	8.19 7.91	E(0°) 447 E(C90) 32 E(C0) 34
3.0	9.83 9.49	E(0°) 310 E(C90) 22 E(C0) 24

— C0/C180 (Half-peak divergence: 115.4°)
— C90/C270 (Half-peak divergence: 117.2°)

Mr.Magoo_S | Ceiling Downlights | Accessories
7789



Dimmer - 0-10V, 1-10V or DALI dimming interface
Bluetooth, 220-240V

Code
KIT0079