# **BLHDU 1300**

#### BLHDU1300024DC14520940000W05

Article no.: 171017









Lamp voltage



Length of particular segments



Number of lamps per meter



Luminous flux per meter

#### **TENDER TEXT**

BILTON High Density Ultra 1300 LED strip 24VDC 14,5W/m IP20 CRI>90 4000K WHITE 5m LED module BLHDU 1300 Article 171017 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 1300 lm at 14.5 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 3000 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 1300 can be separated all 10.0 mm

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















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### MECHANICAL DATA

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]	14.5
Overall efficiency [lm/W]	90

## LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	4000
Colour of light	White
Luminous flux per meter [lm]	1300
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]	3000

## TEMPERATURE TECHNICAL DATA

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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	4250716936407
Article no.	171017
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

<sup>\*</sup> 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

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