

# BILTON AIR SIDE TW

BL AIR Side LED tube 400lm/m 24VDC 9.9W/m IP67 823-842 5m Colour Cha.

Article no.: 102147



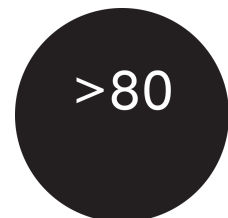
Lamp voltage



Luminous flux per meter



Max. length



Colour rendering index CRI

## TENDER TEXT

AIR SIDE LED light tube, LED strip in silicone sheath, 400 lm/m, curved bend to light emission surface, cable connection on one side, straight cable outlet, 24VDC 9.9W/m IP67 CRI>80 2300-4200K Colour Change White 5m LED module BILTON AIR SIDE TW Article 102147 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 SIDE TW LED-strip has a luminous flux of 400 lm at 9.9 W, resulting in an efficiency of 40 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 5045.0 mm can be achieved. In terms of lighting, the module has a colour temperature of 2300-4200 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): 5045.0 mm x 13.2 mm x 16.0 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]	16.0
Net length [mm]	5045.0
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]	40
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]	400
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>80
Colour temperature [K]	2300 - 4200

## CONNECTION

Number of poles	2
Conductor cross section [mm <sup>2</sup> ]	0.50
Max. length [mm]	5045.0

## 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	4250716944877
Article no.	102147
Customs tariff number	94054039
Length [mm]	5045.0

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

## NECESSARY ACCESSORIES

Article	Article no.
<b>Wall profile AIR SIDE</b>	<b>170886</b>
<b>Mounting clip AIR SIDE</b>	<b>170888</b>
<b>Endcap set AIR SIDE</b>	<b>170890</b>
<b>Safety clip AIR SIDE</b>	<b>170917</b>
<b>Safety clip AIR MULTI</b>	<b>170918</b>

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)

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