

BL RGBW 2700K IP65

BILTON

FOCUSED
ON
LINEAR
LIGHT

BLCOL0700024DC07965RGB827C05

Article no.: 171145



Lamp voltage



Luminous flux per meter



Max. length



Colour rendering index CRI

TENDER TEXT

BL Color 700 LED strip 24VDC 7,9W/m IP65NA RGB + CRI>80 2700K 5m LED module BL RGBW 2700K IP65 Article 171145 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 2700K IP65 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 + 2700 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 IP65 Dimension (L x W x H): 5000.0 mm x 10.0 mm x 1.6 mm



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MECHANICAL DATA

Net width [mm]	10.0
Net height [mm]	1.6
Net length [mm]	1000.0
Degree of protection (IP)	IP65
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 + 2700

CONNECTION

Number of poles	5
Conductor cross section [mm ²]	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	4250716940954
Article no.	171145
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

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.biltongroup.com