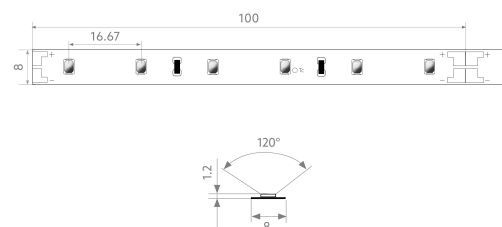


# BLECO 250

BLECO0250024DC02100850000W20

Article no.: 170839



24

V

Lamp voltage

12500

mm

Max. length

>80

Colour rendering index CRI

250

lm

Luminous flux per meter

## TENDER TEXT

BILTONECO 250 LED strip 24VDC 2,1W/m IP20 CRI>80 5000K WHITE 20m LED module BLECO 250 Article 170839 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 250 LED-strip has a luminous flux of 250 lm at 2.1 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 12500 mm can be achieved. In terms of lighting, the module has a colour temperature of 5000 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
- //\_\_ Guaranteed LED properties
- //\_\_ Long lifetime up to 60000 h



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## MECHANICAL DATA

Width [mm]	8.0
Length [mm]	20000.0
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]	2.1
Overall efficiency [lm/W]	119

## LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>80
Colour temperature [K]	5000
Luminous flux per meter [lm]	250
Colour consistency (McAdam ellipse)	SDCM3

## CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	2
Max. length [mm]	12500

## TEMPERATURE TECHNICAL DATA

Ambient/storage temperature [°C]	- 5 ... + 55
Operation temperature at Tc [°C]	- 5 ... + 60
Ambient temperature during operating [°C]	- 20 ... + 45

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Rated life time L80/B10 at 25 °C [h]	60000
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## PACKAGING INFORMATION

EAN	4250716930214
Article no.	170839
Net weight [g]	9.95
Gross weight [g]	15.95
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]	20000
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.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)