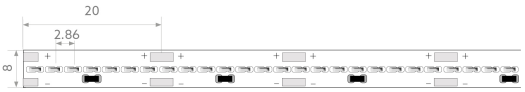
# BLHDS 900

**BLHDS0900024DC10020940000W05**

Article no.: 171009






**24 V** — Lamp voltage

**20.0 mm** — Length of particular segments

**350** — Number of lamps per meter

**900 lm** — Luminous flux per meter

## TENDER TEXT

BILTON High Density Standard 900 LED strip 24VDC 10W/m IP20 CRI>90 4000K WHITE 5m LED module BLHDS 900 Article 171009 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 BLHDS 900 LED-strip has a luminous flux of 900 lm at 10.0 W, resulting in an efficiency of 90 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 3500.0 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 >90 and a Binning selection based on SDCM3 (MacAdams). The light strip can be separated every 20.0 mm, resulting in a LED distance of 2.86 mm. Degree of protection IP20 Dimension (L x W x H): 5000.0 mm x 8.0 mm x 1.2 mm

## TOP-FEATURES

//__ Incredible homogeneity through ###attribute.6040### LEDs per meter

//__ Guaranteed LED properties with guaranteed patent protection

//__ The BLHDS 900 can be separated all 20.0 mm

24 V | >90 | IP20 | 4000 K | RoHS COMPLIANT 2002/95/EC | CE

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# BLHDS 900

**BLHDS0900024DC10020940000W05**
Article no.: 171009

BILTON
FOCUSED ON LINEAR LIGHT

## 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] | 49 |
| Distance [mm] | 2.86 |
| Distance relating to | LED to LED |
| Length of particular segments [mm] | 20.0 |

## ELECTRICAL DATA

| | |
|---|---|
| Overall efficiency [lm/W] | 90 |
| Lamp power per meter [W] | 10.0 |
| Lamp voltage [V] | 24 |
| Voltage type | DC |
| Protection class | None |

## LIGHT TECHNICAL DATA

| | |
|---|---|
| Luminous flux per meter [lm] | 900 |
| Beam angle [°] | 120 |
| Colour consistency (McAdam ellipse) | SDCM3 |
| Colour rendering index CRI | >90 |
| Colour temperature [K] | 4000 |
| Energy efficiency class provided exchangeable built-in lamp | G |

## CONNECTION

| | |
|---|---|
| Number of poles | 2 |
| Conductor cross section [mm²] | 0.50 |
| Max. length [mm] | 3500.0 |

## TEMPERATURE TECHNICAL DATA

| | |
|---|---|
| Rated life time L80/B50 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 | 4250716936322 |
| Article no. | 171009 |


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# BLHDS 900

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Article no.: 171009

| | |
|---|---|
| **Customs tariff number** | 94054099 |
| **Length [mm]** | 5000.0 |
| **Gross weight [g]** | 175.0 |
| **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

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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