



Ceiling Downlights | 220-240 V | 14 topLED 29 W DC - 36 W AC | CRI 90 | Base 7653

Double emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 84 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 3686 lm, with a 127.1 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 mounting frame is made of metal, with a white finish, processed by means of coating. The ingress protection degree is IP40; the total weight is of 8 kg.

The total absorbed power is 36 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 14 light sources of energy efficiency class E.

**Illuminotechnical Features**

Light Output Ratio (LOR)	89 %
Source lumens	3686 lm
Delivered lumens	3315 lm
Consumption	36 W
Luminaire efficacy	92 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**

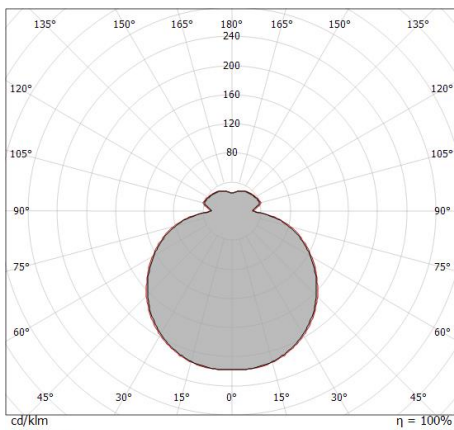
L80 B20 C0 80000h

**UGR**

UGR axial	19.5
UGR transversal	19.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

**OPTICAL**

C0/C180 optics	131°
Light distribution simmetry	Symmetrical

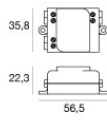
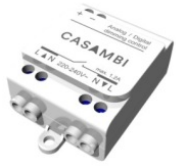


cd/klm  
— C0/C180  
— C90/C270

Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	2.19 2.28	E(0°) 2886 E(C90) 103 E(C0) 94
1.0	4.39 4.56	E(0°) 722 E(C90) 26 E(C0) 24
1.5	6.58 6.83	E(0°) 321 E(C90) 11 E(C0) 10
2.0	8.78 9.11	E(0°) 180 E(C90) 6 E(C0) 6
2.5	10.97 11.39	E(0°) 115 E(C90) 4 E(C0) 4
3.0	13.17 13.67	E(0°) 80 E(C90) 3 E(C0) 3

— C0/C180 (Half-peak divergence: 132.6°)  
— C90/C270 (Half-peak divergence: 131.0°)

Saturn\_S | Ceiling Downlights | Accessories  
**7653**



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

**Code**  
KIT0079