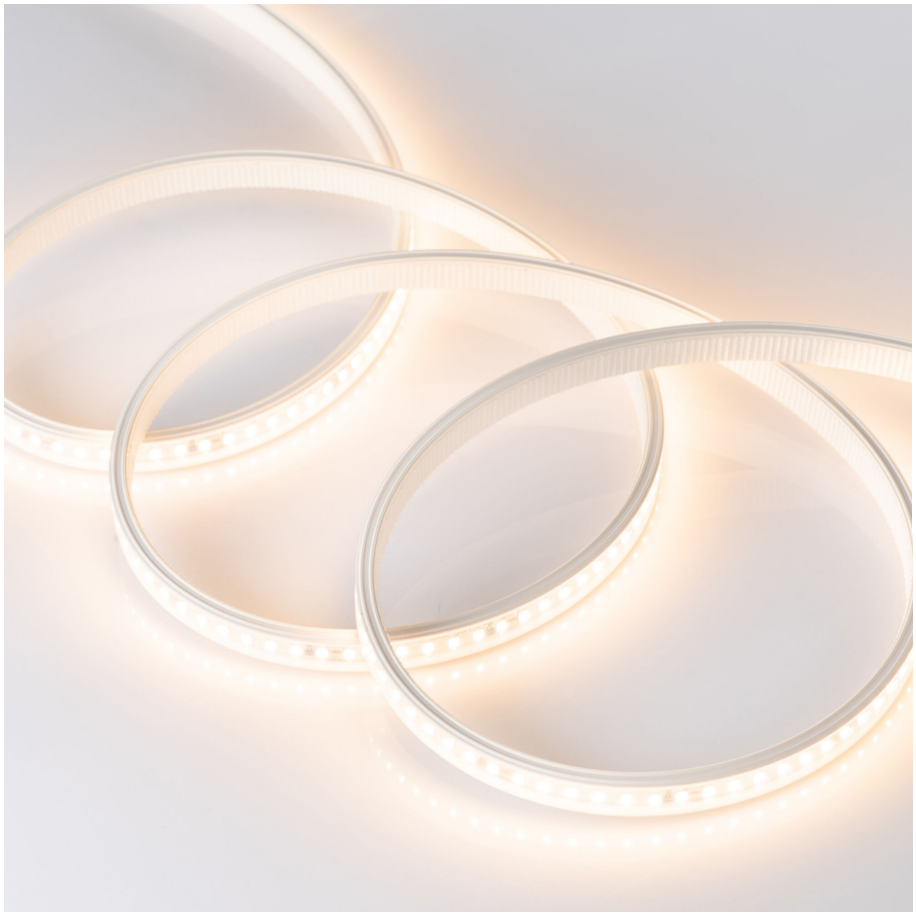
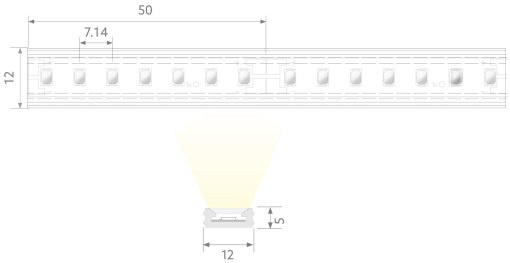
BLAIR SLIM 800 IP54

BL AIR Slim LED tube 800lm/m 24VDC 8.8W/m IP54 930 5m transparent
Article no.: 101869

BETTER LIGHT





5000 mm
Max. length

IP54
Degree of protection (IP)

800 lm
Luminous flux per meter

TENDER TEXT

AIR Slim LED ligth tube, LED strip in transparent silicone sheath, 800 lm/m, wave-shaped bend to light emission surface, cable connection on one side, cable outlet at bottom, 24VDC 8.8W/m IP54 CRI>90 3000K WHITE, W 12mm x H 5mm x L 5000mm LED module BLAIR SLIM 800 IP54 Article 101869 Linear LED light strip on a flexible circuit board. Installation via Self-adhesive tape on the backusing and appropriate mounting accessories in conjunction with Plug-&-Play connection system. Dimmable using BILTON LEDON Technology LED dimmer. Suitable for ambient temperatures from -20 ... +45 °C at a service life of 50000 h . The BLAIR SLIM 800 IP54 LED-strip has a luminous flux of 800 lm at 8.8 W, resulting in an efficiency of 91 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 5000 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 >90 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 IP54 Smallest possible bending radius 200 mm Dimension (L x W x H): 5020.0 mm x 12.0 mm x 5.0 mm

TOP-FEATURES

//__ IP54 protection in highly flexible silicone sheath

//__ Self-adhesive tape on the back for easy installation

//__ Extremely thin construction (width x height) 12.0 mm x 5.0 mm for subtle lines of light

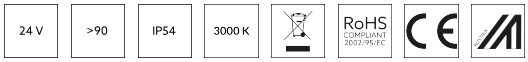
//__ With lateral clamping knobs ideal for groove mounting in milled areas

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BETTER LIGHT

MECHANICAL DATA

Width [mm]	12.0
Length [mm]	5020.0
Height/depth [mm]	5
Height [mm]	5.0
Colour	White
Model	Schlauch
Self-adhesive	Yes
Lamp type	LED nicht austauschbar
Distance [mm]	7.14
Distance relating to	LED zu LED
Degree of protection (IP)	IP54
Length of particular segments [mm]	50.0
Lowest bending radius [mm]	200
With connection set	Yes
With end piece	Yes
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]	8.8
Overall efficiency [lm/W]	91

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	3000
Colour of light	White
Luminous flux per meter [lm]	800
Colour consistency (McAdam ellipse)	SDCM3

CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	2
Max. length [mm]	5000

TEMPERATURE TECHNICAL DATA

Ambient/storage temperature [°C]	- 5 ... + 55

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Operation temperature at Tc [°C]	- 5 ... + 60
Ambient temperature during operating [°C]	- 20 ... + 45
Rated life time L80/B10 at 25 °C [h]	50000

PACKAGING INFORMATION

Article no.	101869
Net weight [g]	265
Gross weight [g]	385
Gross width [mm]	330.0
Gross height [mm]	27.0
Gross length [mm]	330.0
Customs tariff number	94054039
Net width [mm]	12.0
Net height [mm]	5
Net length [mm]	5020
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.

NECESSARY ACCESSORIES

Article	Article no.
Endcap set AIR SLIM	**171073**
Safety clip AIR SLIM	**171048**
BILTON CAP AIR SLIM Set incl. adhesive	**171073**
Safety clip AIR SLIM	**171048**

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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