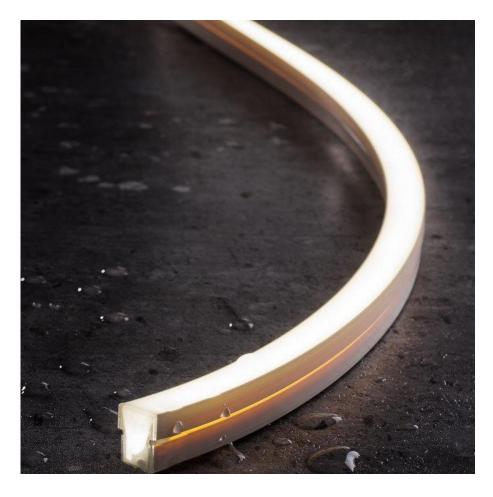


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Lamp voltage



Luminous flux per meter



Max. length



Colour rendering index CRI

TENDER TEXT

BL AIR SIDE 600 LED strip 24VDC 13,8W/m IP67 CRI>80 3000K WHITE 1m LED module BL AIR SIDE 600 Article 102142 Linear LED light strip on a flexible circuit board. Installation using appropriate mounting accessories in conjunction with Plug-&-Play connection system. Dimmable using BILTON LEDON Technology LED dimmer. Suitable for ambient temperatures from -20 ... +55 °C at a service life of 50000 h . At an ambient temperature of 85°C, a lifetime of 50,000 hours can still be guaranteed. Up to 95°C the lifetime is 30,000 hours and at temperatures of 100°C still 16,000 hours (> L70B50). The BL AIR SIDE 600 LED-strip has a luminous flux of 600 lm at 13.8 W, resulting in an efficiency of 43 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 5010.0 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 >80 and a Binning selection based on SDCM3 (MacAdams). The light strip can be separated every 50.0 mm, resulting in a LED distance of 7.14 mm. Degree of protection IP67 Smallest possible bending radius 200 mm Dimension (L x W x H): 1010.0 mm x 13.2 mm x 16.0 mm

TOP-FEATURES

// Homogeneously luminous light line without visible light points

//__ IP67 -protection in highly flexible silicone jacket

//__

UL certified

//__ New connection: the end caps close straight to the profile

BILTON FOCUSED ON LINEAR

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24 V >80 IP67 3000 K



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MECHANICAL DATA

| Net width [mm] | 13.2 |
|------------------------------------|------------|
| Net height [mm] | 16.0 |
| Net length [mm] | 1010.0 |
| Degree of protection (IP) | IP67 |
| Colour | White |
| Distance [mm] | 7.14 |
| Distance relating to | LED to LED |
| Length of particular segments [mm] | 50.0 |

ELECTRICAL DATA

| Overall efficiency [lm/W] | 43 |
|---------------------------|---------|
| Lamp power per meter [W] | 13.8 |
| Lamp voltage [V] | 24 |
| Imput voltage range [V] | 23 - 25 |
| Voltage type | DC |
| Protection class | III |

LIGHT TECHNICAL DATA

| Luminous flux per meter [lm] | 600 |
|-------------------------------------|-------|
| Beam angle [°] | 120 |
| Colour consistency (McAdam ellipse) | SDCM3 |
| Colour rendering index CRI | >80 |
| Colour temperature [K] | 3000 |

CONNECTION

| Number of poles | 2 |
|-------------------------------|--------|
| Conductor cross section [mm²] | 0.50 |
| Max. length [mm] | 5010.0 |

TEMPERATURE TECHNICAL DATA

| Rated life time L80/B10 at 25 °C [h] | 50000 |
|---|-----------|
| Ambient temperature during operating [°C] | - 20 + 55 |
| Ambient/storage temperature [°C] | - 20 + 55 |

PACKAGING INFORMATION

| EAN | 4250716944778 |
|-----------------------|---------------|
| Article no. | 102142 |
| Customs tariff number | 94054039 |
| Length [mm] | 1010.0 |



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| Gross height [mm] | 27.0 |
|-------------------|-------|
| Gross width [mm] | 330.0 |
| Gross length [mm] | 330.0 |
| State of origin | AT |

^{*} 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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