

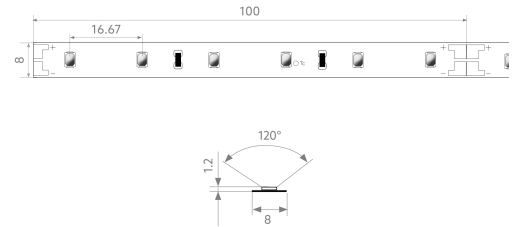
# BLECO 1000

BLECO1000024DC08120830000W05

Article no.: 170820

**BILTON**

FOCUSED  
ON  
LINEAR  
LIGHT



Lamp voltage



Luminous flux per meter



Max. length



Colour rendering index CRI

## TENDER TEXT

BL ECO 1000 LED strip 24VDC 8,1W/m IP20 CRI>80 3000K WHITE 5m LED module BLECO 1000 Article 170820 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 1000 LED-strip has a luminous flux of 890 lm at 8.1 W, resulting in an efficiency of 110 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 6000.0 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 LEDON Technology
- //\_\_ Guaranteed LED properties
- //\_\_ Long lifetime up to 60000 h



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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]	110
Lamp power per meter [W]	8.1
Lamp voltage [V]	24
Voltage type	DC
Protection class	None

## LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	890
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>80
Colour temperature [K]	3000
Energy efficiency class provided exchangeable built-in lamp	F

## CONNECTION

Number of poles	2
Conductor cross section [mm <sup>2</sup> ]	0.50
Max. length [mm]	6000.0

## 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	4250716930023
Article no.	170820

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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.
<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.biltongroup.com](http://www.biltongroup.com)

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