BL AIR SIDE 450

BLA23S0450024DC14667827000W01

Article no.: 102138



24 V	450 lm	5010.0 mm	>80
Lamp voltage	Luminous flux per meter	Max. length	Colour rendering index CRI

TENDER TEXT

BL AIR SIDE 450 LED strip 24VDC 14,6W/m IP67 CRI>80 2700K WHITE 5m LED module BL AIR SIDE 450 Article 102138 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 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 5010.0 mm can be achieved. In terms of lighting, the module has a colour temperature of 2700 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 Smallest possible 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

//__

UL certified

//__ New connection: the end caps close straight to the profile

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BILTON
FOCUSED ON LINEAR LIGHT

MECHANICAL DATA

Net width [mm]	13.2
Net height [mm]	16.0
Net length [mm]	1010.0
Degree of protection (IP)	IP67
Colour	White
Distance [mm]	7.14
Distance relating to	LED to LED
Length of particular segments [mm]	50.0

ELECTRICAL DATA

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

LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	450
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>80
Colour temperature [K]	2700

CONNECTION

Number of poles	2
Conductor cross section [mm²]	0.50
Max. length [mm]	5010.0

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	4250716944730
Article no.	102138
Customs tariff number	94054039
Length [mm]	1010.0

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Gross height [mm]	27.0
Gross width [mm]	330.0
Gross length [mm]	330.0
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.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

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