BLHDU 1300

BLHDU1300024DC14520930000W05

Article no.: 171016

BILTON
FOCUSED ON LINEAR LIGHT





24 V — Lamp voltage

10.0 mm — Length of particular segments

700 — Number of lamps per meter

1220 lm — Luminous flux per meter

TENDER TEXT

BILTON High Density Ultra 1300 LED strip 24VDC 14,5W/m IP20 CRI>90 3000K WHITE 5m LED module BLHDU 1300 Article 171016 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 1300 LED-strip has a luminous flux of 1220 lm at 14.5 W, resulting in an efficiency of 84 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 3000.0 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 1300 can be separated all 10.0 mm

//__ Module width of mm### Attributes.8### for heat conduction and long cable lengths

24 V | >90 | IP20 | 3000 K | RoHS COMPLIANT 2002/95/EC | CE

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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]	84
Lamp power per meter [W]	14.5
Lamp voltage [V]	24
Voltage type	DC
Protection class	None

LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	1220
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]	3000.0

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	4250716936391
Article no.	171016

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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

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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