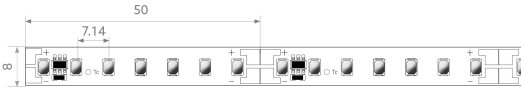
# BLONE 3000 >80

**BLO193000024DC240X6827000W20**
Article no.: 101432

BETTER LIGHT




| 24 V | 4500 mm | >80 | 2620 lm |
|---|---|---|---|
| Lamp voltage | Max. length | Colour rendering index CRI | Luminous flux per meter |

## TENDER TEXT

BL ONE 3000 LED strip 24VDC 24W/m IPX6 CRI>80 2700K WHITE 20m LED module BLONE 3000 >80 Article 101432 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 3000 >80 LED-strip has a luminous flux of 2620 lm at 24.0 W, resulting in an efficiency of 109 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 4500 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 >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 IPX6 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 4500 mm long, linear lighting lines can be implemented

//__ UL certification available

24 V | >80 | IPX6 | 2700 K | RoHS COMPLIANT 2002/95/EC | CE

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Gewerbepark Harham 2, 5760 Saalfelden | Austria | Phone: +43 6582 71164 | Mail: office@bltechnology.at
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## MECHANICAL DATA

| | |
|---|---|
| Width [mm] | 8.0 |
| Length [mm] | 20000.0 |
| Height/depth [mm] | 1.5 |
| Height [mm] | 1.5 |
| Colour | White |
| Model | Band |
| Self-adhesive | Yes |
| Lamp type | LED nicht austauschbar |
| Distance [mm] | 7.14 |
| Distance relating to | LED zu LED |
| Degree of protection (IP) | IPX6 |
| 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 | 140 |

## ELECTRICAL DATA

| | |
|---|---|
| Protection class | III |
| Voltage type | DC |
| Lamp voltage [V] | 24 |
| Imput voltage range [V] | 23 - 25 |
| Lamp power per meter [W] | 24.0 |
| Overall efficiency [lm/W] | 109 |

## LIGHT TECHNICAL DATA

| | |
|---|---|
| Beam angle [°] | 120 |
| Colour rendering index CRI | >80 |
| Colour temperature [K] | 2700 |
| Colour of light | White |
| Luminous flux per meter [lm] | 2620 |
| Energy efficiency class provided exchangeable built-in lamp | F |
| Colour consistency (McAdam ellipse) | SDCM3 |

## CONNECTION

| | |
|---|---|
| Conductor cross section [mm²] | 0.5 |
| Number of poles | 2 |
| Max. length [mm] | 4500 |

## TEMPERATURE TECHNICAL DATA

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

## PACKAGING INFORMATION

| | |
|---|---|
| EAN | 4250716934502 |
| Article no. | 101432 |
| Net weight [g] | 204.8 |
| Gross weight [g] | 328.6 |
| 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] | 20000 |
| State of origin | AT |

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

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