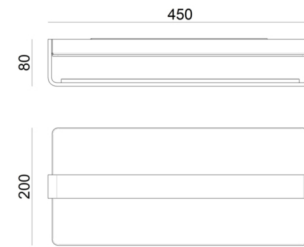
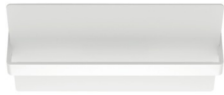




Ceiling Lights | 220-240 V | topLED 20 W 900 mA | CRI 90  
**90328**



| Technical data                                 |                       |
|--|-----------------------|
| Type   | Surface               |
| Installation position                          | Wall lights - Ceiling |
| Installation environment                       | Indoor                |
| Light Source                                   | LED                   |
| Optics   | General Lighting      |
| Light emission direction                       | downward              |
| Power  | 20 W                  |
| Source lumens                                  | 2135 lm               |
| Frequency                                      | 60 - 50 Hz            |
| CCT / Tone                                     | 3000 K                |
| Colour rendering index                         | 90 Ra                 |
| Safety class                                   | 1                     |
| IP   | IP40                  |
| Glow wire test                                 | 650°                  |
| Direct mounting on normally flammable surfaces | Yes                   |
| CE   | Yes                   |
| ETL  | No                    |
| Fire Rated (BS 476 PT21 compliant)             | No                    |
| Driver included                                | Driver                |
| Induction                                      | No                    |
| Emergency mode                                 | No                    |
| Motion sensor                                  | No                    |
| Directional                                    | No                    |
| Tilting  | No                    |
| Walk-over                                      | No                    |
| Drive-over                                     | No                    |
| Cable included                                 | No                    |
| Resin potting                                  | No                    |
| Type of light emission                         | Single emission       |
| Electrostatic discharge protection             | No                    |
| Surge protection                               | No                    |

| Finishing diffuser |                |
|--------------------|----------------|
| Material           | PMMA           |
| Colour             | white          |
| Processing         | Silk-screening |



Ceiling Lights | 220-240 V | topLED 20 W 900 mA | CRI 90  
**90328**

Single emission ceiling lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 24 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2135 lm, with a 106.8 lm/W nominal luminous efficacy.

The diffuser is made of pmma with a silk-screening treatment; the mounting frame is made of aluminium, with a embossed white ral 9003 finish, processed by means of coating. The ingress protection degree is IP40;

The total absorbed power is 20 W.

The device features protection class I and can be wall lights or ceiling-mounted.

#### **Illuminotechnical Features**

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 54 %           |
| Source lumens                         | 2135 lm        |
| Delivered lumens                      | 1154.82 lm     |
| Consumption                           | 20 W           |
| Luminaire efficacy                    | 57 lm/W        |
| Colour temperature                    | 3000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index                | 90 Ra          |

#### **LED Life / Failure Ratio**

L80 B20 C0 80000h