

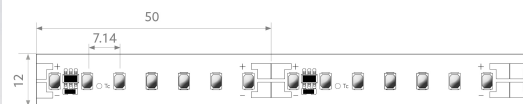
BLOXL 5000 >80

BLOXL5000024DC36520830000W05

Article no.: 101915

BILTON

FOCUSED
ON
LINEAR
LIGHT



24
V

Lamp voltage

5000
lm

Luminous flux per meter

4000.0
mm

Max. length

>80

Colour rendering index CRI

TENDER TEXT

BL ONE XL 5000 LED strip 24VDC 36,5W/m IP20 CRI>80 3000K WHITE 5m LED module BLOXL 5000 >80 Article 101915 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 BLOXL 5000 >80 LED-strip has a luminous flux of 5000 lm at 36.5 W, resulting in an efficiency of 137 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 4000.0 mm can be achieved. In terms of lighting, the module has a colour temperature of 3000 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): 5000.0 mm x 12.0 mm x 1.5 mm

TOP-FEATURES

- //__ High lumen packages up to 5000 lm
- //__ Module width of 12.0 mm for thermal conduction and long line lengths
- //__ High design freedom, current capacity and longer module lengths are achievable
- //__ UL certification available

24 V

>80

IP20

3000 K



RoHS
COMPLIANT
2002/95/EC



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MECHANICAL DATA

| | |
|------------------------------------|------------|
| Net width [mm] | 12.0 |
| Net height [mm] | 1.5 |
| Net length [mm] | 5000.0 |
| Degree of protection (IP) | IP20 |
| Colour | White |
| Distance [mm] | 7.14 |
| Distance relating to | LED to LED |
| Length of particular segments [mm] | 50.0 |

ELECTRICAL DATA

| | |
|---------------------------|---------|
| Overall efficiency [lm/W] | 137 |
| Lamp power per meter [W] | 36.5 |
| Lamp voltage [V] | 24 |
| Input voltage range [V] | 23 - 25 |
| Voltage type | DC |
| Protection class | III |

LIGHT TECHNICAL DATA

| | |
|---|-------|
| Luminous flux per meter [lm] | 5000 |
| Beam angle [°] | 120 |
| Colour consistency (McAdam ellipse) | SDCM3 |
| Colour rendering index CRI | >80 |
| Colour temperature [K] | 3000 |
| Energy efficiency class provided exchangeable built-in lamp | E |

CONNECTION

| | |
|-------------------------------|--------|
| Number of poles | 2 |
| Conductor cross section [mm²] | 0.50 |
| Max. length [mm] | 4000.0 |

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 | 4250716938029 |
| Article no. | 101915 |

BLOXL 5000 >80



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| | |
|-----------------------|----------|
| Customs tariff number | 94054099 |
| Length [mm] | 5000.0 |
| Gross height [mm] | 22.0 |
| 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