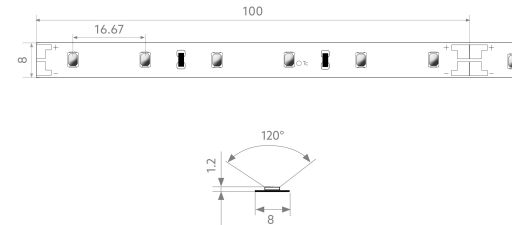


# BLECO 1500

BLECO1500024DC12620827000W05

Article no.: 170823

**BILTON**  
FOCUSED  
ON  
LINEAR  
LIGHT



24  
V

Lamp voltage

1300  
lm

Luminous flux per meter

4500.0  
mm

Max. length

>80

Colour rendering index CRI

## TENDER TEXT

BL ECO 1500 LED strip 24VDC 12,6W/m IP20 CRI>80 2700K WHITE 5m LED module BLECO 1500 Article 170823 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 1500 LED-strip has a luminous flux of 1300 lm at 12.6 W, resulting in an efficiency of 103 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 4500.0 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 >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 LEDON Technology
- //\_\_ Guaranteed LED properties
- //\_\_ Long lifetime up to 60000 h



# BLECO 1500

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ON  
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## MECHANICAL DATA

Net width [mm]	8.0
Net height [mm]	1.2
Net length [mm]	5000.0
Degree of protection (IP)	IP20
Colour	White
Net weight [g]	9.8
Distance [mm]	16.67
Distance relating to	LED to LED
Length of particular segments [mm]	100.0

## ELECTRICAL DATA

Overall efficiency [lm/W]	103
Lamp power per meter [W]	12.6
Lamp voltage [V]	24
Voltage type	DC
Protection class	None

## LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	1300
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>80
Colour temperature [K]	2700
Energy efficiency class provided exchangeable built-in lamp	F

## CONNECTION

Number of poles	2
Conductor cross section [mm²]	0.50
Max. length [mm]	4500.0

## 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	4250716930054
Article no.	170823

# BLECO 1500



**BLECO1500024DC12620827000W05**  
Article no.: 170823

Customs tariff number	94054099
Length [mm]	5000.0
Gross weight [g]	35.0
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](http://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](http://www.biltongroup.com)