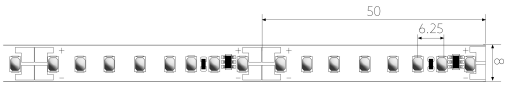
BLOPL 2000 >80

BLOPL2000024DC119X6827000W05

Article no.: 101992

BETTER LIGHT





24 V	6000 mm	>80	1850 lm
Lamp voltage	Max. length	Colour rendering index CRI	Luminous flux per meter

TENDER TEXT

BL ONE+ 2000 LED strip 24VDC 11,9W/m IPX6 CRI>80 2700K WHITE 5m LED module BLOPL 2000 >80 Article 101992 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 >80 LED-strip has a luminous flux of 1850 lm at 11.9 W, resulting in an efficiency of 155 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 6000 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 >80 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

//__ 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 6000 mm long, linear lighting lines can be implemented

24 V | >80 | IPX6 | 2700 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]	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
Imput voltage range [V]	23 - 25
Lamp power per meter [W]	11.9
Overall efficiency [lm/W]	155

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>80
Colour temperature [K]	2700
Colour of light	White
Luminous flux per meter [lm]	1850
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]	6000

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	4250716938913
Article no.	101992
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