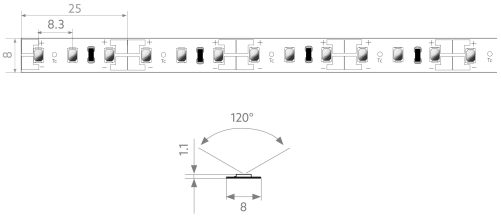
# BL ONE Comfort TWO 300 - Indoor IP20

**BL ONE Comfort Two LED strip 300lm/m 12VDC 2.4W/m IP20 850 5m**

Article no.: 101746






| 12 V | 5000 mm | >80 | 300 lm |
|---|---|---|---|
| Lamp voltage | Max. length | Colour rendering index CRI | Luminous flux per meter |

## TENDER TEXT

LED strip Comfort Two 300lm/m 12VDC, 2.4 W/m, IP20, CRI>80, 5000K, separability 25mm, incl. 2-pole feeder 500 mm, 5 metres LED module BL ONE Comfort TWO 300 - Indoor IP20 Article 101746 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 TWO 300 - Indoor IP20 LED-strip has a luminous flux of 300 lm at 2.4 W, resulting in an efficiency of 125 lm/W. At a nominal voltage of 12 V DC on the connection, a maximum module length of 5000 mm can be achieved. In terms of lighting, the module has a colour temperature of 5000 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 25.0 mm, resulting in a LED distance of 8.3 mm. Degree of protection IP20 Dimension (L x W x H): 5000.0 mm x 8.0 mm x 1.1 mm

## TOP-FEATURES

//__ High separability of 25.0 mm reduces cold spots

//__ Particularly suitable for furniture due to 12 V DC voltage

//__ Flexible installation, with perfect corner lighting

//__ Also available in higher protection class IPX6

12 V | >80 | IP20 | 5000 K | RoHS COMPLIANT 2002/95/EC | CE

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## MECHANICAL DATA

| | |
|---|---|
| Width [mm] | 8.0 |
| Length [mm] | 5000.0 |
| Height/depth [mm] | 1.1 |
| Height [mm] | 1.1 |
| Colour | White |
| Model | Band |
| Self-adhesive | Yes |
| Lamp type | LED nicht austauschbar |
| Distance [mm] | 8.3 |
| Distance relating to | LED zu LED |
| Degree of protection (IP) | IP20 |
| Length of particular segments [mm] | 25.0 |
| Lowest bending radius [mm] | 20 |
| With connection set | Yes |
| With end piece | nein |
| Number of lamps per meter | 120 |

## ELECTRICAL DATA

| | |
|---|---|
| Protection class | III |
| Voltage type | DC |
| Lamp voltage [V] | 12 |
| Lamp power per meter [W] | 2.4 |
| Overall efficiency [lm/W] | 125 |

## LIGHT TECHNICAL DATA

| | |
|---|---|
| Beam angle [°] | 120 |
| Colour rendering index CRI | >80 |
| Colour temperature [K] | 5000 |
| Colour of light | White |
| Luminous flux per meter [lm] | 300 |
| 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] | 5000 |

## TEMPERATURE TECHNICAL DATA

| | |
|---|---|
| Ambient/storage temperature [°C] | - 5 ... + 55 |

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| | |
|---|---|
| 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 | 4250716930528 |
| Article no. | 101746 |
| Net weight [g] | 49 |
| Gross weight [g] | 175 |
| 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] | 1.1 |
| Net length [mm] | 5000 |
| State of origin | AT |

* Information about the electrical and lighting technology measurements: Performance data measured after 1 min. at 25 °C ambient temperature and a light colour of 4,000 K (or RGB). These values can have a tolerance value of -/+ 15%. Module length at 24 V input voltage at the module and luminous flux drop 10% over the specified length.

## NECESSARY ACCESSORIES

| Article | Article no. |
|---|---|
| **DMX SXT** | **101649** |

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