

# BL RGBW 3000K

BLCOL0700024DC07920RGB830C05

Article no.: 171141



IP20

Degree of protection (IP)

700  
lm

Luminous flux per meter

5000.0  
mm

Max. length

## TENDER TEXT

BL Color 700 LED strip 24VDC 7,9W/m IP20 RGB + CRI>80 3000K 5m LED module BL RGBW 3000K Article 171141 Linear 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 ... +45 °C at a service life of 36000 h . The BL RGBW 3000K LED-strip has a luminous flux of 700 lm at 7.9 W, resulting in an efficiency of 89 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 120°. All this with a colour rendering index of >80 and a Binning selection based on SDCM5 (MacAdams). The light strip can be separated every 100.0 mm, resulting in a LED distance of 14.30 mm. Degree of protection IP20 Dimension (L x W x H): 5000.0 mm x 10.0 mm x 1.6 mm


24 V


>80

IP20

RGB + 3000 K







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**BILTON**

FOCUSED  
ON  
LINEAR  
LIGHT

## MECHANICAL DATA

Net width [mm]	10.0
Net height [mm]	1.6
Net length [mm]	1000.0
Degree of protection (IP)	IP20
Colour	White
Distance [mm]	14.30
Distance relating to	LED to LED
Length of particular segments [mm]	100.0

## ELECTRICAL DATA

Overall efficiency [lm/W]	89
Lamp power per meter [W]	7.9
Lamp voltage [V]	24
Voltage type	DC
Protection class	III

## LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	700
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM5
Colour rendering index CRI	>80
Colour temperature [K]	RGB + 3000

## CONNECTION

Number of poles	5
Conductor cross section [mm²]	0.50
Max. length [mm]	5000.0

## TEMPERATURE TECHNICAL DATA

Rated life time L70/B50 at 25 °C [h]	36000
Ambient temperature during operating [°C]	- 20 ... + 45
Ambient/storage temperature [°C]	0 ... + 60

## PACKAGING INFORMATION

EAN	4250716940947
Article no.	171141
Customs tariff number	94054239
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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