

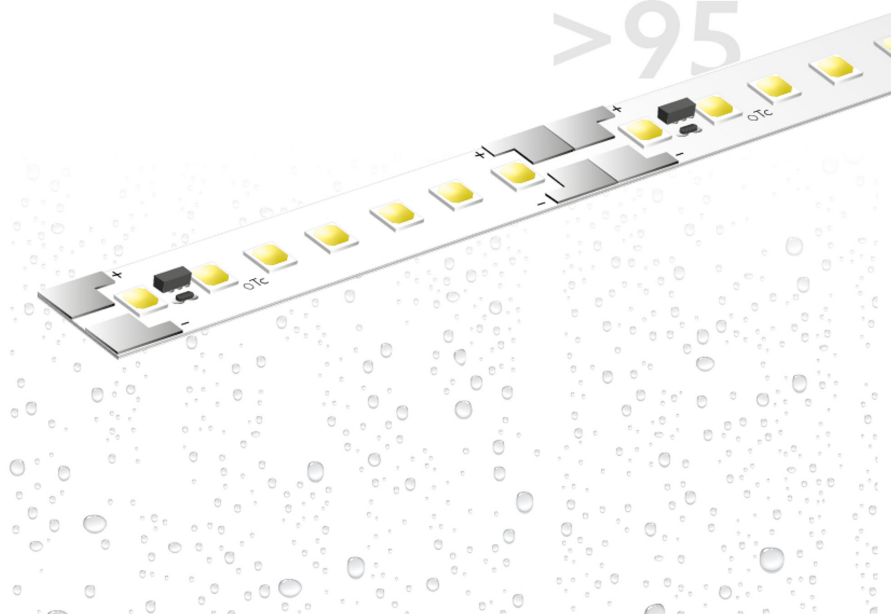
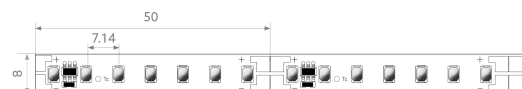
BL ONE Select Retail 2000

BL ONE Select Retail LED strip 2000lm/m 24VDC 17.9W/m IPX6 940 5m

Article no.: 101836



CRI
>95



24

V

Lamp voltage

5500

mm

Max. length

>95

Colour rendering index CRI

2000

lm

Luminous flux per meter

TENDER TEXT

LED strip ONE Select Retail 2000 lm/m 24VDC, 17.9W/m, 112 lm/W, IPX6, CRI>95, 4000K, WHITE, connection cable 500 mm on both sides, 5 metres LED module BL ONE Select Retail 2000 Article 101836 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 Select Retail 2000 LED-strip has a luminous flux of 2000 lm at 17.9 W, resulting in an efficiency of 112 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 5500 mm can be achieved. In terms of lighting, the module has a colour temperature of 4000 K and a beam angle of 120°. All this with a colour rendering index of >95 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 IPX6 Dimension (L x W x H): 5000.0 mm x 8.0 mm x 1.5 mm

TOP-FEATURES

- //__ Best light quality for shop lighting thanks to CRI >95
- //__ Long line lengths and better stability due to double layer
- //__ Wide choice of light colors and lumen packages
- //__ Available in Degree of Protection IPX6



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MECHANICAL DATA

| | |
|------------------------------------|------------------------|
| Width [mm] | 8.0 |
| Length [mm] | 5000.0 |
| Height/depth [mm] | 1.5 |
| Height [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) | IPX6 |
| Length of particular segments [mm] | 50.0 |
| Lowest bending radius [mm] | 20 |
| With connection set | yes |
| With end piece | nein |
| 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] | 17.9 |
| Overall efficiency [lm/W] | 112 |

LIGHT TECHNICAL DATA

| | |
|---|-------|
| Beam angle [°] | 120 |
| Colour rendering index CRI | >95 |
| Colour temperature [K] | 4000 |
| Colour of light | White |
| Luminous flux per meter [lm] | 2000 |
| 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] | 5500 |

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 | 4250716935912 |
| Article no. | 101836 |
| 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] | 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 -/+ 10% (or -/+ 15 %at ECO / TWO / RGB / AIR). Module length at 24 V input voltage at the module and luminous flux drop 10% over the specified length.

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