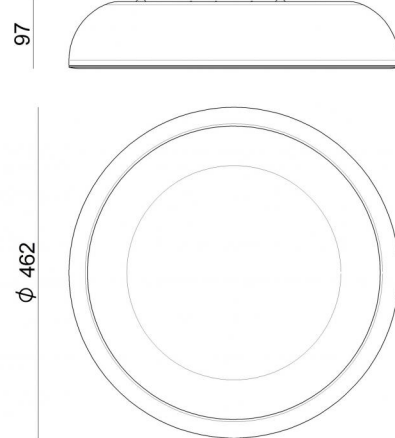


Ceiling Downlights | 220-240 V  
2 topLED 31 W DC - 35 W AC | CRI 90  
**8531**



Technical data	
Construction year	2018
Type	Surface
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	31 W DC
Total Power	35 W
Source lumens	3430 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP40
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	Phase cut
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	4.345 Kg
Electrostatic discharge protection	No
Surge protection	No

**Finishing casing**

Material	metal - metal
Colour	Black - White
Processing	Coating - Coating

**Finishing diffuser**

Material	PC
Colour	opaline

**Finishing mounting frame**

Material	metal
Colour	White
Processing	Coating

Ceiling Downlights | 220-240 V | 2 topLED 31 W DC - 35 W AC | CRI 90 | Base **8531**

Single emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 70 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 3430 lm, with a 110.6 lm/W nominal luminous efficacy.

The device body is made of metal and features a white finish, processed by means of coating. The device body is made of metal and features a black finish, processed by means of coating; the diffuser is made of PC; 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 4.345 kg.

The total absorbed power is 35 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 2 light sources of energy efficiency class F.

**Illuminotechnical Features**

Light Output Ratio (LOR)	40 %
Source lumens	3430 lm
Delivered lumens	1380 lm
Consumption	35 W
Luminaire efficacy	39 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**

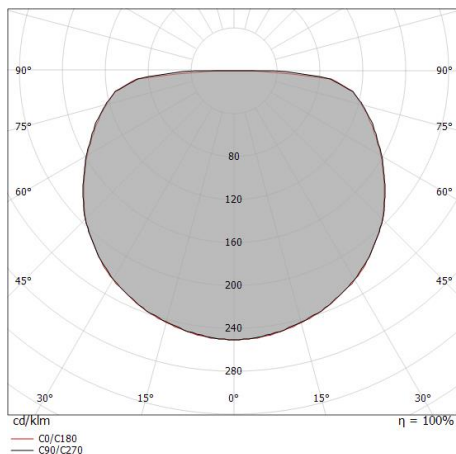
L80 B20 C0 80000h

**UGR**

UGR axial	24.6
UGR transversal	24.5
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

**OPTICAL**

C0/C180 optics	148°
Light distribution symmetry	Symmetrical

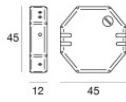


Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	3.58 3.51	E(0°) 1384 E(C90) 13 E(C0) 14
1.0	7.16 7.02	E(0°) 346 E(C90) 3 E(C0) 4
1.5	10.74 10.53	E(0°) 154 E(C90) 1 E(C0) 2
2.0	14.33 14.04	E(0°) 86 E(C90) 1 E(C0) 1
2.5	17.91 17.55	E(0°) 55 E(C90) 1 E(C0) 1
3.0	21.49 21.06	E(0°) 38 E(C90) 0 E(C0) 0

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

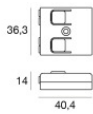
— C0/C180 (Half-peak divergence: 148.2°)  
— C90/C270 (Half-peak divergence: 148.8°)

Reflexio | Ceiling Downlights | Accessories  
**8531**



Dimmer - Phase cut (Max 100W) - Essential for dimming the lamp  
 220-240V

**Code**  
KIT0026



Dimmer - Phase cut CASAMBI - Essential for dimming the lamp with Casambi  
 Radio-frequenza, 85-240V

**Code**  
KIT0080