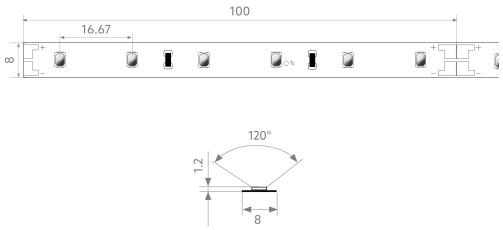
BLECO 250

BLECO0250024DC02020830000W20
Article no.: 170837

BETTER LIGHT





24 V	12500 mm	>80	230 lm
Lamp voltage	Max. length	Colour rendering index CRI	Luminous flux per meter

TENDER TEXT

BL ECO 250 LED strip 24VDC 2W/m IP20 CRI>80 3000K WHITE 20m LED module BLECO 250 Article 170837 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 230 lm at 2.0 W, resulting in an efficiency of 115 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 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): 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

24 V | >80 | IP20 | 3000 K | RoHS COMPLIANT 2002/95/EC | CE

© BILTON LEDON Technology | www.better-light.at
Gewerbepark Harham 2, 5760 Saalfelden | Austria | Phone: +43 6582 71164 | Mail: office@bltechnology.at
Version: 20261124 | Errors and printing errors are reserved.

BLECO 250

BLECO0250024DC02020830000W20
Article no.: 170837

BETTER LIGHT

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
Distance relating to	LED zu LED
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
Lamp power per meter [W]	2.0
Overall efficiency [lm/W]	115

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>80
Colour temperature [K]	3000
Colour of light	White
Luminous flux per meter [lm]	230
Energy efficiency class provided exchangeable built-in lamp	F
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

© BILTON LEDON Technology | www.better-light.at
Gewerbepark Harham 2, 5760 Saalfelden | Austria | Phone: +43 6582 71164 | Mail: office@bltechnology.at
Version: 20261124 | Errors and printing errors are reserved.

BLECO 250

BLECO0250024DC02020830000W20
Article no.: 170837

Operation temperature at Tc [°C]	- 5 ... + 60
Ambient temperature during operating [°C]	- 20 ... + 45
Rated life time L80/B10 at 25 °C [h]	60000

PACKAGING INFORMATION

EAN	4250716930191
Article no.	170837
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	94054239
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

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

© BILTON LEDON Technology | www.better-light.at
Gewerbepark Harham 2, 5760 Saalfelden | Austria | Phone: +43 6582 71164 | Mail: office@bltechnology.at
Version: 20261124 | Errors and printing errors are reserved.