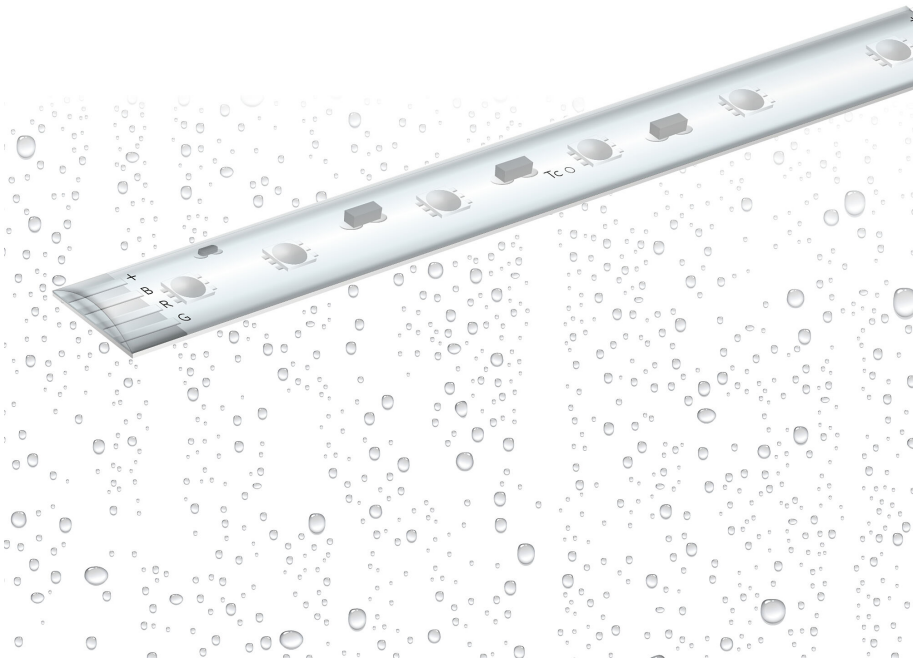
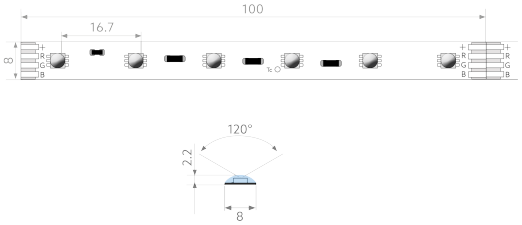
BLRGB PLUS

BLCOL0300024DC07254RGB000C05
Article no.: 100988

BETTER LIGHT





24 V	5000 mm	ohne	300 lm
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

24 V | RGB | IP54 | RoHS COMPLIANT 2002/95/EC | CE

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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

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.better-light.at

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