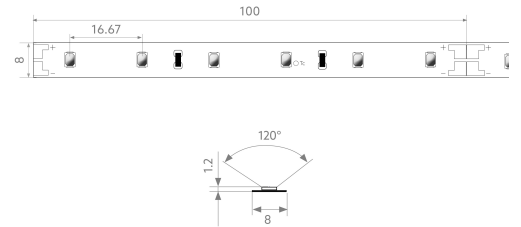


# BLECO 500

BLECO0500024DC04020830000W05

Article no.: 170816



Lamp voltage



Max. length



Colour rendering index CRI



Luminous flux per meter

## TENDER TEXT

BL ECO 500 LED strip 24VDC 4W/m IP20 CRI>80 3000K WHITE 5m LED module BLECO 500 Article 170816 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 BLECO 500 LED-strip has a luminous flux of 450 lm at 4.0 W, resulting in an efficiency of 112 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 10000 mm can be achieved. In terms of lighting, the module has a colour temperature of 3000 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 16.67 mm. Degree of protection IP20 Dimension (L x W x H): 5000.0 mm x 8.0 mm x 1.2 mm

## TOP-FEATURES

- //\_ Price sensitive due to the reduction of LED chips
- //\_ Guaranteed LED properties with guaranteed patent protection from BILTON
- //\_ Guaranteed LED properties
- //\_ Long lifetime up to 60000 h



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## MECHANICAL DATA

Width [mm]	8.0
Length [mm]	5000.0
Height/depth [mm]	1.2
Height [mm]	1.2
Colour	White
Model	Band
Self-adhesive	Yes
Lamp type	LED nicht austauschbar
Distance [mm]	16.67
Distance relating to	LED zu LED
Degree of protection (IP)	IP20
Length of particular segments [mm]	100.0
Lowest bending radius [mm]	20
With connection set	Yes
With end piece	nein
Number of lamps per meter	60

## ELECTRICAL DATA

Protection class	ohne
Voltage type	DC
Lamp voltage [V]	24
Lamp power per meter [W]	4.0
Overall efficiency [lm/W]	112

## LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>80
Colour temperature [K]	3000
Colour of light	White
Luminous flux per meter [lm]	450
Energy efficiency class provided exchangeable built-in lamp	F
Colour consistency (McAdam ellipse)	SDCM3

## CONNECTION

Conductor cross section [mm <sup>2</sup> ]	0.5
Number of poles	2
Max. length [mm]	10000

## TEMPERATURE TECHNICAL DATA

Ambient/storage temperature [°C]	- 5 ... + 55
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Operation temperature at Tc [°C]	- 5 ... + 60
Ambient temperature during operating [°C]	- 20 ... + 45
Rated life time L80/B10 at 25 °C [h]	60000

## PACKAGING INFORMATION

EAN	4250716929980
Article no.	170816
Net weight [g]	9.8
Gross weight [g]	35
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]	1.2
Net length [mm]	5000
State of origin	CN

\* 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 -/+ 15%. Module length at 24 V input voltage at the module and luminous flux drop 10% over the specified length

## NECESSARY ACCESSORIES

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

SAFETY INFORMATION: Read the safety and installation instructions carefully and completely before commissioning. The operating instructions can be found at: [www.better-light.at](http://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](http://www.better-light.at)