Article no.: 102150




Luminous flux per meter


Max. length


Colour rendering index CRI

## TENDER TEXT

BILTONAIR TOP 700 LED strip 24VDC 9,9W/m IP67 CRI>80 2500-4800K WHITE 1m LED module BILTON AIR TOP TW Article 102150 Linear LED light strip on a flexible circuit board. Installation using appropriate mounting accessories in conjunction with Plug-\&-Play connection system. Dimmable using BILTON LED dimmer. Suitable for ambient temperatures from $-20 \ldots+55^{\circ} \mathrm{C}$ at a service life of 50000 h . The BILTON AIR TOP TW LED-strip has a luminous flux of 700 lm at 9.9 W , resulting in an efficiency of $82 \mathrm{~lm} / \mathrm{W}$. At a nominal voltage of 24 V DC on the connection, a maximum module length of 995.0 mm can be achieved. In terms of lighting, the module has a colour temperature of $2500-4800 \mathrm{~K}$ and a beam angle of $120^{\circ}$. 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 10.71 mm . Degree of protection IP67 Dimension ( $\mathrm{L} \times \mathrm{W} \times \mathrm{H}$ ): $995.0 \mathrm{~mm} \times 13.2 \mathrm{~mm} \times 12.0$ mm

## TOP-FEATURES

//__ Homogeneously illuminated light line with no visible light points
//__ IP67 protection in highly flexible silicone jacket
//__ Unlimited freedom of design (flexibly deformable and separable)

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## MECHANICAL DATA

| Net width [mm] | 13.2 |
| :--- | :--- |
| Net height [mm] | 12.0 |
| Net length [mm] | 995.0 |
| Degree of protection (IP) | IP67 |
| Colour | White |
| Distance [mm] | 10.71 |
| Distance relating to | LED to LED |
| Length of particular segments [mm] | 50.0 |

## ELECTRICAL DATA

Overall efficiency [Im/W] 82
Lamp power per meter [W] 9.9
Lamp voltage [V] 24
Imput voltage range [V] 23-25
Voltage type DC
Protection class III

LIGHT TECHNICAL DATA
Luminous flux per meter [lm] 700
Beam angle [] 120
Colour consistency (McAdam ellipse) SDCM3
Colour rendering index CRI $>80$
Colour temperature $[\mathrm{K}] \quad$ 2500-4800

## CONNECTION

| Number of poles | 2 |
| :--- | :--- |
| Conductor cross section $\left[\mathrm{mm}^{2}\right]$ | 0.50 |
| Max. length $[\mathrm{mm}]$ | 995.0 |
|  |  |
| TEMPERATURE TECHNICAL DATA |  |
| Rated life time L80/B10 at $25^{\circ} \mathrm{C}[\mathrm{h}]$ | 50000 |
| Ambient temperature during operating $\left[{ }^{\circ} \mathrm{C}\right]$ | $-20 \ldots+55$ |
| Ambient/storage temperature $\left[{ }^{\circ} \mathrm{C}\right]$ | $-20 \ldots+55$ |

PACKAGING INFORMATION

| EAN | 4250716944907 |
| :--- | :--- |
| Article no. | 102150 |
| Customs tariff number | 94054039 |
| Length $[\mathrm{mm}]$ | 995.0 |

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| Gross height $[\mathrm{mm}]$ | 27.0 |
| :--- | :--- |
| Gross width $[\mathrm{mm}]$ | 330.0 |
| Gross length $[\mathrm{mm}]$ | 330.0 |
| State of origin | AT |

## NECESSARY ACCESSORIES

Article

Profile AIR TOP
Alu profile AIRTOP
Mounting clip AIR TOP
Endcap set AIR TOP
Safety clip AIR MULTI
Safety clip AIR TOP

Article no.

170885
171031
170887
170889
170918
170919

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

