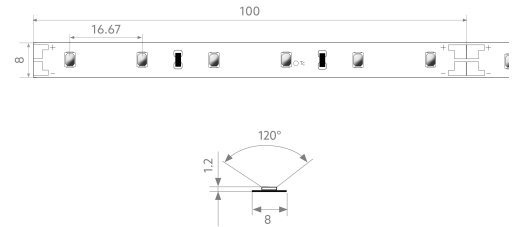


# BLECO 500

BLECO0500024DC04200840000W05

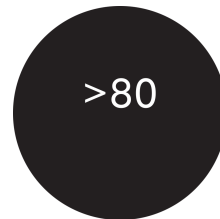
Article no.: 170817



Lamp voltage



Max. length



Colour rendering index CRI



Luminous flux per meter

## TENDER TEXT

BILTONECO 500 LED strip 24VDC 4,2W/m IP20 CRI>80 4000K WHITE 5m LED module BLECO 500 Article 170817 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 500 lm at 4.2 W, resulting in an efficiency of 119 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 4000 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 ###Attribute.7377



# BLECO 500

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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
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
Input voltage range [V]	23 - 25
Lamp power per meter [W]	4.2
Overall efficiency [lm/W]	119

## LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>80
Colour temperature [K]	4000
Luminous flux per meter [lm]	500
Energy efficiency class provided exchangeable built-in lamp	E
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
Operation temperature at Tc [°C]	- 5 ... + 60

# BLECO 500

**BLECO0500024DC04200840000W05**

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

## PACKAGING INFORMATION

Article no.	170817
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)