



The 230 V LED strip lights are ideal where there is a desire or need to create flexible strips with longer sections of illumination and with water-resistant properties both indoors and outdoors. The lights come ready to connect with fitted IP44 shaped plug and encapsulated end cap. The LED strip lights can be dimmed using leading and trailing phase angles in order to cater to requirements or ambient lighting conditions. Up to 50 m of lighting can be operated per section where covering longer distances, such as on buildings or in hotel corridors.

#### Special features

- 230 V direct connection
- Splash water protected
- Can easily be shortened if desired
- Total length to be operated 50 m
- Dimmable

|  |  |                                 |              |
|--|--|---------------------------------|--------------|
| <b>Housing Material</b>                      | Copper                                       | <b>Height</b>                   | 13.2 mm      |
| <b>Housing Color</b>                         | White  | <b>Product weight</b>           | 3519 g       |
| <b>Material of Lens</b>                      | Silicone                                     | <b>Working Temperature</b>      | -10 to 60 °C |
| <b>Protection Class</b>                      | Protection class II/protective insulation    | <b>Storage Temperature</b>      | -15 to 50 °C |
| <b>Rated Input 1m</b>                        | 14 W   | <b>IP Protection Class Lamp</b> | IP 65        |
| <b>Rated Input Voltage Frequency</b>         | 220-240 V/AC 50 / 60 Hz                      | <b>IP Protection Class Plug</b> | IP 44        |
| <b>Power Supply Unit incl.</b>               | Yes  | <b>Type of IP Protection</b>    | PVC cover    |
| <b>Connection Cable Primary</b>              | Yes  | <b>Life Time L70 / B50</b>      | 30000 h      |
| <b>Primary Connection</b>                    | Power plug IP44                              | <b>Switching Cycles</b>         | 100000       |
| <b>Primary Cable Length</b>                  | 3 m  | <b>Power Consumption</b>        | 14 kWh/1000h |
| <b>Connection Type According to Standard</b> | Typ Z  | <b>Energy Efficiency Class</b>  | E            |
| <b>Dimmable</b>                              | Yes  |                                 |              |
| <b>Control technology</b>                    | Leading-edge dimmer,<br>Trailing-edge dimmer |                                 |              |
| <b>Light Source</b>                          | LED, Light source not changeable             |                                 |              |
| <b>Lightcolor</b>                            | Warm white (WW)                              |                                 |              |
| <b>Color Temperature</b>                     | 3000 K                                       |                                 |              |
| <b>Colour Consistency</b>                    | 6 SDCM                                       |                                 |              |
| <b>Colour Rendering Index (Ra)</b>           | 80   |                                 |              |
| <b>Rated Angle of Reflection</b>             | 120 Degree                                   |                                 |              |
| <b>Distribution Characteristic 120°</b>      | DLS  |                                 |              |
| <b>Luminous Flux 1m</b>                      | 1470 lm                                      |                                 |              |
| <b>Luminous Efficiency 1m</b>                | 105 lm/W                                     |                                 |              |
| <b>LED/Meter</b>                             | 84   |                                 |              |
| <b>Bending Radius min.</b>                   | 150 mm                                       |                                 |              |
| <b>Total Length to be Operated max.</b>      | 50 m   |                                 |              |
| <b>Segment Length</b>                        | 166.66 mm                                    |                                 |              |
| <b>Segment LED Quantity</b>                  | 14   |                                 |              |
| <b>LED Distance</b>                          | 11.9 mm                                      |                                 |              |
| <b>Length</b>                                | 15000 mm                                     |                                 |              |
| <b>Width</b>                                 | 17.2 mm                                      |                                 |              |