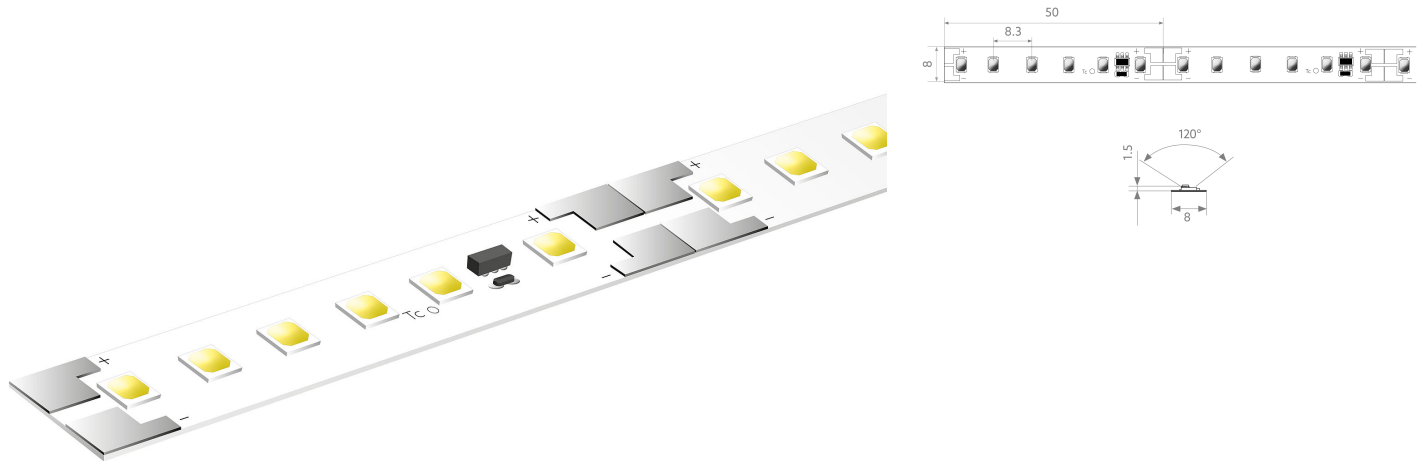


BLONE 2000 >90

BLONE2000024DC219X6927000W05

Article no.: 100886



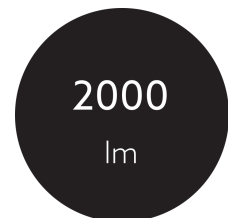
Lamp voltage



Max. length



Colour rendering index CRI



Luminous flux per meter

TENDER TEXT

BILTONONE 2000 LED strip 24V DC 21,9W/m IPX6 CRI>90 2700K WHITE 5m LED module BLONE 2000 >90 Article 100886 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 >90 LED-strip has a luminous flux of 2000 lm at 21.9 W, resulting in an efficiency of 91 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 4500 mm can be achieved. In terms of lighting, the module has a colour temperature of 2700 K and a beam angle of 120°. All this with a colour rendering index of >90 and a Binning selection based on SDCM3 (MacAdams). The light strip can be separated every 50.0 mm, resulting in a LED distance of 8.3 mm. Degree of protection IPX6 Dimension (L x W x H): 5000.0 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 maximum module length of up to long, linear lighting lines can be implemented



BLONE 2000 >90

BLONE2000024DC219X6927000W05

Article no.: 100886



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)	IPX6
Length of particular segments [mm]	50.0
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]	24
Input voltage range [V]	23 - 25
Lamp power per meter [W]	21.9
Overall efficiency [lm/W]	91

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	2700
Luminous flux per meter [lm]	2000
Energy efficiency class provided exchangeable built-in lamp	A +
Colour consistency (McAdam ellipse)	SDCM3

CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	2
Max. length [mm]	4500

TEMPERATURE TECHNICAL DATA

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

BLONE 2000 >90

BLONE2000024DC219X6927000W05

Article no.: 100886



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

PACKAGING INFORMATION

Article no.	100886
Net weight [g]	50.4
Gross weight [g]	179.2
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 %.

NECESSARY ACCESSORIES

Article	Article no.
Feeder 2-pole 500mm	170152
Feeder 2-pole 2000mm	170153

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