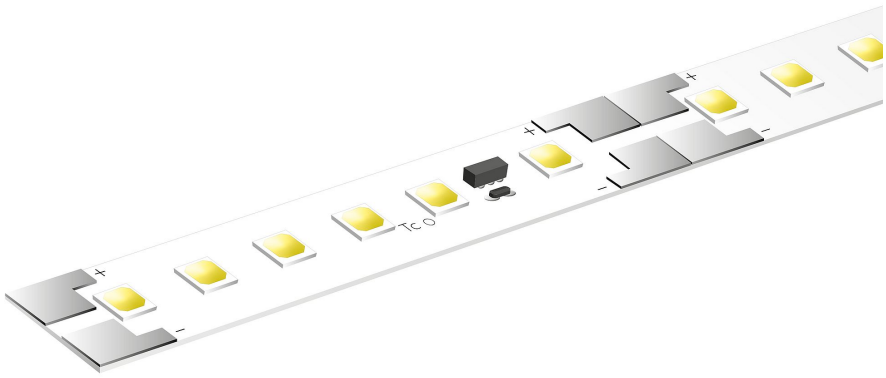
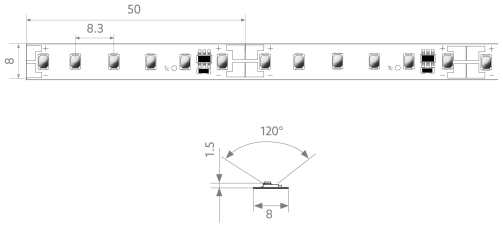
BLONE 2000 >80

BLONE2000024DC17400822000W20

Article no.: 100562





24 V	1720 lm	5500.0 mm	>80
Lamp voltage	Luminous flux per meter	Max. length	Colour rendering index CRI

TENDER TEXT

BILTONONE 2000 LED strip 24V DC 17,4W/m IP00 CRI>80 2200K WHITE 20m LED module BLONE 2000 >80 Article 100562 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 BLONE 2000 >80 LED-strip has a luminous flux of 1720 lm at 17.4 W, resulting in an efficiency of 98 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 5500.0 mm can be achieved. In terms of lighting, the module has a colour temperature of 2200 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 50.0 mm, resulting in a LED distance of 8.30 mm. Degree of protection IP00 Dimension (L x W x H): 20000.0 mm x 8.0 mm x 1.5 mm

TOP-FEATURES

//__ Wide range of applications for linear lighting in white

//__ Highly flexible LED light strip for general lighting tasks

//__ With a maximummodule length of up to 5500.0 mm long, linear lighting lines can be implemented

24 V | >80 | IP00 | 2200 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]	20000.0
Degree of protection (IP)	IP00
Colour	White
Net weight [g]	199
Distance [mm]	8.30
Length of particular segments [mm]	50.0

ELECTRICAL DATA

Overall efficiency [lm/W]	98
Lamp power per meter [W]	17.4
Lamp voltage [V]	24
Imput voltage range [V]	23 - 25
Voltage type	DC
Protection class	None

LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	1720
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>80
Colour temperature [K]	2200
Energy efficiency class provided exchangeable built-in lamp	A +

CONNECTION

Number of poles	2
Conductor cross section [mm²]	0.50
Max. length [mm]	5500.0

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

Article no.	100562
Customs tariff number	94054099

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Length [mm]	20000.0
Gross weight [g]	319.0
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 %.

NECESSARY ACCESSORIES

Article	Article no.
Feeder 2-pole 500mm	170152
Feeder 2-pole 2000mm	170153
BILTON DRIVE 100W	170806
BILTON DRIVE 60W	170807

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

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