

BLHDS 600

BLHDS0600024DC06520965000W05

Article no.: 171006



24
V

Lamp voltage

20.0
mm

Length of particular
segments

350

Number of lamps per
meter

610
lm

Luminous flux per meter

TENDER TEXT

BILTON High Density Standard 600 LED strip 24VDC 6,5W/m IP20 CRI>90 6500K WHITE 5m LED module BLHDS 600 Article 171006 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 BLHDS 600 LED-strip has a luminous flux of 610 lm at 6.5 W, resulting in an efficiency of 94 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 4000.0 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 20.0 mm, resulting in a LED distance of 2.86 mm. Degree of protection IP20 Dimension (L x W x H): 5000.0 mm x 8.0 mm x 1.2 mm

TOP-FEATURES

- //__ Incredible homogeneity through ###attribute.6040### LEDs per meter
- //__ Guaranteed LED properties with guaranteed patent protection
- //__ The BLHDS 600 can be separated all 20.0 mm

24 V

>90

IP20

6500 K

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BILTON

FOCUSED
ON
LINEAR
LIGHT

MECHANICAL DATA

| | |
|------------------------------------|------------|
| Net width [mm] | 8.0 |
| 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] | 20.0 |

ELECTRICAL DATA

| | |
|---------------------------|------|
| Overall efficiency [lm/W] | 94 |
| Lamp power per meter [W] | 6.5 |
| Lamp voltage [V] | 24 |
| Voltage type | DC |
| Protection class | None |

LIGHT TECHNICAL DATA

| | |
|---|-------|
| Luminous flux per meter [lm] | 610 |
| 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 [mm²] | 0.50 |
| Max. length [mm] | 4000.0 |

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 | 4250716936292 |
| Article no. | 171006 |

BLHDS 600



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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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