Article no.: 100973


## TENDER TEXT

BILTONONE 3000 LED strip 24 V DC $35,0 \mathrm{~W} / \mathrm{m}$ IPX6 CRI>90 4000K WHITE 20m LED module BLONE 3000 >90 Article 100973 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 $-20 \ldots+45^{\circ} \mathrm{C}$ at a service life of 60000 h . The BLONE $3000>90$ LED-strip has a luminous flux of 3000 Im at 35.0 W , resulting in an efficiency of $86 \mathrm{~lm} / \mathrm{W}$. At a nominal voltage of 24 V DC on the connection, a maximum module length of 2500.0 mm can be achieved. In terms of lighting, the module has a colour temperature of 4000 K and a beam angle of $120^{\circ}$. All this with a colour rendering index of $>90$ and a Binning selection based on SDCM3 (MacAdams). The light strip can be separated every 50.0 mm , resulting in a LED distance of 8.30 mm . Degree of protection IPX6 Dimension $(L \times W \times H): 20000.0 \mathrm{~mm} \times 8.0 \mathrm{~mm} \times 1.5 \mathrm{~mm}$

## TOP-FEATURES

//__ Wide range of applications for linear lighting in white
//__ Highly flexible LED light strip for general lighting tasks
//__ With a maximum module length of up to long, linear lighting lines can be implemented

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## MECHANICAL DATA

| Net width [mm] | 8.0 |
| :--- | :--- |
| Net height $[\mathrm{mm}]$ | 1.5 |
| Net length $[\mathrm{mm}]$ | 20000.0 |
| Degree of protection (IP) | IPX6 |
| Colour | White |
| Net weight $[\mathrm{g}]$ | 204.8 |
| Distance $[\mathrm{mm}]$ | 8.30 |
| Length of particular segments [mm] | 50.0 |
|  |  |
| ELECTRICAL DATA |  |
| Overall efficiency [lm/W] | 86 |
| Lamp power per meter [W] | 35.0 |
| Lamp voltage [V] | 24 |
| Imput voltage range [V] | $23-25$ |
| Voltage type | DC |
| Protection class | None |

## LIGHT TECHNICAL DATA

Luminous flux per meter [Im] 3000

Beam angle [ ${ }^{\circ}$ ] 120
Colour consistency (McAdam ellipse) SDCM3
Colour rendering index CRI $>90$
Colour temperature [K] 4000
Energy efficiency class provided exchangeable built-in lamp A +

## CONNECTION

Number of poles 2
Conductor cross section $\left[\mathrm{mm}^{2}\right] \quad 0.50$
Max. length [mm] 2500.0

TEMPERATURE TECHNICAL DATA
Rated life time L80/B10 at $25^{\circ} \mathrm{C}[\mathrm{h}] \quad 60000$
Ambient temperature during operating $\left[{ }^{\circ} \mathrm{C}\right] \quad-20 \ldots+45$
Ambient/storage temperature $\left[{ }^{\circ} \mathrm{C}\right]$
-5 ... +55
Operation temperature at $\mathrm{Tc}\left[{ }^{\circ} \mathrm{C}\right]$
-5 ... + 60

PACKAGING INFORMATION
Article no.
Customs tariff number

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| Length $[\mathrm{mm}]$ | 20000.0 |
| :--- | :--- |
| Gross weight $[\mathrm{g}]$ | 328.6 |
| Gross height $[\mathrm{mm}]$ | 18.0 |
| Gross width $[\mathrm{mm}]$ | 200.0 |
| Gross length $[\mathrm{mm}]$ | 200.0 |
| State of origin | AT |

* Specifications of the electrical and photometric parameters: All values are valid in the thermally steady state at $25^{\circ} \mathrm{C}$ ambient temperature under the standardized measuring environment of BILTON. Nominal lumen values differ for different light colors, these values can be found in the respective data sheets. All values can have tolerances of +/- 15 \%.

NECESSARY ACCESSORIES

Article

Feeder 2-pole 500mm
BLPSI 240

Article no.

170152
170171

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

