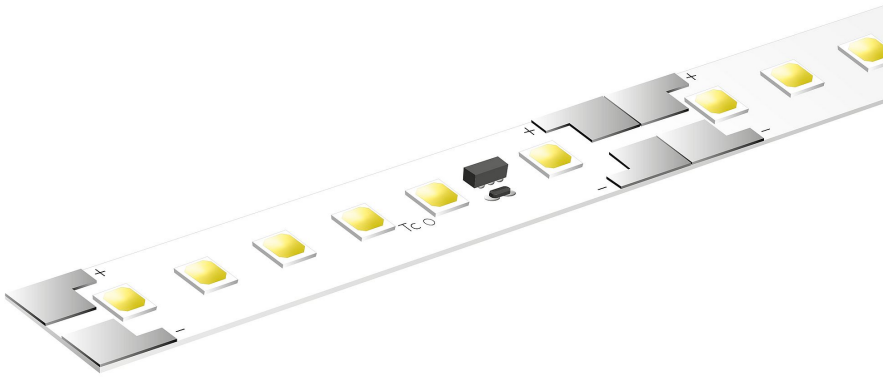
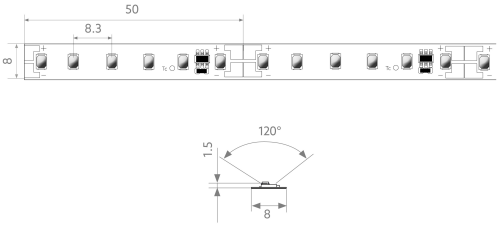
# BLONE 1300 >90

**BLONE1300024DC139X6950000W05**

Article no.: 100832






**24 V** — Lamp voltage

**1300 lm** — Luminous flux per meter

**6500.0 mm** — Max. length

**>90** — Colour rendering index CRI

## TENDER TEXT

BILTONONE 1300 LED strip 24V DC 13,9W/m IPX6 CRI>90 5000K WHITE 5m LED module BLONE 1300 >90 Article 100832 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 6000 h . The BLONE 1300 >90 LED-strip has a luminous flux of 1300 lm at 13.9 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 6500.0 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 >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 8.30 mm. Degree of protection IPX6 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

24 V | >90 | IPX6 | 5000 K | RoHS COMPLIANT 2002/95/EC | CE

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## MECHANICAL DATA

| | |
|---|---|
| Net width [mm] | 8.0 |
| Net height [mm] | 1.5 |
| Net length [mm] | 5000.0 |
| Degree of protection (IP) | IPX6 |
| Colour | White |
| Net weight [g] | 50.4 |
| Distance [mm] | 8.30 |
| Length of particular segments [mm] | 50.0 |

## ELECTRICAL DATA

| | |
|---|---|
| Overall efficiency [lm/W] | 95 |
| Lamp power per meter [W] | 13.9 |
| Lamp voltage [V] | 24 |
| Imput voltage range [V] | 23 - 25 |
| Voltage type | DC |
| Protection class | None |

## LIGHT TECHNICAL DATA

| | |
|---|---|
| Luminous flux per meter [lm] | 1300 |
| Beam angle [°] | 120 |
| Colour consistency (McAdam ellipse) | SDCM3 |
| Colour rendering index CRI | >90 |
| Colour temperature [K] | 5000 |
| Energy efficiency class provided exchangeable built-in lamp | A + |

## CONNECTION

| | |
|---|---|
| Number of poles | 2 |
| Conductor cross section [mm²] | 0.50 |
| Max. length [mm] | 6500.0 |

## TEMPERATURE TECHNICAL DATA

| | |
|---|---|
| Rated life time L80/B10 at 25 °C [h] | 6000 |
| Ambient temperature during operating [°C] | - 20 ... + 45 |
| Ambient/storage temperature [°C] | - 5 ... + 55 |
| Operation temperature at Tc [°C] | - 5 ... + 60 |

## PACKAGING INFORMATION

| | |
|---|---|
| EAN | 4250716932232 |
| Article no. | 100832 |


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# BLONE 1300 >90

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Article no.: 100832

| | |
|---|---|
| **Customs tariff number** | 94054099 |
| **Length [mm]** | 5000.0 |
| **Gross weight [g]** | 179.2 |
| **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 %.

## NECESSARY ACCESSORIES

| Article | Article no. |
|---|---|
| **Feeder 2-pole 500mm** | **170152** |
| **Feeder 2-pole 2000mm** | **170153** |

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


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