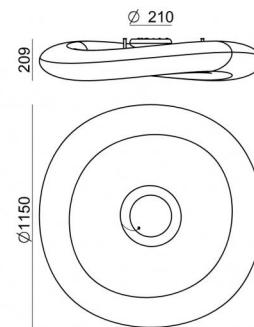


Mr.Magoo_S



Ceiling Lights | 220-240 V
108 topLED 96 W DC - 96 W AC | CRI 90
7789N



Technical data	
Construction year	2017
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward and upward
Power	96 W
Source lumens	13965 lm
Frequency	60 - 50 Hz
CCT / Tone	4000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP20
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	10.2 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Iron
Colour	white
Processing	Coating

Finishing diffuser	
Material	PE
Colour	neutral



Ceiling Lights | 220-240 V | 108 topLED 96 W DC - 96 W AC | CRI 90 | Base
7789N

Single emission ceiling lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 108 topped LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 13965 lm, with a 145.5 lm/W nominal luminous efficacy.

The device body is made of iron and features a white finish, processed by means of coating; the diffuser is made of pe. The ingress protection degree is IP20; 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.

Illuminotechnical Features

Light Output Ratio (LOR)	85 %
Source lumens	13965 lm
Delivered lumens	11984 lm
Consumption	96 W
Luminaire efficacy	124 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25

LED Life / Failure Ratio

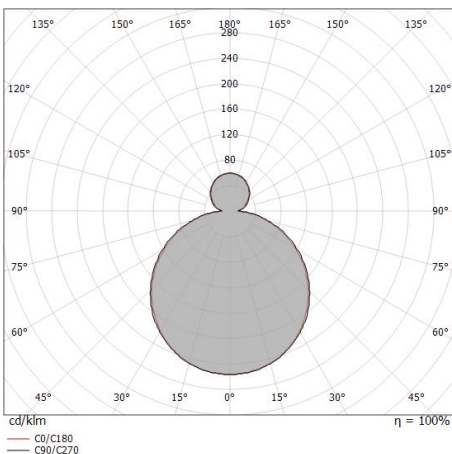
L80 B20 C0 80h

UGR

UGR axial	19.9
UGR transversal	19.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	115°



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.64 1.58	12280	870	937
1.0	3.28 3.16	3070	218	234
1.5	4.91 4.75	1364	97	104
2.0	6.55 6.33	768	54	59
2.5	8.19 7.91	491	35	37
3.0	9.83 9.49	341	24	26

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

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