

BL AIR TOP 450

BLA23T0450024DC07267830000W05

Article no.: 102109

BILTON
FOCUSED
ON
LINEAR
LIGHT



24
V

Lamp voltage

450
lm

Luminous flux per meter

5010.0
mm

Max. length

>80

Colour rendering index CRI

TENDER TEXT

BL AIR TOP 450 LED strip 24VDC 7,2W/m IP67 CRI>80 3000K WHITE 5m LED module BL AIR TOP 450 Article 102109 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 TOP 450 LED-strip has a luminous flux of 450 lm at 7.2 W, resulting in an efficiency of 63 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 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 Smallest possible bending radius 200 mm Dimension (L x W x H): 5010.0 mm x 13.2 mm x 12.0 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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MECHANICAL DATA

Net width [mm]	13.2
Net height [mm]	12.0
Net length [mm]	5010.0
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]	63
Lamp power per meter [W]	7.2
Lamp voltage [V]	24
Input 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]	3000

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

Article no.	102109
Customs tariff number	94054039
Length [mm]	5010.0
Gross height [mm]	27.0

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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

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