

BLRGB PLUS

BLCOL0300024DC07254RGB000C05

Article no.: 100988



Lamp voltage



Max. length



Colour rendering index CRI



Luminous flux per meter

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 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 ohne and a Binning selection based on (MacAdams). The light strip can be separated every 100.0 mm, resulting in a LED distance of 16.7 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



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MECHANICAL DATA

Width [mm]	8.0
Length [mm]	5000.0
Height/depth [mm]	2.2
Height [mm]	2.2
Colour	RGB
Model	Band
Self-adhesive	yes
Lamp type	LED nicht austauschbar
Distance [mm]	16.7
Distance relating to	LED zu LED
Degree of protection (IP)	IP54
Length of particular segments [mm]	100.0
Lowest bending radius [mm]	20
With connection set	yes
With end piece	nein
Number of lamps per meter	60

ELECTRICAL DATA

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

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	ohne
Colour temperature [K]	RGB
Colour of light	RGB
Luminous flux per meter [lm]	300
Energy efficiency class provided exchangeable built-in lamp	B

CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	4
Max. length [mm]	5000

TEMPERATURE TECHNICAL DATA

Ambient/storage temperature [°C]	- 5 ... + 55
Operation temperature at Tc [°C]	- 5 ... + 60

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Ambient temperature during operating [°C]	- 20 ... + 45
Rated life time L70/B10 at 25 °C [h]	36000

PACKAGING INFORMATION

EAN	4250716933475
Article no.	100988
Net weight [g]	150
Gross weight [g]	225
Gross width [mm]	200.0
Gross height [mm]	18.0
Gross length [mm]	200.0
Customs tariff number	94054099
Net width [mm]	8.0
Net height [mm]	2.2
Net length [mm]	5000
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.better-light.at

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