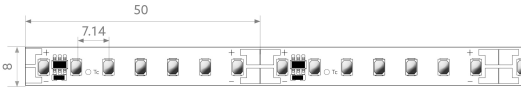
BLONE 1300 >90

BLO191300024DC128X6930000W05

Article no.: 101555

BETTER LIGHT





24 V	8000 mm	>90	1280 lm
Lamp voltage	Max. length	Colour rendering index CRI	Luminous flux per meter

TENDER TEXT

BL ONE 1300 LED strip 24VDC 12,8W/m IPX6 CRI>90 3000K WHITE 5m LED module BLONE 1300 >90 Article 101555 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 1300 >90 LED-strip has a luminous flux of 1280 lm at 12.8 W, resulting in an efficiency of 100 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 8000 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 7.14 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 8000 mm long, linear lighting lines can be implemented

//__ UL certification available

24 V | >90 | IPX6 | 3000 K | RoHS COMPLIANT 2002/95/EC | CE

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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]	7.14
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	140

ELECTRICAL DATA

Protection class	III
Voltage type	DC
Lamp voltage [V]	24
Imput voltage range [V]	23 - 25
Lamp power per meter [W]	12.8
Overall efficiency [lm/W]	100

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	3000
Colour of light	White
Luminous flux per meter [lm]	1280
Energy efficiency class provided exchangeable built-in lamp	F
Colour consistency (McAdam ellipse)	SDCM3

CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	2
Max. length [mm]	8000

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

EAN	4250716934915
Article no.	101555
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

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