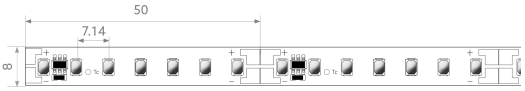
# BLONE 900 >80

**BLO190900024DC06920840000W20**

Article no.: 101015






| 24 V | 900 lm | 12500.0 mm | >80 |
|---|---|---|---|
| Lamp voltage | Luminous flux per meter | Max. length | Colour rendering index CRI |

## TENDER TEXT

BL ONE 900 LED strip 24VDC 6,9W/m IP20 CRI>80 4000K WHITE 20m LED module BLONE 900 >80 Article 101015 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 BLONE 900 >80 LED-strip has a luminous flux of 900 lm at 6.9 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 12500.0 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 >80 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 IP20 Dimension (L x W x H): 20000.0 mm x 8.0 mm x 1.5 mm

## TOP-FEATURES

//__ Improvement of homogeneity by 20 additional LEDs per meter

//__ Wide choice of light colors and lumen packages

//__ Wide range of applications for linear lighting in white

//__ With a maximum module length of up to 12500.0 mm long, linear lighting lines can be implemented

//__ UL certification available

24 V | >80 | IP20 | 4000 K | RoHS COMPLIANT 2002/95/EC | CE

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# BLONE 900 >80

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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) | IP20 |
| Colour | White |
| Net weight [g] | 199 |
| Distance [mm] | 7.14 |
| Distance relating to | LED to LED |
| Length of particular segments [mm] | 50.0 |

## ELECTRICAL DATA

| | |
|---|---|
| Overall efficiency [lm/W] | 130 |
| Lamp power per meter [W] | 6.9 |
| Lamp voltage [V] | 24 |
| Imput voltage range [V] | 23 - 25 |
| Voltage type | DC |
| Protection class | III |

## LIGHT TECHNICAL DATA

| | |
|---|---|
| Luminous flux per meter [lm] | 900 |
| Beam angle [°] | 120 |
| Colour consistency (McAdam ellipse) | SDCM3 |
| Colour rendering index CRI | >80 |
| Colour temperature [K] | 4000 |
| Energy efficiency class provided exchangeable built-in lamp | E |

## CONNECTION

| | |
|---|---|
| Number of poles | 2 |
| Conductor cross section [mm²] | 0.50 |
| Max. length [mm] | 12500.0 |

## 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 | 4250716933840 |


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# BLONE 900 >80

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Article no.: 101015

| | |
|---|---|
| **Article no.** | 101015 |
| **Customs tariff number** | 94054099 |
| **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 %.

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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