BLHDU 900

BLHDU0900024DC10520940000W05

Article no.: 171013

BETTER LIGHT





24 V	10.0 mm	700	950 lm
Lamp voltage	Length of particular segments	Number of lamps per meter	Luminous flux per meter

TENDER TEXT

BILTON High Density Ultra 900 LED strip 24VDC 10,5W/m IP20 CRI>90 4000K WHITE 5m LED module BLHDU 900 Article 171013 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 950 lm at 10.5 W, resulting in an efficiency of 91 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 3500 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 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

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

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MECHANICAL DATA

Width [mm]	10.0
Length [mm]	5000.0
Height/depth [mm]	1.2
Height [mm]	1.2
Colour	White
Model	Band
Self-adhesive	Yes
Lamp type	LED nicht austauschbar
Distance [mm]	2.86
Distance relating to	LED zu LED
Degree of protection (IP)	IP20
Length of particular segments [mm]	10.0
Lowest bending radius [mm]	20
With connection set	Yes
With end piece	nein
Number of lamps per meter	700

ELECTRICAL DATA

Protection class	ohne
Voltage type	DC
Lamp voltage [V]	24
Lamp power per meter [W]	10.5
Overall efficiency [lm/W]	91

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	4000
Colour of light	White
Luminous flux per meter [lm]	950
Energy efficiency class provided exchangeable built-in lamp	G
Colour consistency (McAdam ellipse)	SDCM3

CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	2
Max. length [mm]	3500

TEMPERATURE TECHNICAL DATA

Ambient/storage temperature [°C]	- 5 ... + 55

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Operation temperature at Tc [°C]	- 5 ... + 60
Ambient temperature during operating [°C]	- 20 ... + 45
Rated life time L80/B50 at 25 °C [h]	60000

PACKAGING INFORMATION

EAN	4250716936360
Article no.	171013
Net weight [g]	49
Gross weight [g]	175
Gross width [mm]	200.0
Gross height [mm]	18.0
Gross length [mm]	200.0
Customs tariff number	94054099
Net width [mm]	10.0
Net height [mm]	1.2
Net length [mm]	5000
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.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

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