

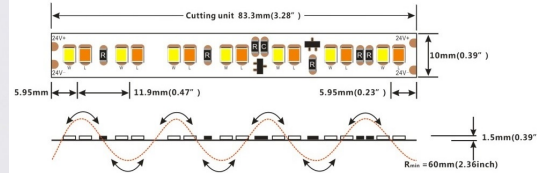
# BL DIM TO WARM

BLDTW1000024DC09620819830W05

Article no.: 171122

# BILTON

FOCUSED  
ON  
LINEAR  
LIGHT



Degree of protection (IP)



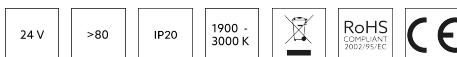
Luminous flux per meter



Max. length

## TENDER TEXT

BL Dim to Warm 1000 LED strip 24VDC 9,6W/m IP20 CRI>80 1900-3000K WHITE 5m LED module BL DIM TO WARM Article 171122 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 -25 ... +40 °C at a service life of . The BL DIM TO WARM LED-strip has a luminous flux of 1050 lm at 9.6 W, resulting in an efficiency of 109 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 3000.0 mm can be achieved. In terms of lighting, the module has a colour temperature of 1900 - 3000 K and a beam angle of 120°. All this with a colour rendering index of >80 and a Binning selection based on SDCM3 (MacAdams). The light strip can be separated every 83.3 mm, resulting in a LED distance of 11.90 mm. Degree of protection IP20 Dimension (L x W x H): 5000.0 mm x 10.0 mm x 1.5 mm



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## MECHANICAL DATA

Net width [mm]	10.0
Net height [mm]	1.5
Net length [mm]	1000.0
Degree of protection (IP)	IP20
Colour	White
Net weight [g]	145
Distance [mm]	11.90
Distance relating to	LED to LED
Length of particular segments [mm]	83.3

## ELECTRICAL DATA

Overall efficiency [lm/W]	109
Lamp power per meter [W]	9.6
Lamp voltage [V]	24
Voltage type	DC
Protection class	III

## LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	1050
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>80
Colour temperature [K]	1900 - 3000
Energy efficiency class provided exchangeable built-in lamp	F

## CONNECTION

Number of poles	2
Conductor cross section [mm <sup>2</sup> ]	0.50
Max. length [mm]	3000.0

## TEMPERATURE TECHNICAL DATA

Ambient temperature during operating [°C]	- 25 ... + 40
Ambient/storage temperature [°C]	0 ... + 60

## PACKAGING INFORMATION

EAN	4250716940367
Article no.	171122
Customs tariff number	94054239
Length [mm]	5000.0

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Gross weight [g]	145.0
Gross height [mm]	18.0
Gross width [mm]	200.0
Gross length [mm]	200.0
State of origin	CN

\* 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)

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](http://www.biltongroup.com)