

# BLRET 2000

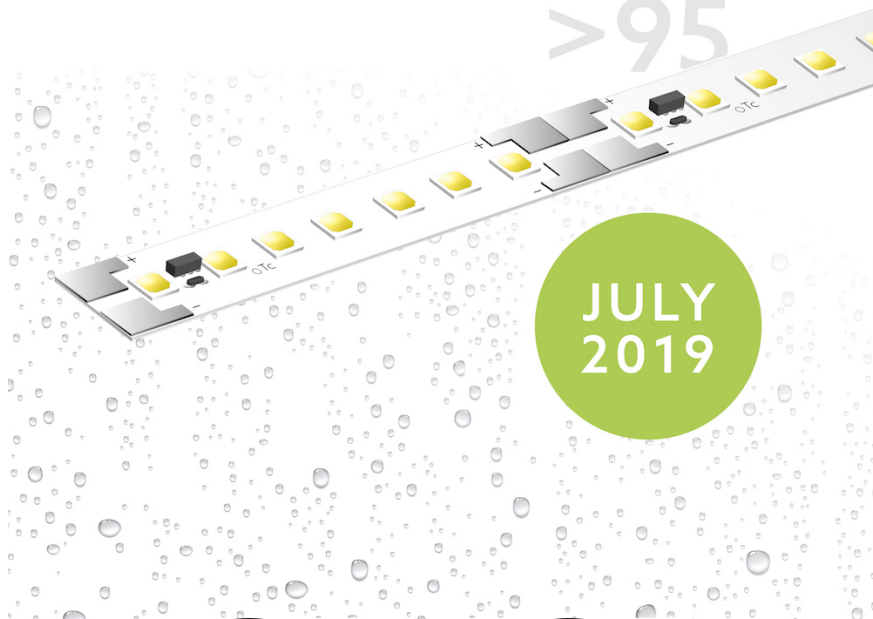
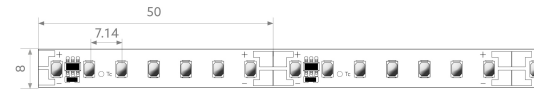
BLRET2000024DC240X6935000W20

Article no.: 101835

**BILTON**

FOCUSED  
ON  
LINEAR  
LIGHT

CRI  
>95



24  
V

Lamp voltage

2000  
lm/m

Luminous flux

>95  
Ra

Max. module length

CRI

## TENDER TEXT

BILTONRETAIL 2000 LED strip 24VDC 24W/m IPX6 CRI>95 3500K WHITE 20m LED module BLRET 2000 Article 101835 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 60000 h / L80B10 . The BLRET 2000 LED-strip has a luminous flux of 2000 lm/m at 24.0 W, resulting in an efficiency of 83 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of can be achieved. In terms of lighting, the module has a colour temperature of 3500 K and a beam angle of 120°. All this with a colour rendering index of >95 Ra and a Binning selection based on 3 SDCM (MacAdams). The light strip can be separated every 50.0 mm, resulting in a LED distance of 7.1 mm. Degree of protection IPX6 Dimension (L x W x H): 20000.0 mm x 8.0 mm x 1.5 mm

## TOP-FEATURES

- //\_\_ Best light quality for shop lighting thanks to CRI >95 Ra
- //\_\_ Long line lengths and better stability due to double layer
- //\_\_ Wide choice of light colors and lumen packages
- //\_\_ Available in Degree of Protection IPX6



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## MECHANICAL DATA

Width [mm]	8.0
Height [mm]	1.5
Length [mm]	20000.0
Degree of protection (IP)	IPX6
LED pitch [mm]	7.1
Length of particular segments [mm]	50.0
Surface color	weiß/white

## ELECTRICAL DATA

Efficiency [lm/W]	83
Lamp power per meter [W]	24.0
Lamp voltage [V]	24
Voltage range	23-25 VDC

## LIGHT TECHNICAL DATA

Luminous flux [lm/m]	2000
Beam angle [°]	120
Binning tolerance	3 SDCM
CRI [Ra]	>95
Colour temperature [K]	3500
Drop in luminous flux	L80B10
EEC	A

## CONNECTION

Connection number	2
Cable cross-section [mm <sup>2</sup> ]	0,5

## TEMPERATURE TECHNICAL DATA

Lifetime [h]	60000
Ambient temperature [°C]	-20...+45
Storage temperature [°C]	-5...+55
Operating temperature [°C]	-5...+60

## PACKAGING INFORMATION

EAN	4250716935905
Article no.	101835
Customs tariff number	94054099
Length [mm]	20000.0
Gross height [mm]	18.0

# BLRET 2000

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Gross width [mm]	200.0
Gross length [mm]	200.0
State of origin	EU/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 -/+ 10% (or -/+ 15 %at ECO / TWO / RGB / AIR ). 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)

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