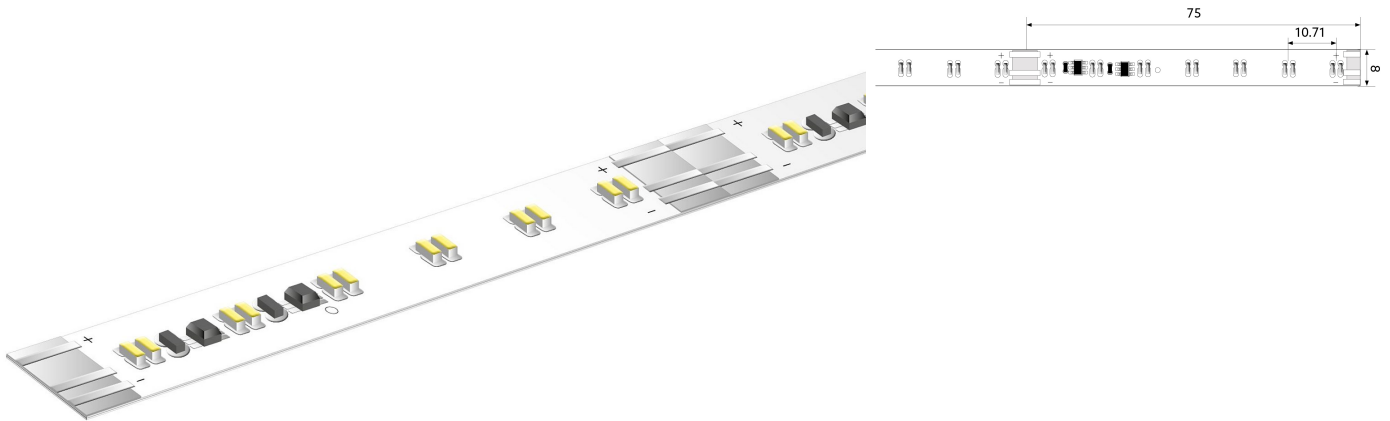


BLTWS 2000 >80

BLTWS2000024DC154X6827865W05

Article no.: 102094

BILTON
FOCUSED
ON
LINEAR
LIGHT



24
V

Lamp voltage

75.0
mm

Length of particular
segments

2700 - 6500
K

Colour temperature

7950.0
mm

Max. length

TENDER TEXT

BILTON TW 2000 LED strip 24VDC 15,4W/m IPX6 CRI>80 2700-6500K WHITE 5m LED module BLTWS 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 BLTWS 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 7950.0 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 10.70 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

| | |
|------------------------------------|------------|
| Net width [mm] | 8.0 |
| Net height [mm] | 1.5 |
| Net length [mm] | 5025.0 |
| Degree of protection (IP) | IPX6 |
| Colour | White |
| Net weight [g] | 90 |
| Distance [mm] | 10.70 |
| Distance relating to | LED to LED |
| Length of particular segments [mm] | 75.0 |

ELECTRICAL DATA

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

LIGHT TECHNICAL DATA

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

CONNECTION

| | |
|-------------------------------|--------|
| Number of poles | 3 |
| Conductor cross section [mm²] | 0.50 |
| Max. length [mm] | 7950.0 |

TEMPERATURE TECHNICAL DATA

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

PACKAGING INFORMATION

| | |
|-----|---------------|
| EAN | 4250716942002 |
|-----|---------------|

BLTWS 2000 >80

BILTONFOCUSED
ON
LINEAR
LIGHT**BLTWS2000024DC154X6827865W05**

Article no.: 102094

| | |
|-----------------------|----------|
| Article no. | 102094 |
| Customs tariff number | 94054099 |
| Length [mm] | 5025.0 |
| Gross weight [g] | 185.5 |
| Gross height [mm] | 18.0 |
| Gross width [mm] | 200.0 |
| Gross length [mm] | 200.0 |
| 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.biltongroup.com

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.biltongroup.com