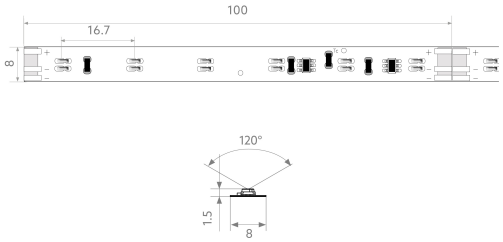
BLTW ONE

BLONE1300024DC14000827850W05

Article no.: 100505

BETTER LIGHT



24 V	2000 mm	>80	1300 lm
Lamp voltage	Max. length	Colour rendering index CRI	Luminous flux per meter

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 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 8.3 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

© BILTON LEDON Technology | www.better-light.at
Gewerbepark Harham 2, 5760 Saalfelden | Austria | Phone: +43 6582 71164 | Mail: office@bltechnology.at
Version: 20260513 | Errors and printing errors are reserved.

BLTW ONE

BLONE1300024DC14000827850W05
Article no.: 100505

BETTER LIGHT

MECHANICAL DATA

Width [mm]	8.0
Length [mm]	5000.0
Height/depth [mm]	1.5
Height [mm]	1.5
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]	100.0
Lowest bending radius [mm]	20
With connection set	nein
With end piece	nein
Number of lamps per meter	120

ELECTRICAL DATA

Protection class	ohne
Voltage type	DC
Lamp voltage [V]	24
Imput voltage range [V]	23 - 25
Lamp power per meter [W]	14.0
Overall efficiency [lm/W]	108

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>80
Colour temperature [K]	2700 - 5000
Luminous flux per meter [lm]	1300
Energy efficiency class provided exchangeable built-in lamp	A +
Colour consistency (McAdam ellipse)	SDCM3

CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	3
Max. length [mm]	2000

TEMPERATURE TECHNICAL DATA

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

© BILTON LEDON Technology | www.better-light.at
Gewerbepark Harham 2, 5760 Saalfelden | Austria | Phone: +43 6582 71164 | Mail: office@bltechnology.at
Version: 20260513 | Errors and printing errors are reserved.

BLTW ONE

BLONE1300024DC14000827850W05
Article no.: 100505

BETTER LIGHT

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

PACKAGING INFORMATION

EAN	4250716914351
Article no.	100505
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]	1.5
Net length [mm]	5000
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.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

© BILTON LEDON Technology | www.better-light.at
Gewerbepark Harham 2, 5760 Saalfelden | Austria | Phone: +43 6582 71164 | Mail: office@bltechnology.at
Version: 20260513 | Errors and printing errors are reserved.