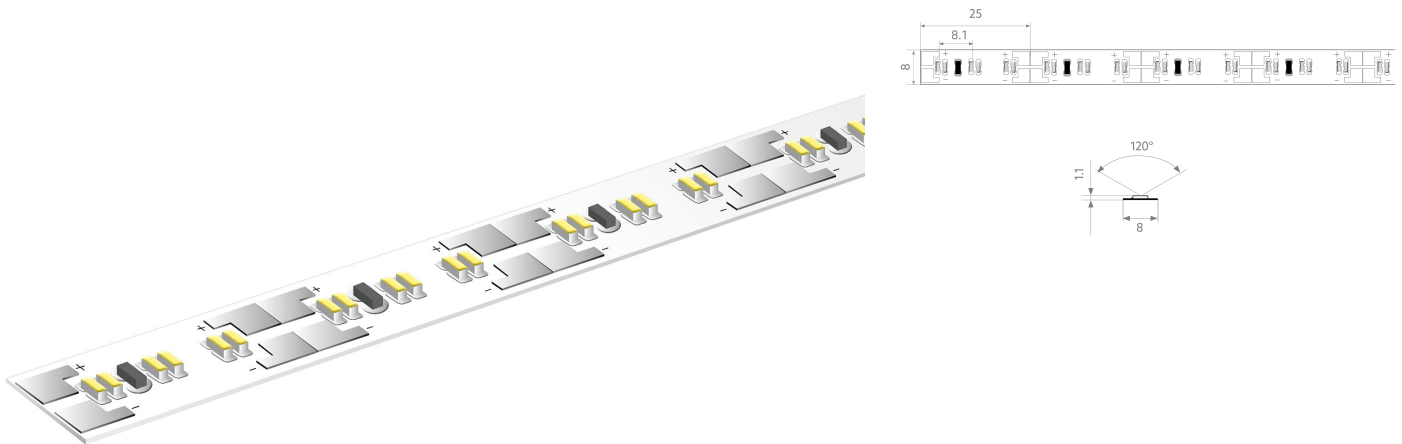


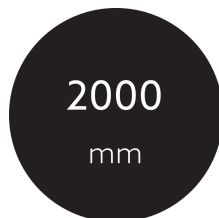
BLTW TWO

BL ONE Comfort Two LED strip 1300lm/m 12VDC 14W/m IP20 830-840 5m Colour Change

Article no.: 101743



Lamp voltage



Max. length



Colour rendering index CRI



Luminous flux per meter

TENDER TEXT

LED strip Comfort Two 1300lm/m 12VDC, 14 W/m, IP20, CRI>80, 3000-4000K colour change, separability 25mm, incl. 12V plug with flat cable, 5 metres 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 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 8.3 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



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MECHANICAL DATA

Width [mm]	8.0
Length [mm]	5000.0
Height/depth [mm]	1.1
Height [mm]	1.1
Colour	White
Model	Band
Self-adhesive	yes
Lamp type	LED nicht austauschbar
Distance [mm]	8.3
Degree of protection (IP)	IP00
Length of particular segments [mm]	25.0
Lowest bending radius [mm]	20
With connection set	yes
With end piece	nein
Number of lamps per meter	120

ELECTRICAL DATA

Protection class	ohne
Voltage type	DC
Lamp voltage [V]	12
Input voltage range [V]	23 - 25
Lamp power per meter [W]	14.0
Overall efficiency [lm/W]	93

LIGHT TECHNICAL DATA

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

CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	2
Max. length [mm]	2000

TEMPERATURE TECHNICAL DATA

Ambient/storage temperature [°C]	- 5 ... + 55
Operation temperature at Tc [°C]	- 5 ... + 60

BLTW TWO

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Ambient temperature during operating [°C]	- 20 ... + 45
Rated life time L80/B10 at 25 °C [h]	60000

PACKAGING INFORMATION

EAN	4250716929287
Article no.	101743
Net weight [g]	49
Gross weight [g]	175
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]	1.1
Net length [mm]	5000
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.
TWO TW Control	170738

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