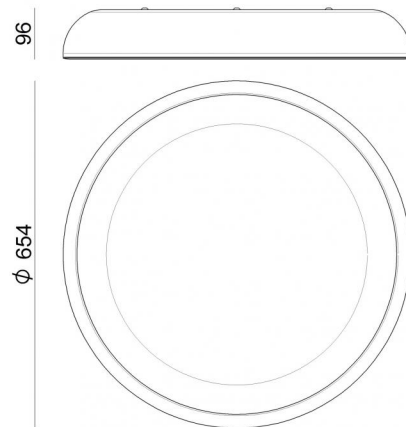


Ceiling Downlights | 220-240 V  
2 topLED 42 W DC - 48 W AC | CRI 90  
**8532**



| 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                                  | 42 W DC               |
| Total Power                                    | 48 W                  |
| Source lumens                                  | 4778 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                                     | 7.35 Kg               |
| Electrostatic discharge protection             | No                    |
| Surge protection                               | No                    |

**Finishing casing**

|            |         |
|------------|---------|
| Material   | metal   |
| Colour     | White   |
| Processing | Coating |

**Finishing diffuser**

|          |         |
|----------|---------|
| Material | PC      |
| Colour   | opaline |

**Finishing mounting frame**

|            |         |
|------------|---------|
| Material   | metal   |
| Colour     | White   |
| Processing | Coating |

Ceiling Downlights | 220-240 V | 2 topLED 42 W DC - 48 W AC | CRI 90 | Base **8532**

Single emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 200 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 4778 lm, with a 113.8 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 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 7.35 kg.

The total absorbed power is 48 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)                | 53 %           |
| Source lumens                           | 4778 lm        |
| Delivered lumens                        | 2556 lm        |
| Consumption                             | 48 W           |
| Luminaire efficacy                      | 53 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**

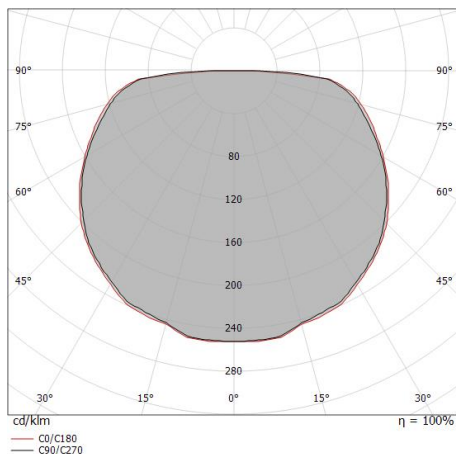
L80 B20 C0 80000h

**UGR**

|                   |          |
|-------------------|----------|
| UGR transversal   | 18.9     |
| UGR axial         | 18.8     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

**OPTICAL**

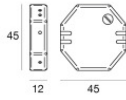
|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 144°        |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx]                    |
|--------------|-------------------|-------------------------------------|
| 0.5          | 3.10<br>3.38      | E(0°) 2579<br>E(C90) 37<br>E(C0) 30 |
| 1.0          | 6.19<br>6.75      | E(0°) 645<br>E(C90) 9<br>E(C0) 7    |
| 1.5          | 9.29<br>10.13     | E(0°) 287<br>E(C90) 4<br>E(C0) 3    |
| 2.0          | 12.38<br>13.50    | E(0°) 161<br>E(C90) 2<br>E(C0) 2    |
| 2.5          | 15.48<br>16.88    | E(0°) 103<br>E(C90) 1<br>E(C0) 1    |
| 3.0          | 18.58<br>20.26    | E(0°) 72<br>E(C90) 1<br>E(C0) 1     |

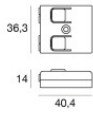
— C0/C180 (Half-peak divergence: 147.0°)  
- - C90/C270 (Half-peak divergence: 144.2°)

Reflexio | Ceiling Downlights | Accessories  
**8532**



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