

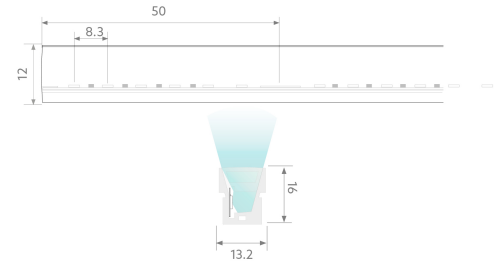
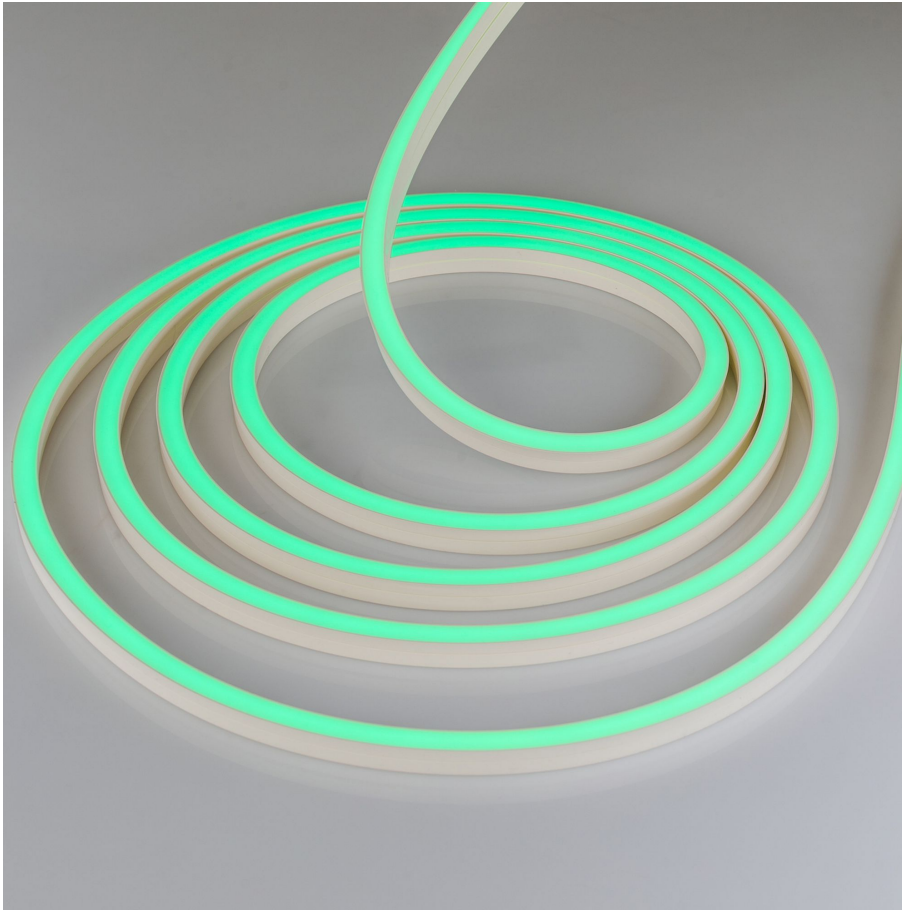
BLAIR SIDE RGB

BLA23S0170024DC14467RGB000C05

Article no.: 102145

BILTON

FOCUSED
ON
LINEAR
LIGHT



IP67

Degree of protection (IP)

50.0
mm

Length of particular
segments

RGB
K

Colour temperature

170
lm

Luminous flux per meter

TENDER TEXT

BL AIR SIDE 170 LED strip 24VDC 14,4W/m IP67 RGB COLOR 5m LED module BLAIR SIDE RGB Article 102145 Linear LED light strip on a flexible circuit board. Installation using appropriate mounting accessories in conjunction with Plug-&-Play connection system. Dimmable using BILTON LED dimmer. Suitable for ambient temperatures from -20 ... +55 °C at a service life of 50000 h . The BLAIR SIDE RGB LED-strip has a luminous flux of 170 lm at 14.4 W, resulting in an efficiency of 82 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 5020.0 mm can be achieved. In terms of lighting, the module has a colour temperature of RGB and a beam angle of 120°. All this with a colour rendering index of None and a Binning selection based on SDCM3 (MacAdams). The light strip can be separated every 50.0 mm, resulting in a LED distance of 8.30 mm. Degree of protection IP67 Dimension (L x W x H): 5020.0 mm x 13.2 mm x 16.0 mm

TOP-FEATURES

- //_ IP67 protection in highly flexible silicone jacket
- //_ Unlimited design flexibility in shape and color
- //_ Effective light scenarios with a strong colour spectrum
- //_ Curved bendable in the direction of the light-emitting surface

24V

RGB

IP67

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MECHANICAL DATA

| | |
|------------------------------------|------------|
| Net width [mm] | 13.2 |
| Net height [mm] | 16.0 |
| Net length [mm] | 5020.0 |
| Degree of protection (IP) | IP67 |
| Colour | White |
| Distance [mm] | 8.30 |
| Distance relating to | LED to LED |
| Length of particular segments [mm] | 50.0 |

ELECTRICAL DATA

| | |
|---------------------------|---------|
| Overall efficiency [lm/W] | 82 |
| Lamp power per meter [W] | 14.4 |
| Lamp voltage [V] | 24 |
| Input voltage range [V] | 23 - 25 |
| Voltage type | DC |
| Protection class | III |

LIGHT TECHNICAL DATA

| | |
|-------------------------------------|-------|
| Luminous flux per meter [lm] | 170 |
| Beam angle [°] | 120 |
| Colour consistency (McAdam ellipse) | SDCM3 |
| Colour rendering index CRI | None |
| Colour temperature [K] | RGB |

CONNECTION

| | |
|--|--------|
| Number of poles | 2 |
| Conductor cross section [mm ²] | 0.50 |
| Max. length [mm] | 5020.0 |

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 | 4250716944853 |
| Article no. | 102145 |
| Customs tariff number | 94054039 |
| Length [mm] | 5020.0 |

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| | |
|-------------------|-------|
| Gross weight [g] | 0.6 |
| 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.

NECESSARY ACCESSORIES

| Article | Article no. |
|-------------------------------|---------------|
| Wall profile AIR SIDE | 170886 |
| Mounting clip AIR SIDE | 170888 |
| Endcap set AIR SIDE | 170890 |
| Safety clip AIR SIDE | 170917 |
| Safety clip AIR MULTI | 170918 |

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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