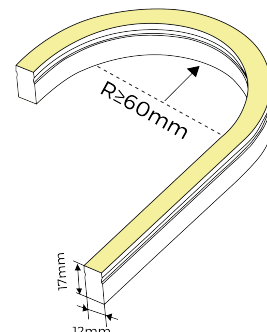


# BL AIR48 Aura Side RGBW

BL AIR48 Aura Side LED light tube 160lm/m 48VDC 6.3W/m IP67 RGB+827 20m

Article no.: 172325



48

V

Lamp voltage

20000

mm

Max. length

>80

Colour rendering index CRI

160

lm

Luminous flux per meter

## TENDER TEXT

LED light tube AIR48 Aura Side 160lm/m, silicone, 48 VDC, 6.3W/m, 25 lm/W, IP67 (without dark areas), RGB+2700K, one-sided cable 50 cm, cable exit bottom, 20 meters LED module BL AIR48 Aura Side RGBW Article 172325 The BL AIR48 Aura Side RGBW is a linear LED light strip in a highly flexible silicone sheath. The LED module can be bent in a curve shape in the direction of the light exit surface. It is resistant to salt solution, acid and alkali corrosion. It is flame-retardant and UV-resistant. Suitable for ambient temperatures of -40 ... +50 °C with a service life of 60000 h. The BL AIR48 Aura Side RGBW LED light strip has a luminous flux of 160 lm at an output of 6.3 W, which results in an efficiency of 25 lm/W. With a nominal voltage of 48 V DC at the connection, a maximum module length of 20000 mm can be achieved. In terms of lighting, the module has a color temperature of RGB+2700 K and a beam angle of 115°. All with a color rendering index of >80. The light strip can be divided every 167.0 mm, which results in an LED spacing of 2.98 mm. Protection class IP67, Smallest possible bending radius 60 mm Dimensions (L x W x H): 20000.0 mm x 12.0 mm x 17 mm

## TOP-FEATURES

//\_\_ Salt solution resistance, acid and alkali corrosion resistance, flame retardant resistance, UV resistance

//\_\_ No dark spots

//\_\_ Protection class IP67

//\_\_ Product application: Sign lighting, decorative outdoor/indoor lighting, architectural contour application

48 V

>80

IP67

RGB +  
2700 K

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## MECHANICAL DATA

|                                    |                        |
|------------------------------------|------------------------|
| Width [mm]                         | 12.0                   |
| Length [mm]                        | 20000.0                |
| Height/depth [mm]                  | 17                     |
| Model                              | Schlauch               |
| UV-resistant                       | Yes                    |
| Self-adhesive                      | nein                   |
| Korrosionsbeständig                | ja                     |
| Lamp type                          | LED nicht austauschbar |
| Impact strength                    | IK08                   |
| Distance [mm]                      | 2.98                   |
| Distance relating to               | LED zu LED             |
| Degree of protection (IP)          | IP67                   |
| Length of particular segments [mm] | 167.0                  |
| Lowest bending radius [mm]         | 60                     |
| Number of lamps per meter          | 336                    |

## ELECTRICAL DATA

|                           |     |
|---------------------------|-----|
| Protection class          | III |
| Voltage type              | DC  |
| Lamp voltage [V]          | 48  |
| Lamp power per meter [W]  | 6.3 |
| Overall efficiency [lm/W] | 25  |

## LIGHT TECHNICAL DATA

|                                     |            |
|-------------------------------------|------------|
| Beam angle [°]                      | 115        |
| Colour rendering index CRI          | >80        |
| Colour temperature [K]              | RGB + 2700 |
| Colour of light                     | RGBW       |
| Luminous flux per meter [lm]        | 160        |
| Colour consistency (McAdam ellipse) | SDCM5      |

## CONNECTION

|                  |       |
|------------------|-------|
| Number of poles  | 5     |
| Max. length [mm] | 20000 |

## TEMPERATURE TECHNICAL DATA

|                                           |               |
|-------------------------------------------|---------------|
| Ambient/storage temperature [°C]          | 0 ... + 60    |
| Impact strength                           | IK08          |
| Ambient temperature during operating [°C] | - 40 ... + 50 |
| Rated life time L70/B50 at 25 °C [h]      | 60000         |

# BL AIR48 Aura Side RGBW

**BL AIR48 Aura Side LED light tube 160lm/m 48VDC 6.3W/m IP67 RGB+827 20m**

Article no.: 172325



## PACKAGING INFORMATION

|                       |               |
|-----------------------|---------------|
| EAN                   | 4250716955378 |
| Article no.           | 172325        |
| Customs tariff number | 9405423190    |
| Net width [mm]        | 12.0          |
| Net height [mm]       | 17            |
| Net length [mm]       | 20000         |
| State of origin       | CN            |

\* 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 +/- 10% (or +/- 15 %at ECO / TWO / RGB / AIR). Module length at 24 V input voltage at the module and luminous flux drop 10% over the specified length.

## NECESSARY ACCESSORIES

| Article                                                   | Article no. |
|-----------------------------------------------------------|-------------|
| BL mounting clip set silver for BL NEON Side 25mm         | 171867      |
| BL built-up profile aluminium silver for Neon Side 1000mm | 171865      |
| BL end cap set white for Neon Side                        | 171869      |
| BL mounting clip set silver for BL NEON Side 25mm         | 171867      |
| BL built-up profile aluminium silver for Neon Side 1000mm | 171865      |
| BL end cap set white for Neon Side                        | 171869      |

**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)