



Ceiling Downlights | 220-240 V | 2 topLED 31 W DC - 36 W AC | CRI 90 | Base 8081

Double 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 3431 lm, with a 110.7 lm/W nominal luminous efficacy.

The device body is made of pu and features a white finish; the diffuser is made of pmma with a laser engravings treatment; the mounting frame is made of metal, with a white finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 8.23 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 2 light sources of energy efficiency class F.

**Illuminotechnical Features**

|   |                |
|---|----------------|
| Light Output Ratio (LOR)                | 63 %           |
| Source lumens                           | 3431 lm        |
| Delivered lumens                        | 2165 lm        |
| Consumption                             | 36 W           |
| Luminaire efficacy                      | 60 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**

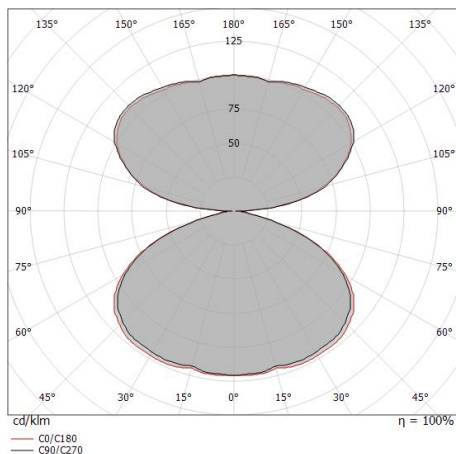
L80 B20 C0 80000h

**UGR**

|                   |          |
|-------------------|----------|
| UGR axial         | 12.7     |
| UGR transversal   | 12.7     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

**OPTICAL**

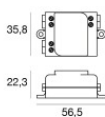
|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 138°        |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx]                    |
|--------------|-------------------|-------------------------------------|
| 0.5          | 2.61<br>2.63      | E(0°) 1048<br>E(C90) 24<br>E(C0) 24 |
| 1.0          | 5.21<br>5.27      | E(0°) 262<br>E(C90) 6<br>E(C0) 6    |
| 1.5          | 7.82<br>7.90      | E(0°) 116<br>E(C90) 3<br>E(C0) 3    |
| 2.0          | 10.42<br>10.53    | E(0°) 66<br>E(C90) 2<br>E(C0) 1     |
| 2.5          | 13.03<br>13.16    | E(0°) 42<br>E(C90) 1<br>E(C0) 1     |
| 3.0          | 15.63<br>15.80    | E(0°) 29<br>E(C90) 1<br>E(C0) 1     |

— C0/C180 (Half-peak divergence: 138.4°)  
— C90/C270 (Half-peak divergence: 138.0°)

Oxygen\_S | Ceiling Downlights | Accessories  
**8081**



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

**Code**  
KIT0079