

# BLOPL 2000 >90

BLOPL2000024DC13620940000W05

Article no.: 102052



24

V

Lamp voltage

4000

mm

Max. length

>90

Colour rendering index CRI

2000

lm

Luminous flux per meter

## TENDER TEXT

BL ONE+ 2000 LED strip 24VDC 13,6W/m IP20 CRI>90 4000K WHITE 5m LED module BLOPL 2000 >90 Article 102052 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 2000 >90 LED-strip has a luminous flux of 2000 lm at 13.6 W, resulting in an efficiency of 147 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 4000 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 >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 IP20 Dimension (L x W x H): 5000.0 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 4000 mm long, linear lighting lines can be implemented

24 V

>90

IP20

4000 K



RoHS  
COMPLIANT  
2002/95/EC



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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)	IP20
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]	13.6
Overall efficiency [lm/W]	147

## LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	4000
Colour of light	White
Luminous flux per meter [lm]	2000
Energy efficiency class provided exchangeable built-in lamp	D
Colour consistency (McAdam ellipse)	SDCM3

## CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	2
Max. length [mm]	4000

## 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	4250716939514
Article no.	102052
Net weight [g]	49
Gross weight [g]	175
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

\* 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.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)