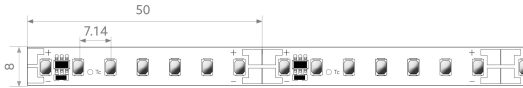


# BLONE 2000 >80

BLO192000024DC153X6865000W20

Article no.: 101171



Lamp voltage



Max. length



Colour rendering index CRI



Luminous flux per meter

## TENDER TEXT

BL ONE 2000 LED strip 24VDC 15,3W/m IPX6 CRI>80 6500K WHITE 20m LED module BLONE 2000 >80 Article 101171 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 at a service life of 60000 . The BLONE 2000 >80 LED-strip has a luminous flux of 1850 at 15.3 , resulting in an efficiency of 121 . At a nominal voltage of 24 DC on the connection, a maximum module length of 7000 can be achieved. In terms of lighting, the module has a colour temperature of 6500 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 , resulting in a LED distance of 7.14 . Degree of protection IPX6 Dimension (L x W x H): 20000 x 8 x 1.5

## 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 7000 long, linear lighting lines can be implemented
- //\_\_ UL certification available



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## MECHANICAL DATA

|                               |                        |
|-------------------------------|------------------------|
| Width                         | 8                      |
| Length                        | 20000                  |
| Height/depth                  | 1.5                    |
| Height                        | 1.5                    |
| Colour                        | White                  |
| Model                         | Band                   |
| Self-adhesive                 | yes                    |
| Lamp type                     | LED nicht austauschbar |
| Distance                      | 7.14                   |
| Distance relating to          | LED zu LED             |
| Degree of protection (IP)     | IPX6                   |
| Length of particular segments | 50                     |
| Lowest bending radius         | 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         | 24      |
| Input voltage range  | 23 - 25 |
| Lamp power per meter | 15.3    |
| Overall efficiency   | 121     |

## LIGHT TECHNICAL DATA

|                                                             |       |
|-------------------------------------------------------------|-------|
| Beam angle                                                  | 120   |
| Colour rendering index CRI                                  | >80   |
| Colour temperature                                          | 6500  |
| Colour of light                                             | White |
| Luminous flux per meter                                     | 1850  |
| Energy efficiency class provided exchangeable built-in lamp | E     |
| Colour consistency (McAdam ellipse)                         | SDCM3 |

## CONNECTION

|                         |      |
|-------------------------|------|
| Conductor cross section | 0.5  |
| Number of poles         | 2    |
| Max. length             | 7000 |

# TEMPERATURE TECHNICAL DATA

|                                      |               |
|--------------------------------------|---------------|
| Ambient/storage temperature          | - 5 ... + 55  |
| <b>BLO192000024DC153X6865000W20</b>  |               |
| Operation temperature at Tc          | - 5 ... + 60  |
| Article no.: 101171                  |               |
| Ambient temperature during operating | - 20 ... + 45 |
| Rated life time L80/B10 at 25 °C     | 60000         |



## PACKAGING INFORMATION

|                       |          |
|-----------------------|----------|
| State of origin       | AT       |
| Customs tariff number | 94054099 |
| Net weight [g]        | 204.8    |
| Gross weight [g]      | 328.6    |
| Gross width [mm]      | 200      |
| Gross height [mm]     | 18       |
| Gross length [mm]     | 200      |
| Net width [mm]        | 8        |
| Net height [mm]       | 1.5      |
| Net length [mm]       | 20000    |

SAFETY INFORMATION: Read the safety and installation instructions carefully and completely before commissioning. The operating instructions can be found at: [www.better-light.at](http://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](http://www.better-light.at)