

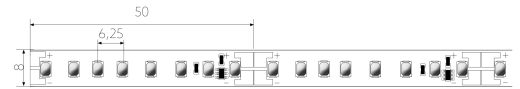
# BLOHE 2000 >90

BLOHE2000024DC11820927000W05

Article no.: 102158

**BILTON**

FOCUSED  
ON  
LINEAR  
LIGHT



24  
V

Lamp voltage

1960  
lm

Luminous flux per meter

3500.0  
mm

Max. length

>90

Colour rendering index CRI

## TENDER TEXT

BL ONE High Efficiency LED strip 2000 24VDC 11,8W/m IP20 CRI>90 2700K WHITE 5m LED module BLOHE 2000 >90 Article 102158 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 BLOHE 2000 >90 LED-strip has a luminous flux of 1960 lm at 11.8 W, resulting in an efficiency of 166 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 3500.0 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 >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

## 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 3500.0 mm long, linear lighting lines can be implemented



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## MECHANICAL DATA

Net width [mm]	8.0
Net height [mm]	1.5
Net length [mm]	5000.0
Degree of protection (IP)	IP20
Net weight [g]	50
Distance [mm]	6.25
Distance relating to	LED to LED
Length of particular segments [mm]	50.0

## ELECTRICAL DATA

Overall efficiency [lm/W]	166
Lamp power per meter [W]	11.8
Lamp voltage [V]	24
Input voltage range [V]	23 - 25
Voltage type	DC
Protection class	III

## LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	1960
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>90
Colour temperature [K]	2700
Energy efficiency class provided exchangeable built-in lamp	D

## CONNECTION

Number of poles	2
Conductor cross section [mm <sup>2</sup> ]	0.50
Max. length [mm]	3500.0

## 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	4250716945744
Article no.	102158

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Length [mm]	5000.0
Gross weight [g]	175.0
Gross height [mm]	18.0
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](http://www.biltongroup.com)

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