



Lamp voltage



Luminous flux



Max. module length



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 in conjunction with Plug-&-Play connection system. Dimmable using BILTON LED dimmer. Suitable for ambient temperatures from -20...+45 °C at a service life of 60000 h / L80B10 . The BLTW ONE LED-strip has a luminous flux of 1300 lm/m 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 2.0 m 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 Ra and a Binning selection based on 3 SDCM (MacAdams). The light strip can be separated every 100.0 mm, resulting in a LED distance of 16.7 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



BLONE1300024DC14000827850W05

Article no.: 100505

MECHANICAL DATA

Width [mm]	8.0
Height [mm]	1.5
Length [mm]	5000.0
Degree of protection (IP)	IP00
LED pitch [mm]	16.7
Length of particular segments [mm]	100.0
Net weight [g]	49
Surface color	weiß/white

ELECTRICAL DATA

Efficiency [lm/W]	108
Lamp power per meter [W]	14.0
Lamp voltage [V]	24
Voltage range	23-25 VDC

LIGHT TECHNICAL DATA

Luminous flux [lm/m]	1300
Beam angle [°]	120
Binning tolerance	3 SDCM
CRI [Ra]	>80
Colour temperature [K]	2700-5000
Drop in luminous flux	L80B10
EEC	A+

CONNECTION

Connection number	3
Cable cross-section [mm ²]	0,5
Max. module length [m]	2.0

TEMPERATURE TECHNICAL DATA

Lifetime [h]	60000
Ambient temperature [°C]	-20...+45
Storage temperature [°C]	-5...+55
Operating temperature [°C]	-5...+60

PACKAGING INFORMATION

EAN	4250716914351
Article no.	100505
Customs tariff number	94054099

BLONE1300024DC14000827850W05

Article no.: 100505

Length [mm]	5000.0
Gross weight [g]	175
Gross height [mm]	18.0
Gross width [mm]	200.0
Gross length [mm]	200.0
State of origin	Austria

* 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 -/+ 10% (or -/+ 15 %at ECO / TWO / RGB / AIR). Module length at 24 V input voltage at the module and luminous flux drop 10% over the specified length.

NECESSARY ACCESSORIES

Article

Article no.

DALI SXT**101647**

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