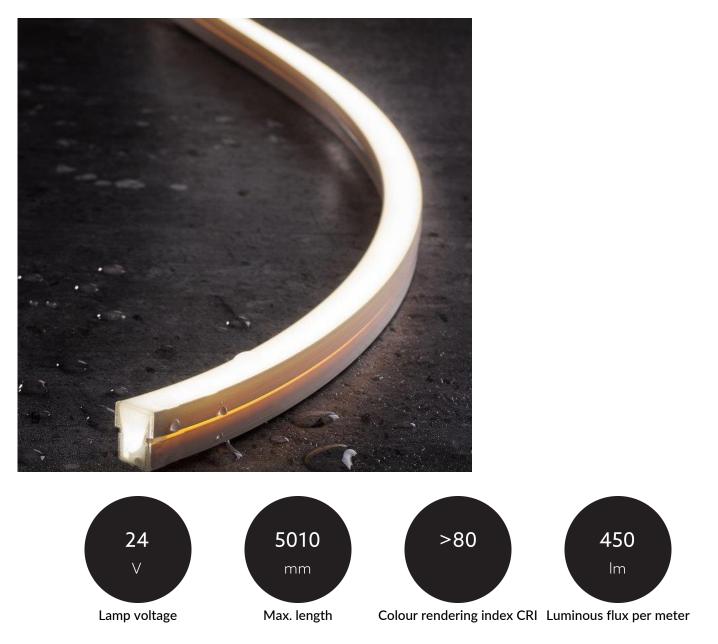
BL AIR Side LED ligth tube 450lm/m 24VDC 14.6W/m IP67 830 1m Article no.: 102139





TENDER TEXT

AIR SIDE LED light tube, LED strip in silicone sheath, 450 lm/m, curved bend to light emission surface, cable connection at one end, cable outlet at rear, 24VDC 14.6W/m IP67 CRI>80 3000K WHITE 1m LED module BL AIR SIDE 450 EOL Article 102139 Linear LED light strip on a flexible circuit board. Installation using appropriate mounting accessories in conjunction with Plug-&-Play connection system. Dimmable using BILTON LEDON Technology LED dimmer. Suitable for ambient temperatures from -20 ... +55 °C at a service life of 50000 h . At an ambient temperature of 85°C, a lifetime of 50,000 hours can still be guaranteed. Up to 95°C the lifetime is 30,000 hours and at temperatures of 100°C still 16,000 hours (> L70B50). The BL AIR SIDE 450 EOL LED-strip has a luminous flux of 450 Im at 14.6 W, resulting in an efficiency of 31 Im/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 5010 mm can be achieved. In terms of lighting, the module has a colour temperature of 3000 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 7.14 mm. Degree of protection IP67 , Bending radius 200 mm Dimension (L x W x H): 1010.0 mm x 13.2 mm x 16.0 mm

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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24 V >80 IP67 3000 K



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MECHANICAL DATA

Width [mm]	13.2
Length [mm]	1010.0
Height/depth [mm]	16
Height [mm]	16.0
Colour	White
Model	Schlauch
Self-adhesive	nein
Lamp type	LED nicht austauschbar
Distance [mm]	7.14
Distance relating to	LED zu LED
Degree of protection (IP)	IP67
Length of particular segments [mm]	50.0
Lowest bending radius [mm]	200
Number of lamps per meter	140

ELECTRICAL DATA

Protection class	III
Voltage type	DC
Lamp voltage [V]	24
Imput voltage range [V]	23 - 25
Lamp power per meter [W]	14.6
Overall efficiency [lm/W]	31

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>80
Colour temperature [K]	3000
Colour of light	White
Luminous flux per meter [Im]	450
Colour consistency (McAdam ellipse)	SDCM3

CONNECTION

Conductor cross section [mm ²]	0.5
Number of poles	2
Max. length [mm]	5010

TEMPERATURE TECHNICAL DATA

Ambient/storage temperature [°C]	- 20 + 55
Ambient temperature during operating [°C]	- 20 + 55
Rated life time L80/B10 at 25 °C [h]	50000

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PACKAGING INFORMATION

EAN	4250716944747
Article no.	102139
Net weight [g]	0.125
Gross weight [g]	0.125
Gross width [mm]	330.0
Gross height [mm]	27.0
Gross length [mm]	330.0
Customs tariff number	94054039
Net width [mm]	13.2
Net height [mm]	16
Net length [mm]	1010
State of origin	AT

* 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

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