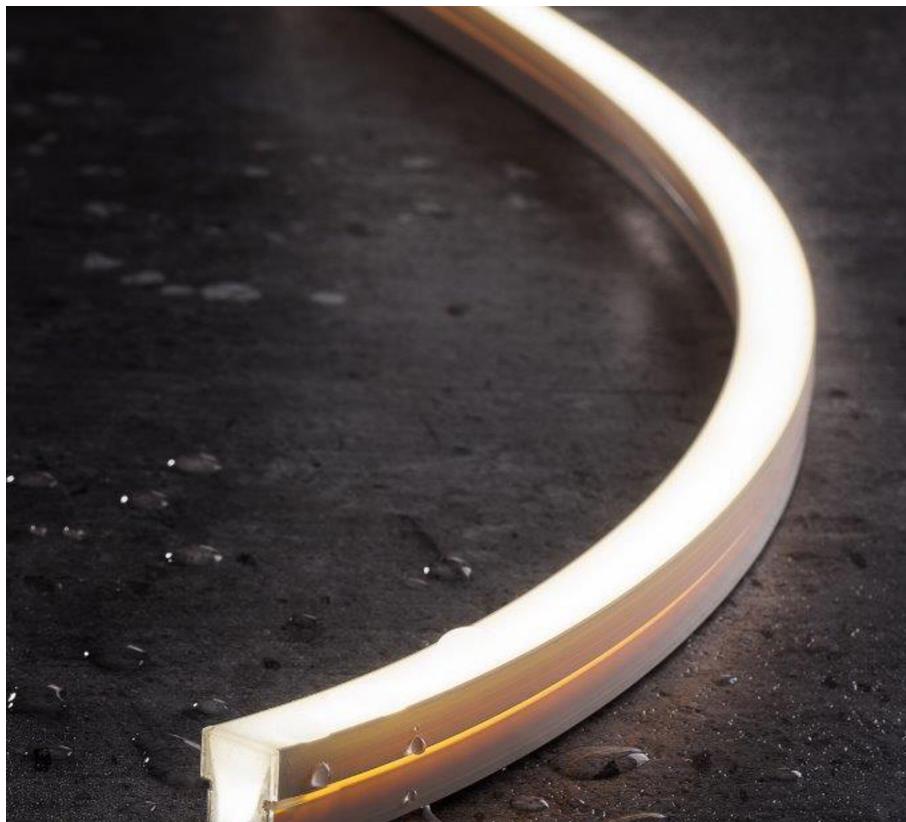


# BL AIR SIDE 450 EOL

**BL AIR Side LED ligh tube 450lm/m 24VDC 14.6W/m IP67 840 5m**

Article no.: 102122



24

Lamp voltage

5010

Max. length

>80

Colour rendering index CRI Luminous flux per meter

450

## TENDER TEXT

AIR SIDE LED ligh 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 5m LED module BL AIR SIDE 450 EOL Article 102122 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 at a service life of 50000 . 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 at 14.6 , resulting in an efficiency of 31 . At a nominal voltage of 24 DC on the connection, a maximum module length of 5010 can be achieved. In terms of lighting, the module has a colour temperature of 4000 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 , resulting in a LED distance of 7.14 . Degree of protection IP67 , Bending radius 200 Dimension (L x W x H): 5010 x 13.2 mm x 16

## 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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## MECHANICAL DATA

|                               |                        |
|-------------------------------|------------------------|
| Width [mm]                    | 13.2                   |
| Length                        | 5010                   |
| Height/depth                  | 16                     |
| Height                        | 16                     |
| Colour                        | White                  |
| Model                         | Schlauch               |
| Self-adhesive                 | nein                   |
| Lamp type                     | LED nicht austauschbar |
| Distance                      | 7.14                   |
| Distance relating to          | LED zu LED             |
| Degree of protection (IP)     | IP67                   |
| Length of particular segments | 50                     |
| Lowest bending radius         | 200                    |
| Number of lamps per meter     | 140                    |

## ELECTRICAL DATA

|                      |         |
|----------------------|---------|
| Protection class     | III     |
| Voltage type         | DC      |
| Lamp voltage         | 24      |
| Input voltage range  | 23 - 25 |
| Lamp power per meter | 14.6    |
| Overall efficiency   | 31      |

## LIGHT TECHNICAL DATA

|                                     |       |
|-------------------------------------|-------|
| Beam angle                          | 120   |
| Colour rendering index CRI          | >80   |
| Colour temperature                  | 4000  |
| Colour of light                     | White |
| Luminous flux per meter             | 450   |
| Colour consistency (McAdam ellipse) | SDCM3 |

## CONNECTION

|                         |      |
|-------------------------|------|
| Conductor cross section | 0.5  |
| Number of poles         | 2    |
| Max. length             | 5010 |

## TEMPERATURE TECHNICAL DATA

|                                      |               |
|--------------------------------------|---------------|
| Ambient/storage temperature          | - 20 ... + 55 |
| Ambient temperature during operating | - 20 ... + 55 |

## BLAIR Side LED light tube 450mm 24VDC 14.6W/m IP67 840 5m

Article no.: 102122

State of origin

AT

Customs tariff number

94054039

Net weight [g]

0.609

Gross weight [g]

0.609

Gross width [mm]

330

Gross height [mm]

27

Gross length [mm]

330

Net width [mm]

13.2

Net height [mm]

16

Net length [mm]

5010



\* 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](http://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](http://www.better-light.at)