

# BL COR XTreme TONE

**BILTON**

FOCUSED  
ON  
LINEAR  
LIGHT

**BL COR Pure Tone LED strip 700lm/m 24VDC 19.2W/m IP20 RGB+830 5m**

Article no.: 171853



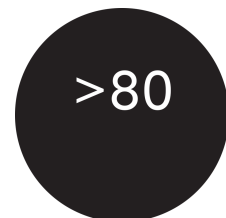
Lamp voltage



Luminous flux per meter



Max. length



Colour rendering index CRI

## TENDER TEXT

LED strip RGBW 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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