

BLONE 900 >90

BLO190900024DC08820922000W20

Article no.: 101456



24

V

Lamp voltage

10500

mm

Max. length

>90

Colour rendering index CRI

750

lm

Luminous flux per meter

TENDER TEXT

BL ONE 900 LED strip 24VDC 8,8W/m IP20 CRI>90 2200K WHITE 20m LED module BLONE 900 >90 Article 101456 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 BLONE 900 >90 LED-strip has a luminous flux of 750 lm at 8.8 W, resulting in an efficiency of 85 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 10500 mm can be achieved. In terms of lighting, the module has a colour temperature of 2200 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 7.14 mm. Degree of protection IP20 Dimension (L x W x H): 20000.0 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 10500 mm long, linear lighting lines can be implemented
- //__ UL certification available



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MECHANICAL DATA

Width [mm]	8.0
Length [mm]	20000.0
Height/depth [mm]	1.5
Height [mm]	1.5
Colour	White
Model	Band
Self-adhesive	yes
Lamp type	LED nicht austauschbar
Distance [mm]	7.14
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	140

ELECTRICAL DATA

Protection class	III
Voltage type	DC
Lamp voltage [V]	24
Input voltage range [V]	23 - 25
Lamp power per meter [W]	8.8
Overall efficiency [lm/W]	85

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	2200
Colour of light	White
Luminous flux per meter [lm]	750
Energy efficiency class provided exchangeable built-in lamp	G
Colour consistency (McAdam ellipse)	SDCM3

CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	2
Max. length [mm]	10500

TEMPERATURE TECHNICAL DATA

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Ambient/storage temperature [°C]	- 5 ... + 55
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

Article no.	101456
Net weight [g]	199
Gross weight [g]	319
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]	20000
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 %.

Note UL: The product is only UL compliant if a maximum module length of meter is not exceeded!

Use with Class 2 powersupply only!

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