BLRGB PLUS

BLCOL0300024DC07254RGB000C05

Article no.: 100988

24 V	300 lm	5000.0 mm	None
Lamp voltage	Luminous flux per meter	Max. length	Colour rendering index CRI

TENDER TEXT

BILTONCOLOR 300 LED strip 24VDC 7,2W/m IP54 RGB COLOR 5m LED module BLRGB PLUS Article 100988 Linear LED light strip on a flexible circuit board. Installation using self-adhesive heat-conducting adhesive tape. Dimmable using BILTON LED dimmer. Suitable for ambient temperatures from -20 ... +45 °C at a service life of 36000 h . The BLRGB PLUS LED-strip has a luminous flux of 300 lm at 7.2 W, resulting in an efficiency of 42 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 and a beam angle of 120°. All this with a colour rendering index of None and a Binning selection based on (MacAdams). The light strip can be separated every 100.0 mm, resulting in a LED distance of 16.70 mm. Degree of protection IP54 Dimension (L x W x H): 5000.0 mm x 8.0 mm x 2.2 mm

TOP-FEATURES

//__ Protection class IP54 # for applications with increased requirements against splash water

//__ Developed and produced by BILTON

//__ With PU components from Germany

//__ Increased module lengths due to the layout with double tracks

| 24 V | RGB | IP54 |

RoHS COMPLIANT 2002/95/EC   CE   ⅏

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MECHANICAL DATA

Net width [mm]	8.0
Net height [mm]	2.2
Net length [mm]	5000.0
Degree of protection (IP)	IP54
Colour	RGB
Net weight [g]	150
Distance [mm]	16.70
Distance relating to	LED to LED
Length of particular segments [mm]	100.0

ELECTRICAL DATA

Overall efficiency [lm/W]	42
Lamp power per meter [W]	7.2
Lamp voltage [V]	24
Voltage type	DC
Protection class	III

LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	300
Beam angle [°]	120
Colour rendering index CRI	None
Colour temperature [K]	RGB
Energy efficiency class provided exchangeable built-in lamp	B

CONNECTION

Number of poles	4
Conductor cross section [mm²]	0.50
Max. length [mm]	5000.0

TEMPERATURE TECHNICAL DATA

Rated life time L70/B10 at 25 °C [h]	36000
Ambient temperature during operating [°C]	- 20 ... + 45
Ambient/storage temperature [°C]	- 5 ... + 55
Operation temperature at Tc [°C]	- 5 ... + 60

PACKAGING INFORMATION

EAN	4250716933475
Article no.	100988
Customs tariff number	94054099

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Length [mm]	5000.0
Gross weight [g]	225.0
Gross height [mm]	18.0
Gross width [mm]	200.0
Gross length [mm]	200.0
State of origin	AT

* 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

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