BLTW ONE

BILTON
FOCUSED
ON
LINEAR
LIGHT

BLONE1300024DC14000827850W05

Article no.: 100505

24 V	1300 lm	2000.0 mm	>80
Lamp voltage	**Luminous flux per meter**	**Max. length**	**Colour rendering index CRI**

TENDER TEXT

BILTONONE TW 1300 LED strip 24V DC 14,0W/m IP00 CRI>80 2700-5000K WHITE 5m LED module BLTW ONE Article 100505 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 ONE LED-strip has a luminous flux of 1300 lm at 14.0 W, resulting in an efficiency of 108 lm/W. At a nominal voltage of 24 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 2700-5000 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 100.0 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 1.5 mm

TOP-FEATURES

//__ Tuneable White (TW)e = selectable colour temperature in a wide range of white light

//__ Physiologically valuable light (Human Centric Lighting)

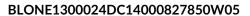//__ Adaptation to the biorhythm using a suitable control system

24 V	>80	IP00	2700 - 5000 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)	IP00
Colour	White
Net weight [g]	49
Distance [mm]	8.30
Length of particular segments [mm]	100.0

ELECTRICAL DATA

Overall efficiency [lm/W]	108
Lamp power per meter [W]	14.0
Lamp voltage [V]	24
Imput 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]	2700 - 5000
Energy efficiency class provided exchangeable built-in lamp	A +

CONNECTION

Number of poles	3
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	4250716914351
Article no.	100505

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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