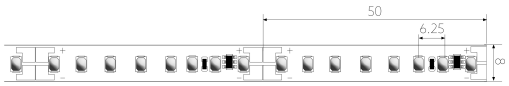
BLOPL 900 >90

BLOPL0900024DC06520965000W05

Article no.: 102022

BILTON
FOCUSED ON LINEAR LIGHT



24 V — Lamp voltage

925 lm — Luminous flux per meter

7500.0 mm — Max. length

>90 — Colour rendering index CRI

TENDER TEXT

BL ONE+ 900 LED strip 24VDC 6,5W/m IP20 CRI>90 6500K WHITE 5m LED module BLOPL 900 >90 Article 102022 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 900 >90 LED-strip has a luminous flux of 925 lm at 6.5 W, resulting in an efficiency of 142 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 7500.0 mm can be achieved. In terms of lighting, the module has a colour temperature of 6500 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 7500.0 mm long, linear lighting lines can be implemented

24 V | >90 | IP20 | 6500 K | RoHS COMPLIANT 2002/95/EC | CE

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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
Colour	White
Net weight [g]	49
Distance [mm]	6.25
Distance relating to	LED to LED
Length of particular segments [mm]	50.0

ELECTRICAL DATA

Overall efficiency [lm/W]	142
Lamp power per meter [W]	6.5
Lamp voltage [V]	24
Imput voltage range [V]	23 - 25
Voltage type	DC
Protection class	III

LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	925
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>90
Colour temperature [K]	6500
Energy efficiency class provided exchangeable built-in lamp	E

CONNECTION

Number of poles	2
Conductor cross section [mm²]	0.50
Max. length [mm]	7500.0

TEMPERATURE TECHNICAL DATA

Rated life time L80/B10 at 25 °C [h]	60000
Ambient temperature during operating [°C]	- 20 ... + 45
Ambient/storage temperature [°C]	0 ... + 60
Operation temperature at Tc [°C]	- 5 ... + 60

PACKAGING INFORMATION

EAN	4250716939217

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Customs tariff number	94054099
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

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.biltongroup.com

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