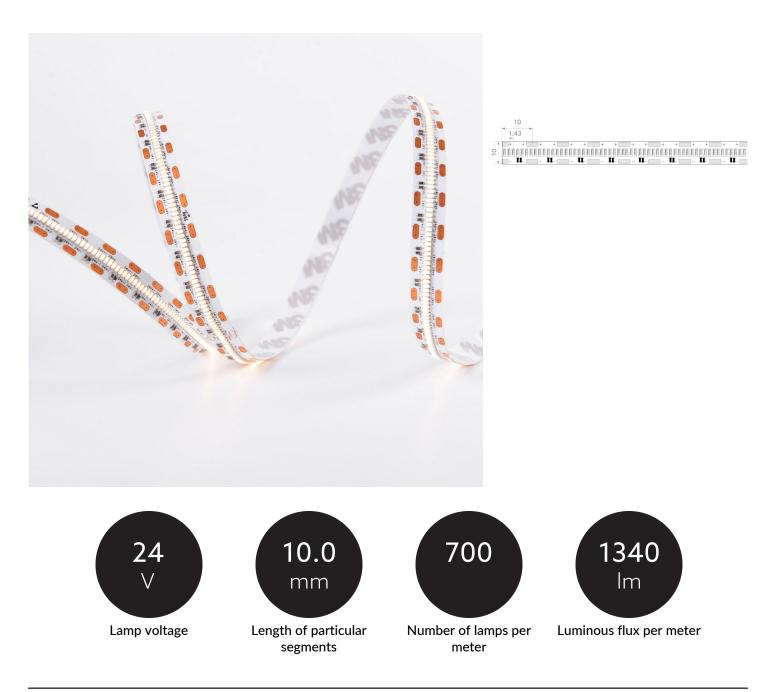
BLHDU 1300

BLHDU1300024DC14520965000W05

Article no.: 171018



TENDER TEXT

BILTON High Density Ultra 1300 LED strip 24VDC 14,5W/m IP20 CRI>90 6500K WHITE 5m LED module BLHDU 1300 Article 171018 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 1340 Im at 14.5 W, resulting in an efficiency of 92 Im/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 6500 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

| 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] | 92 |
|---------------------------|------|
| Lamp power per meter [W] | 14.5 |
| Lamp voltage [V] | 24 |
| Voltage type | DC |
| Protection class | None |

LIGHT TECHNICAL DATA

| Luminous flux per meter [Im] | 1340 |
|---|-------|
| Beam angle [°] | 120 |
| Colour consistency (McAdam ellipse) | SDCM3 |
| Colour rendering index CRI | >90 |
| Colour temperature [K] | 6500 |
| Energy efficiency class provided exchangeable built-in lamp | F |

CONNECTION

| Number of poles | 2 |
|--|--------|
| Conductor cross section [mm ²] | 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 | 4250716936414 |
|-------------|---------------|
| Article no. | 171018 |

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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

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