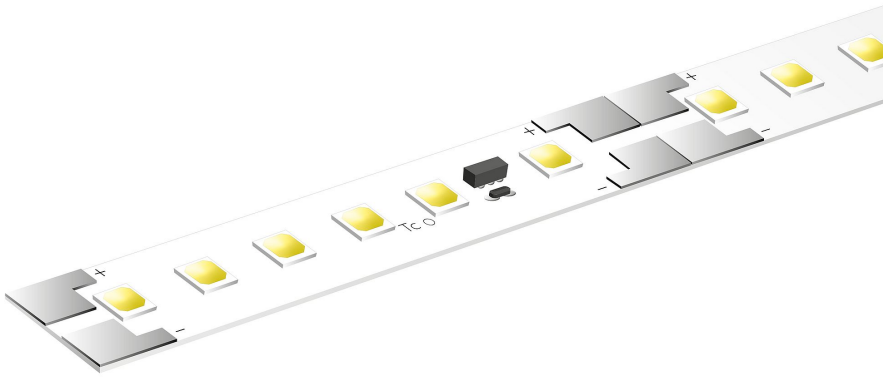
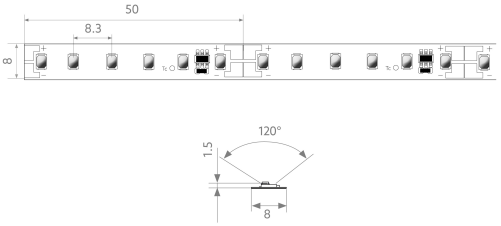
# BLONE 2000 >90

**BLONE2000024DC21900940000W20**

Article no.: 100865






| 24 V | 2000 lm | 4500.0 mm | >90 |
|---|---|---|---|
| Lamp voltage | Luminous flux per meter | Max. length | Colour rendering index CRI |

## TENDER TEXT

BILTONONE 2000 LED strip 24V DC 21,9W/m IP00 CRI>90 4000K WHITE 20m LED module BLONE 2000 >90 Article 100865 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 2000 >90 LED-strip has a luminous flux of 2000 lm at 21.9 W, resulting in an efficiency of 91 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 4500.0 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 >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 IP00 Dimension (L x W x H): 20000.0 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 | IP00 | 4000 K | RoHS COMPLIANT 2002/95/EC | CE

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# BLONE 2000 >90

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## MECHANICAL DATA

| | |
|---|---|
| Net width [mm] | 8.0 |
| Net height [mm] | 1.5 |
| Net length [mm] | 20000.0 |
| Degree of protection (IP) | IP00 |
| Colour | White |
| Net weight [g] | 199 |
| Distance [mm] | 8.30 |
| Length of particular segments [mm] | 50.0 |

## ELECTRICAL DATA

| | |
|---|---|
| Overall efficiency [lm/W] | 91 |
| Lamp power per meter [W] | 21.9 |
| Lamp voltage [V] | 24 |
| Imput voltage range [V] | 23 - 25 |
| Voltage type | DC |
| Protection class | None |

## LIGHT TECHNICAL DATA

| | |
|---|---|
| Luminous flux per meter [lm] | 2000 |
| Beam angle [°] | 120 |
| Colour consistency (McAdam ellipse) | SDCM3 |
| Colour rendering index CRI | >90 |
| Colour temperature [K] | 4000 |
| Energy efficiency class provided exchangeable built-in lamp | A + |

## CONNECTION

| | |
|---|---|
| Number of poles | 2 |
| Conductor cross section [mm²] | 0.50 |
| Max. length [mm] | 4500.0 |

## 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

| | |
|---|---|
| Article no. | 100865 |
| Customs tariff number | 94054099 |


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# BLONE 2000 >90

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Article no.: 100865

| | |
|---|---|
| Length [mm] | 20000.0 |
| Gross weight [g] | 319.0 |
| 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** |
| **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.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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