

BL ONE Comfort 3000 >80

BL ONE Comfort LED strip 2850lm/m 24VDC 21.7W/m IP20 827 20m

Article no.: 100224



24

V

Lamp voltage

4500

mm

Max. length

>80

Colour rendering index CRI

2850

lm

Luminous flux per meter

TENDER TEXT

LED strip ONE Comfort 2850 lm/m 24VDC 21.7W/m 131lm/W IP20 CRI>80 2700K, without connection cable, WHITE 20 meter LED module BL ONE Comfort 3000 >80 Article 100224 Linear LED light strip IC-controlled on a flexible circuit board. Installation using self-adhesive heat-conducting adhesive tape. Dimmable using BILTON LEDON Technology LED dimmer. Suitable for ambient temperatures from -20 ... +45 °C at a service life of 72000 h . The BL ONE Comfort 3000 >80 LED-strip has a luminous flux of 2850 lm at 21.7 W, resulting in an efficiency of 131 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 4500 mm can be achieved. In terms of lighting, the module has a colour temperature of 2700 K and a beam angle of 120°. All this with a colour rendering index of >80 and a Binning selection based on SDCM3 (MacAdams). The light strip can be separated every 50.0 mm, resulting in a LED distance of 7.14 mm. Degree of protection IP20 . Dimension (L x W x H): 20000.0 mm x 8.0 mm x 1.5 mm

TOP-FEATURES

- //__ Wide range of lumens and light colours
- //__ Maximum homogeneity thanks to 140 LEDs per metre
- //__ Economical energy consumption
- //__ Produced in Austria



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MECHANICAL DATA

| | |
|------------------------------------|------------------------|
| Width [mm] | 8.0 |
| Length [mm] | 20000.0 |
| Height/depth [mm] | 1.5 |
| Colour | White |
| Model | Band |
| Self-adhesive | yes |
| Lamp type | LED nicht austauschbar |
| Distance [mm] | 7.14 |
| Distance relating to | LED zu LED |
| Degree of protection (IP) | IP20 |
| Length of particular segments [mm] | 50.0 |
| Lowest bending radius [mm] | 20 |
| Number of lamps per meter | 140 |

ELECTRICAL DATA

| | |
|---------------------------|---------|
| Protection class | III |
| Voltage type | DC |
| Lamp voltage [V] | 24 |
| Input voltage range [V] | 23 - 25 |
| Lamp power per meter [W] | 21.7 |
| Overall efficiency [lm/W] | 131 |

LIGHT TECHNICAL DATA

| | |
|---|----------|
| Beam angle [°] | 120 |
| Colour rendering index CRI | >80 |
| Colour temperature [K] | 2700 |
| Colour of light | warmweiß |
| Luminous flux per meter [lm] | 2850 |
| Energy efficiency class provided exchangeable built-in lamp | E |
| Colour consistency (McAdam ellipse) | SDCM3 |

CONNECTION

| | |
|-------------------------------|------|
| Conductor cross section [mm²] | 0.5 |
| Number of poles | 2 |
| Max. length [mm] | 4500 |

TEMPERATURE TECHNICAL DATA

| | |
|---|---------------|
| Ambient/storage temperature [°C] | 0 ... + 60 |
| Operation temperature at Tc [°C] | - 5 ... + 60 |
| Ambient temperature during operating [°C] | - 20 ... + 45 |

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| | |
|--------------------------------------|-------|
| Rated life time L80/B10 at 25 °C [h] | 72000 |
|--------------------------------------|-------|

PACKAGING INFORMATION

| | |
|-----------------------|---------------|
| EAN | 4250716948424 |
| Article no. | 100224 |
| Customs tariff number | 9405423990 |
| Net width [mm] | 8.0 |
| Net height [mm] | 1.5 |
| Net length [mm] | 20000 |
| State of origin | AT |

* Specifications of the electrical and photometric parameters: All values are valid in the thermally steady state at 25 °C ambient temperature under the standardized measuring environment of BILTON LEDON Technology. Nominal lumen values differ for different light colors, these values can be found in the respective data sheets. All values can have tolerances of +/- 15 %.

SAFETY INFORMATION: Read the safety and installation instructions carefully and completely before commissioning. The operating instructions can be found at: www.better-light.at

DISCLAIMER OF WARRANTY: The technical information corresponds to the status at the time of printing and have been worked out to the best of our knowledge. However, errors and printing errors are reserved. Make sure that you always use the latest version of the data sheets. The latest data sheet can be found at: www.better-light.at