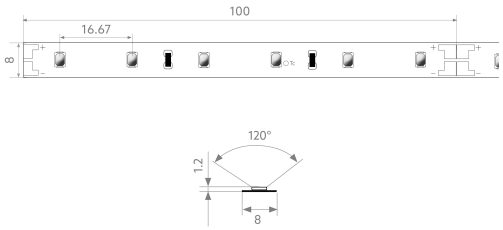
# BLECO 1000

**BLECO1000024DC08120840000W20**

Article no.: 170846






| 24 V | 1000 lm | 6000.0 mm | >80 |
|---|---|---|---|
| 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 4000K WHITE 20m LED module BLECO 1000 Article 170846 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 1000 lm at 8.1 W, resulting in an efficiency of 123 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 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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# BLECO 1000

**BLECO1000024DC08120840000W20**
Article no.: 170846

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] | 123 |
| 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] | 1000 |
| 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] | 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 | 4250716930283 |
| Article no. | 170846 |


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# BLECO 1000

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Article no.: 170846

| | |
|---|---|
| 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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