

# BL 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



Max. length



Colour rendering index CRI



Luminous flux per meter

## TENDER TEXT

AIR SIDE LED lighth 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 BL AIR SIDE TW Article 102147 The BL AIR SIDE TW LED light tube has a luminous flux of 400 at a power of 9.9 , which results in an efficiency of 40 . With a nominal voltage of 24 DC at the connection, a maximum module length of 5045 can be achieved. In terms of lighting, the module has a color temperature of 2300-4200 and a beam angle of 120 . All with a color rendering index of >80 and a binning selection according to SDCM3 (MacAdams). The light strip can be divided every 50 , resulting in an LED spacing of 10.71 . Protection class IP67 , Smallest possible bending radius 200 . At an ambient temperature of 85°C, a service life of 50,000 hours can still be guaranteed. Up to 95°C, the service life is 30,000 hours and at temperatures of 100°C it is still 16,000 hours (L70B50). Dimensions (L x W x H): 5045 x 13.2 mm x 16

## TOP-FEATURES

- //\_\_ Homogeneously luminous light line without visible light points
- //\_\_ IP67 -protection in highly flexible silicone jacket
- //\_\_ New connection: the end caps close straight to the profile



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## MECHANICAL DATA

Width [mm]	13.2
Length	5045
Height/depth	16
Height	16
Colour	White
Model	Schlauch
Self-adhesive	nein
Lamp type	LED nicht austauschbar
Distance	10.71
Distance relating to	LED zu LED
Degree of protection (IP)	IP67
Length of particular segments	50
Lowest bending radius	200
Number of lamps per meter	187

## ELECTRICAL DATA

Protection class	III
Voltage type	DC
Lamp voltage	24
Input voltage range	23 - 25
Lamp power per meter	9.9
Overall efficiency	40

## LIGHT TECHNICAL DATA

Beam angle	120
Colour rendering index CRI	>80
Colour temperature	2300 - 4200
Colour of light	White
Luminous flux per meter	400
Colour consistency (McAdam ellipse)	SDCM3

## CONNECTION

Conductor cross section	0.5
Number of poles	2
Max. length	5045

## TEMPERATURE TECHNICAL DATA

Ambient/storage temperature	- 20 ... + 55
Ambient temperature during operating	- 20 ... + 55

Rated life time L80/B10 at 25 °C

50000

# BL AIR SIDE TW



## PACKAGING INFORMATION

Article no.: 102147

State of origin

AT

Customs tariff number

94054039

Net weight [g]

609

Gross weight [g]

609

Gross width [mm]

330

Gross height [mm]

27

Gross length [mm]

330

Net width [mm]

13.2

Net height [mm]

16

Net length [mm]

5045

\* 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.better-light.at](http://www.better-light.at)

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.better-light.at](http://www.better-light.at)