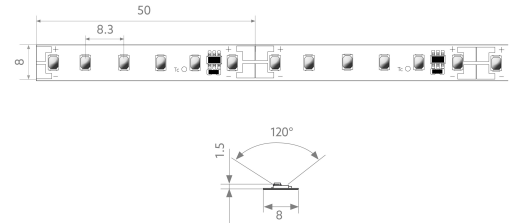
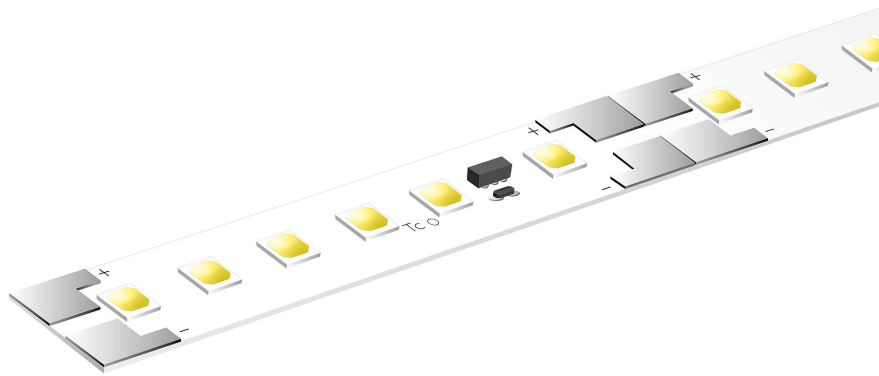


BLONE 600 >90

BLONE0600024DC06500927000W05

Article no.: 100631



Lamp voltage



Max. length



Colour rendering index CRI



Luminous flux per meter

TENDER TEXT

BILTONONE 600 LED strip 24VDC 6,5W/m IP00 CRI>90 2700K WHITE 5m LED module BLONE 600 >90 Article 100631 Linear LED light strip on a flexible circuit board. Installation using self-adhesive heat-conducting adhesive tape. Dimmable using BILTON LED dimmer. Suitable for ambient temperatures from -20 ... +45 °C at a service life of 60000 h. The BLONE 600 >90 LED-strip has a luminous flux of 600 lm at 6.5 W, resulting in an efficiency of 95 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 10500 mm can be achieved. In terms of lighting, the module has a colour temperature of 2700 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 8.3 mm. Degree of protection IP00 Dimension (L x W x H): 5000.0 mm x 8.0 mm x 1.5 mm

TOP-FEATURES

- //_ Wide range of applications for linear lighting in white
- //_ Highly flexible LED light strip for general lighting tasks
- //_ With a maximum module length of up to long, linear lighting lines can be implemented



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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] | 8.3 |
| Degree of protection (IP) | IP00 |
| 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 | 120 |

ELECTRICAL DATA

| | |
|---------------------------|---------|
| Protection class | ohne |
| Voltage type | DC |
| Lamp voltage [V] | 24 |
| Input voltage range [V] | 23 - 25 |
| Lamp power per meter [W] | 6.5 |
| Overall efficiency [lm/W] | 95 |

LIGHT TECHNICAL DATA

| | |
|---|-------|
| Beam angle [°] | 120 |
| Colour rendering index CRI | >90 |
| Colour temperature [K] | 2700 |
| Luminous flux per meter [lm] | 600 |
| Energy efficiency class provided exchangeable built-in lamp | A + |
| Colour consistency (McAdam ellipse) | SDCM3 |

CONNECTION

| | |
|--|-------|
| Conductor cross section [mm ²] | 0.5 |
| Number of poles | 2 |
| Max. length [mm] | 10500 |

TEMPERATURE TECHNICAL DATA

| | |
|----------------------------------|--------------|
| Ambient/storage temperature [°C] | - 5 ... + 55 |
| Operation temperature at Tc [°C] | - 5 ... + 60 |

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

PACKAGING INFORMATION

| | |
|-----------------------|----------|
| Article no. | 100631 |
| 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] | 1.5 |
| Net length [mm] | 5000 |
| 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 %.

NECESSARY ACCESSORIES

| Article | Article no. |
|-----------------------------|---------------|
| Feeder 2-pole 500mm | 170152 |
| Feeder 2-pole 2000mm | 170153 |
| BILTON DRIVE 100W | 170806 |
| BILTON DRIVE 60W | 170807 |

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