

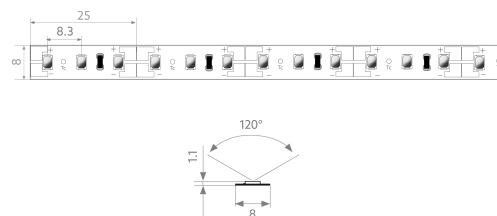
# BLTWO 900

BLTWO0900012DC08220830000W05

Article no.: 101729

**BILTON**

FOCUSED  
ON  
LINEAR  
LIGHT



1.1  
mm

Height

White

Colour

8.0  
mm

Width

Strip

Model

## TENDER TEXT

BL TWO 900 LED strip 12V DC 8,2W/m IP20 CRI>80 3000K WHITE 5m LED module  
BLTWO 900 Article 101729 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 BLTWO 900 LED-strip has a luminous flux of 900 lm at 8.2 W, resulting in an efficiency of 110 lm/W. At a nominal voltage of 12 V DC on the connection, a maximum module length of 3000.0 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 >80 and a Binning selection based on SDCM3 (MacAdams). The light strip can be separated every 25.0 mm, resulting in a LED distance of 8.30 mm. Degree of protection IP20 Dimension (L x W x H): 5000.0 mm x 8.0 mm x 1.1 mm

## TOP-FEATURES

- //\_\_ High separability of 25.0 mm reduces cold spots
- //\_\_ Particularly suitable for furniture due to 12 V DC voltage
- //\_\_ Flexible installation, with perfect corner lighting
- //\_\_ Also available in higher protection class IP20

12 V

>80

IP20

3000 K



RoHS  
COMPLIANT  
2002/95/EC



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## MECHANICAL DATA

Net width [mm]	8.0
Net height [mm]	1.1
Net length [mm]	5000.0
Degree of protection (IP)	IP20
Colour	White
Net weight [g]	49
Distance [mm]	8.30
Distance relating to	LED to LED
Length of particular segments [mm]	25.0

## ELECTRICAL DATA

Overall efficiency [lm/W]	110
Lamp power per meter [W]	8.2
Lamp voltage [V]	12
Voltage type	DC
Protection class	III

## LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	900
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>80
Colour temperature [K]	3000
Energy efficiency class provided exchangeable built-in lamp	F

## CONNECTION

Number of poles	2
Conductor cross section [mm²]	0.50
Max. length [mm]	3000.0

## 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	4250716929140
Article no.	101729

# BLTWO 900

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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

\* Information about the electrical and lighting technology measurements: Performance data measured after 1 min. at 25 °C ambient temperature and a light colour of 4,000 K (or RGB). These values can have a tolerance value of +/- 15%. Module length at 24 V input voltage at the module and luminous flux drop 10% over the specified length.

## NECESSARY ACCESSORIES

Article	Article no.
<b>DMX SXT</b>	<b>101649</b>

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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