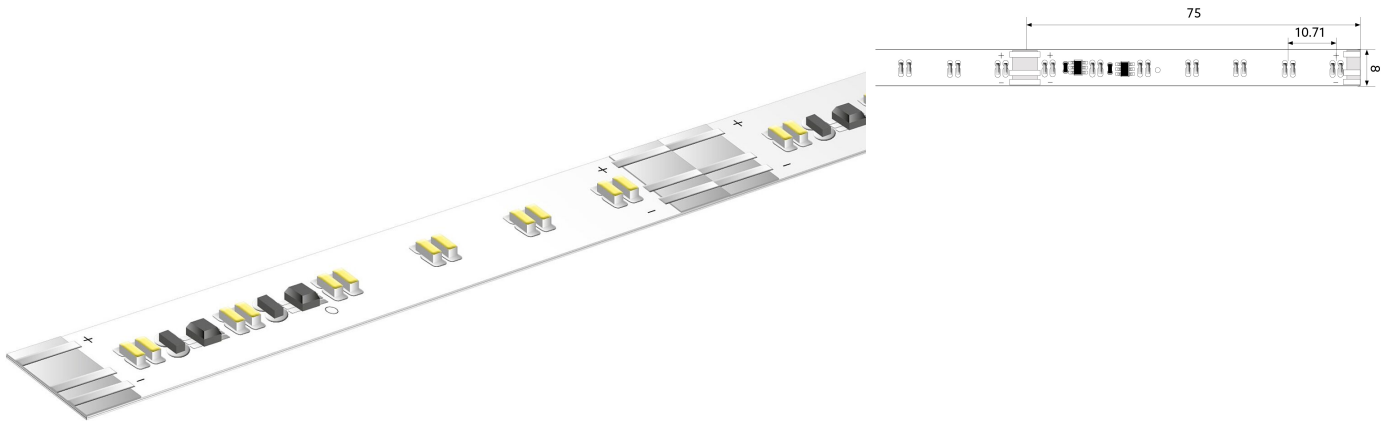


BL ONE Comfort TW 2000 >80

BL ONE Comfort TW LED strip 2000lm/m 24VDC 15.4W/m IPX6 827-865 5.025m

Article no.: 102094



Lamp voltage



Max. length



Length of particular
segments



Colour temperature

TENDER TEXT

LED strip ONE Comfort TW 2000 lm/m 24VDC, 15.4 W/m, 130 lm/W, IPX6, CRI>80, 2-layer flex, colour change 2700 - 6500 K, tuneablewhite, 500 mm connection cable on both sides, 5.025 metres LED module BL ONE Comfort TW 2000 >80 Article 102094 Linear LED light strip 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 TW 2000 >80 LED-strip has a luminous flux of 2000 lm at 15.4 W, resulting in an efficiency of 130 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 7950 mm can be achieved. In terms of lighting, the module has a colour temperature of 2700 - 6500 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 75.0 mm, resulting in a LED distance of 10.7 mm. Degree of protection IPX6 Dimension (L x W x H): 5025.0 mm x 8.0 mm x 1.5 mm

TOP-FEATURES

//__ BL TW is the name for Tuneable White

//__ With this series becomes a physiologically valuable light (= Human Centric Lighting) generated

//__ Long cable lengths and better stability through double layers

//__ Continuously dimming between 2700 - 6500 K

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MECHANICAL DATA

| | |
|------------------------------------|------------------------|
| Width [mm] | 8.0 |
| Length [mm] | 5025.0 |
| Height/depth [mm] | 1.5 |
| Height [mm] | 1.5 |
| Colour | White |
| Model | Band |
| Self-adhesive | yes |
| Lamp type | LED nicht austauschbar |
| Distance [mm] | 10.7 |
| Distance relating to | LED zu LED |
| Degree of protection (IP) | IPX6 |
| Length of particular segments [mm] | 75.0 |
| Lowest bending radius [mm] | 20 |
| With connection set | yes |
| With end piece | nein |
| Number of lamps per meter | 186 |

ELECTRICAL DATA

| | |
|---------------------------|---------|
| Protection class | III |
| Voltage type | DC |
| Lamp voltage [V] | 24 |
| Input voltage range [V] | 23 - 25 |
| Lamp power per meter [W] | 15.4 |
| Overall efficiency [lm/W] | 130 |

LIGHT TECHNICAL DATA

| | |
|-------------------------------------------------------------|-------------|
| Beam angle [°] | 120 |
| Colour rendering index CRI | >80 |
| Colour temperature [K] | 2700 - 6500 |
| Colour of light | White |
| Luminous flux per meter [lm] | 2000 |
| Energy efficiency class provided exchangeable built-in lamp | E |
| Colour consistency (McAdam ellipse) | SDCM3 |

CONNECTION

| | |
|-------------------------------|------|
| Conductor cross section [mm²] | 0.5 |
| Number of poles | 3 |
| Max. length [mm] | 7950 |

TEMPERATURE TECHNICAL DATA

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| | |
|-------------------------------------------|---------------|
| Ambient/storage temperature [°C] | - 5 ... + 55 |
| Operation temperature at Tc [°C] | - 5 ... + 60 |
| Ambient temperature during operating [°C] | - 20 ... + 45 |
| Rated life time L80/B10 at 25 °C [h] | 60000 |

PACKAGING INFORMATION

| | |
|-----------------------|---------------|
| EAN | 4250716942002 |
| Article no. | 102094 |
| Net weight [g] | 90 |
| Gross weight [g] | 185.5 |
| Gross width [mm] | 200.0 |
| Gross height [mm] | 18.0 |
| Gross length [mm] | 200.0 |
| Customs tariff number | 94054099 |
| Net width [mm] | 8.0 |
| Net height [mm] | 1.5 |
| Net length [mm] | 5025 |
| 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. 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