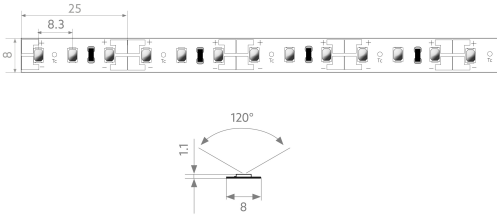
BLTWO 600

BLTWO0600012DC05320830000W05

Article no.: 101722





12 V	600 lm	4000.0 mm	>80
Lamp voltage	Luminous flux per meter	Max. length	Colour rendering index CRI

TENDER TEXT

BL TWO 600 LED strip 12V DC 5,3W/m IP20 CRI>80 3000K WHITE 5m LED module BLTWO 600 Article 101722 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 600 LED-strip has a luminous flux of 600 lm at 5.3 W, resulting in an efficiency of 113 lm/W. At a nominal voltage of 12 V DC on the connection, a maximum module length of 4000.0 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 | CE

Version: 20240329 // Errors and printing errors are reserved.
© BILTON International GmbH, Gewerbepark Harham 2, 5760 Saalfelden, Austria // Phone: +43 6582 71164 // Mail: office@biltongroup.com // www.biltongroup.com

BLTWO 600

BLTWO0600012DC05320830000W05
Article no.: 101722

BILTON
FOCUSED ON LINEAR LIGHT

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]	113
Lamp power per meter [W]	5.3
Lamp voltage [V]	12
Voltage type	DC
Protection class	III

LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	600
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]	4000.0

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	4250716929072
Article no.	101722

© BILTON International GmbH, Gewerbepark Harham 2, 5760 Saalfelden, Austria // Phone: +43 6582 71164 // Mail: office@biltongroup.com // www.biltongroup.com

BLTWO 600

BLTWO0600012DC05320830000W05

Article no.: 101722

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.
DMX SXT	**101649**

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

© BILTON International GmbH, Gewerbepark Harham 2, 5760 Saalfelden, Austria // Phone: +43 6582 71164 // Mail: office@biltongroup.com // www.biltongroup.com