

# BLHDU 900

BLHDU0900024DC10520930000W05

Article no.: 171012



24  
V

Lamp voltage

10.0  
mm

Length of particular  
segments

700

Number of lamps per  
meter

900  
lm

Luminous flux per meter

## TENDER TEXT

BILTON High Density Ultra 900 LED strip 24VDC 10,5W/m IP20 CRI>90 3000K WHITE 5m LED module BLHDU 900 Article 171012 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 BLHDU 900 LED-strip has a luminous flux of 900 lm at 10.5 W, resulting in an efficiency of 86 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 3000 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 10.0 mm, resulting in a LED distance of 2.86 mm. Degree of protection IP20 Dimension (L x W x H): 5000.0 mm x 10.0 mm x 1.2 mm

## TOP-FEATURES

- //\_\_ Incredible homogeneity through ###attribute.6040 ### LEDs per meter
- //\_\_ Guaranteed LED properties with guaranteed patent protection
- //\_\_ The BLHDU 900 can be separated all 10.0 mm
- //\_\_ Module width of mm### Attributes.8### for heat conduction and long cable lengths

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**BILTON**

FOCUSED  
ON  
LINEAR  
LIGHT

## MECHANICAL DATA

Net width [mm]	10.0
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]	10.0

## ELECTRICAL DATA

Overall efficiency [lm/W]	86
Lamp power per meter [W]	10.5
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]	3000
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	4250716936353
Article no.	171012

# BLHDU 900

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

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