BL AIR SIDE 450 EOL

BL AIR Side LED ligth tube 450lm/m 24VDC 14.6W/m IP67 840 1m
Article no.: 102140



24 V	5010 mm	>80	450 lm
Lamp voltage	Max. length	Colour rendering index CRI	Luminous flux per meter

TENDER TEXT

AIR SIDE LED ligth tube, LED strip in silicone sheath, 450 lm/m, curved bend to light emission surface, cable connection on one side, cable outlet at rear, 24VDC 14.6W/m IP67 CRI>80 4000K WHITE 1m LED module BL AIR SIDE 450 EOL Article 102140 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 lm at 14.6 W, resulting in an efficiency of 31 lm/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 4000 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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BETTER LIGHT

24 V | >80 | IP67 | 4000 K

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BETTER LIGHT

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]	4000
Colour of light	White
Luminous flux per meter [lm]	450
Colour consistency (McAdam ellipse)	SDCM3

CONNECTION

Conductor cross section [mm²]	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	4250716944754
Article no.	102140
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

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

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