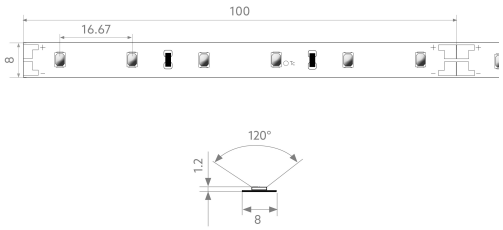
BLECO 500

BLECO0500024DC04020840000W20

Article no.: 170842





24 V	500 lm	10000.0 mm	>80
Lamp voltage	Luminous flux per meter	Max. length	Colour rendering index CRI

TENDER TEXT

BL ECO 500 LED strip 24VDC 4W/m IP20 CRI>80 4000K WHITE 20m LED module BLECO 500 Article 170842 Linear LED light strip on a flexible circuit board. Installation using self-adhesive heat-conducting adhesive tape. Dimmable using BILTON LEDON Technology 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 4.0 W, resulting in an efficiency of 125 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 10000.0 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): 20000.0 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 LEDON Technology

//__ Guaranteed LED properties

//__ Long lifetime up to 60000 h

24 V | >80 | IP20 | 4000 K | RoHS COMPLIANT 2002/95/EC | CE

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BILTON
FOCUSED ON LINEAR LIGHT

MECHANICAL DATA

Net width [mm]	8.0
Net height [mm]	1.2
Net length [mm]	20000.0
Degree of protection (IP)	IP20
Colour	White
Net weight [g]	9.95
Distance [mm]	16.67
Distance relating to	LED to LED
Length of particular segments [mm]	100.0

ELECTRICAL DATA

Overall efficiency [lm/W]	125
Lamp power per meter [W]	4.0
Lamp voltage [V]	24
Voltage type	DC
Protection class	None

LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	500
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>80
Colour temperature [K]	4000
Energy efficiency class provided exchangeable built-in lamp	E

CONNECTION

Number of poles	2
Conductor cross section [mm²]	0.50
Max. length [mm]	10000.0

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

EAN	4250716930245
Article no.	170842

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BLECO 500

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Article no.: 170842

Customs tariff number	94054239
Length [mm]	20000.0
Gross weight [g]	15.9
Gross height [mm]	18.0
Gross width [mm]	200.0
Gross length [mm]	200.0
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.
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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