

# BLTW TWO

BLTWO1300012DC14000830840W05

Article no.: 101743

**BILTON**  
FOCUSED  
ON  
LINEAR  
LIGHT



Lamp voltage



Luminous flux per meter



Max. length



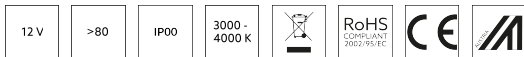
Colour rendering index CRI

## TENDER TEXT

BILTONTWO TW 1300 LED strip 12V DC 14,0 W/m IP00 CRI>80 3000-4000K 5m LED module BLTW TWO Article 101743 Linear LED light strip on a flexible circuit board. Installation using self-adhesive heat-conducting adhesive tape. Dimmable using BILTON LED dimmer. Suitable for ambient temperatures from -20 ... +45 °C at a service life of 60000 h . The BLTW TWO LED-strip has a luminous flux of 1300 lm at 14,0 W, resulting in an efficiency of 93 lm/W. At a nominal voltage of 12 V DC on the connection, a maximum module length of 2000.0 mm can be achieved. In terms of lighting, the module has a colour temperature of 3000-4000 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 IP00 Dimension (L x W x H): 5000.0 mm x 8.0 mm x 1.1 mm

## TOP-FEATURES

- //\_\_ Tuneable White (TW)e = selectable colour temperature in a wide range of white light
- //\_\_ Physiologically valuable light (Human Centric Lighting)
- //\_\_ Adaptation to the biorhythm using a suitable control system



## MECHANICAL DATA

Net width [mm]	8.0
Net height [mm]	1.1
Net length [mm]	5000.0
Degree of protection (IP)	IP00
Colour	White
Net weight [g]	49
Distance [mm]	8.30
Length of particular segments [mm]	25.0

## ELECTRICAL DATA

Overall efficiency [lm/W]	93
Lamp power per meter [W]	14.0
Lamp voltage [V]	12
Input voltage range [V]	23 - 25
Voltage type	DC
Protection class	None

## LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	1300
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>80
Colour temperature [K]	3000 - 4000
Energy efficiency class provided exchangeable built-in lamp	F

## CONNECTION

Number of poles	2
Conductor cross section [mm²]	0.50
Max. length [mm]	2000.0

## 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	4250716929287
Article no.	101743

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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>TWO TW Control</b>	<b>170738</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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