



24  
V

Lamp voltage

700  
lm

Luminous flux per meter

995.0  
mm

Max. length

>80

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 ... +55 °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 lm/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 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 10.71 mm. Degree of protection IP67 Dimension (L x W x H): 995.0 mm x 13.2 mm x 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)

24 V

>80

IP67

2500 -  
4800 K

## 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 [lm/W] | 82      |
| Lamp power per meter [W]  | 9.9     |
| Lamp voltage [V]          | 24      |
| Input 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 [K]              | 2500 - 4800 |

## CONNECTION

|                               |       |
|-------------------------------|-------|
| Number of poles               | 2     |
| Conductor cross section [mm²] | 0.50  |
| Max. length [mm]              | 995.0 |

## 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                   | 4250716944907 |
| Article no.           | 102150        |
| Customs tariff number | 94054039      |
| Length [mm]           | 995.0         |

# BILTON AIR TOP TW

**BLA23T0700024DC09967825848W01**

Article no.: 102150

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

## NECESSARY ACCESSORIES

| Article               | Article no. |
|-----------------------|-------------|
| Profile AIR TOP       | 170885      |
| Alu profile AIRTOP    | 171031      |
| Mounting clip AIR TOP | 170887      |
| Endcap set AIR TOP    | 170889      |
| Safety clip AIR MULTI | 170918      |
| Safety clip AIR TOP   | 170919      |

SAFETY INFORMATION: Read the safety and installation instructions carefully and completely before commissioning. The operating instructions can be found at: [www.biltongroup.com](http://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](http://www.biltongroup.com)