

# BL COR XTreme TONE

**BILTON**FOCUSED  
ON  
LINEAR  
LIGHT**BL COR XTreme Tone LED strip 700lm/m 24VDC 19.2W/m IP20 RGB+830 5m**

Article no.: 171853



Lamp voltage



Luminous flux per meter



Max. length



Colour rendering index CRI

## TENDER TEXT

LED strip COR Tone 700 lm/m 24VDC, 19.2W/m, IP20, RGB+3000K, Colors and BLT label, one-sided connection cable 50 cm, 5 meters LED module BL COR XTreme TONE Article 171853 Linear RGBW LED light strip on a flexible circuit board. Installation using self-adhesive heat-conducting adhesive tape. Dimmable using BILTON LEDON Technology LED dimmer. Suitable for ambient temperatures from -20 ... +40 °C at a service life of 60000 h . The BL COR XTreme TONE LED-strip has a luminous flux of 700 lm at 19.2 W, resulting in an efficiency of 36 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 5000.0 mm can be achieved. In terms of lighting, the module has a colour temperature of RGB+3000 K and a beam angle of 125°. All this with a colour rendering index of >80 and a Binning selection based on (MacAdams). The light strip can be separated every 100.0 mm, resulting in a LED distance of 16.67 mm. Degree of protection IP20 Dimension (L x W x H): 5000.0 mm x 12.0 mm x 2.1 mm

## TOP-FEATURES

- //\_ RGB+3000 K LED strip
- //\_ High quality FPC
- //\_ Self-adhesive with 3M adhesive tape



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## MECHANICAL DATA

|                                    |            |
|------------------------------------|------------|
| Net width [mm]                     | 12.0       |
| Net height [mm]                    | 2.1        |
| Net length [mm]                    | 5000.0     |
| Degree of protection (IP)          | IP20       |
| Colour                             | White      |
| Net weight [g]                     | 147        |
| Distance [mm]                      | 16.67      |
| Distance relating to               | LED to LED |
| Length of particular segments [mm] | 100.0      |

## ELECTRICAL DATA

|                           |         |
|---------------------------|---------|
| Overall efficiency [lm/W] | 36      |
| Lamp power per meter [W]  | 19.2    |
| Lamp voltage [V]          | 24      |
| Input voltage range [V]   | 23 - 25 |
| Voltage type              | DC      |
| Protection class          | III     |

## LIGHT TECHNICAL DATA

|                              |            |
|------------------------------|------------|
| Luminous flux per meter [lm] | 700        |
| Beam angle [°]               | 125        |
| Colour rendering index CRI   | >80        |
| Colour temperature [K]       | RGB + 3000 |

## CONNECTION

|                  |        |
|------------------|--------|
| Number of poles  | 5      |
| Max. length [mm] | 5000.0 |

## TEMPERATURE TECHNICAL DATA

|                                           |               |
|-------------------------------------------|---------------|
| Rated life time L70/B50 at 25 °C [h]      | 60000         |
| Ambient temperature during operating [°C] | - 20 ... + 40 |
| Ambient/storage temperature [°C]          | 0 ... + 60    |

## PACKAGING INFORMATION

|                       |               |
|-----------------------|---------------|
| EAN                   | 4250716948714 |
| Article no.           | 171853        |
| Customs tariff number | 9405423990    |
| Length [mm]           | 5000.0        |
| State of origin       | CN            |

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\* 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](http://www.biltongroup.com)

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