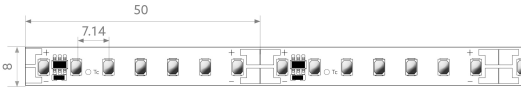
# BL ONE Comfort 3000 >90

**BL ONE Comfort LED Strip 2870lm 24VDC 20.5W/m IP20 930 20m**

Article no.: 100243

BETTER LIGHT






| 24 V | 3500 mm | >90 | 2900 lm |
|---|---|---|---|
| Lamp voltage | Max. length | Colour rendering index CRI | Luminous flux per meter |

## TENDER TEXT

LED strip ONE Comfort 2870 lm/m 24VDC 20.5W/m 140lm/W IP20 CRI>90 3000K WHITE 20 meter LED module BL ONE Comfort 3000 >90 Article 100243 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 60000 h . The BL ONE Comfort 3000 >90 LED-strip has a luminous flux of 2900 lm at 27.6 W, resulting in an efficiency of 105 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 3500 mm can be achieved. In terms of lighting, the module has a colour temperature of 3000 K and a beam angle of 120°. All this with a colour rendering index of >90 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

24 V | >90 | IP20 | 3000 K

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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 |
| Imput voltage range [V] | 23 - 25 |
| Lamp power per meter [W] | 27.6 |
| Overall efficiency [lm/W] | 105 |

## LIGHT TECHNICAL DATA

| | |
|---|---|
| Beam angle [°] | 120 |
| Colour rendering index CRI | >90 |
| Colour temperature [K] | 3000 |
| Colour of light | neutral white |
| Luminous flux per meter [lm] | 2900 |
| Energy efficiency class provided exchangeable built-in lamp | F |
| Colour consistency (McAdam ellipse) | SDCM3 |

## CONNECTION

| | |
|---|---|
| Conductor cross section [mm²] | 0.5 |
| Number of poles | 2 |
| Max. length [mm] | 3500 |

## 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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# BL ONE Comfort 3000 >90

**BL ONE Comfort LED Strip 2870lm 24VDC 20.5W/m IP20 930 20m**
Article no.: 100243

| | |
|---|---|
| Rated life time L80/B10 at 25 °C [h] | 60000 |

## PACKAGING INFORMATION

| | |
|---|---|
| EAN | 4250716948509 |
| Article no. | 100243 |
| 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

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