

BLOPL 3000 >90

BLOPL3000024DC205X6930000W05

Article no.: 102074



24

V

Lamp voltage

2000

mm

Max. length

>90

Colour rendering index CRI

2870

lm

Luminous flux per meter

TENDER TEXT

BL ONE+ 3000 LED strip 24VDC 20,5W/m IPX6 CRI>90 3000K WHITE 5m LED module BLOPL 3000 >90 Article 102074 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 BLOPL 3000 >90 LED-strip has a luminous flux of 2870 lm at 20.5 W, resulting in an efficiency of 140 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 2000 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 >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 6.25 mm. Degree of protection IPX6 Dimension (L x W x H): 5000.0 mm x 8.0 mm x 1.5 mm

TOP-FEATURES

//__ Best light quality for shop lighting with CRI >90

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

//__ Wide choice of light colors and lumen packages

//__ With a maximum module length of up to 2000 mm long, linear lighting lines can be implemented



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MECHANICAL DATA

| | |
|------------------------------------|------------------------|
| Width [mm] | 8.0 |
| Length [mm] | 5000.0 |
| Height/depth [mm] | 1.5 |
| Height [mm] | 1.5 |
| Colour | White |
| Model | Band |
| Self-adhesive | yes |
| Lamp type | LED nicht austauschbar |
| Distance [mm] | 6.25 |
| 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 | 160 |

ELECTRICAL DATA

| | |
|---------------------------|---------|
| Protection class | III |
| Voltage type | DC |
| Lamp voltage [V] | 24 |
| Input voltage range [V] | 23 - 25 |
| Lamp power per meter [W] | 20.5 |
| Overall efficiency [lm/W] | 140 |

LIGHT TECHNICAL DATA

| | |
|---|-------|
| Beam angle [°] | 120 |
| Colour rendering index CRI | >90 |
| Colour temperature [K] | 3000 |
| Colour of light | White |
| Luminous flux per meter [lm] | 2870 |
| Energy efficiency class provided exchangeable built-in lamp | E |
| Colour consistency (McAdam ellipse) | SDCM3 |

CONNECTION

| | |
|-------------------------------|------|
| Conductor cross section [mm²] | 0.5 |
| Number of poles | 2 |
| Max. length [mm] | 2000 |

TEMPERATURE TECHNICAL DATA

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| | |
|---|---------------|
| Ambient/storage temperature [°C] | 0 ... + 60 |
| 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 | 4250716939736 |
| Article no. | 102074 |
| Net weight [g] | 50.4 |
| Gross weight [g] | 179.2 |
| 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] | 5000 |
| 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