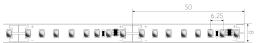
# BL ONE Comfort 1000 >90

#### BL ONE Comfort LED strip 965lm/m 24VDC 8.6W/m IP20 930 5m

Article no.: 100159

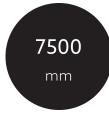
















Colour rendering index CRI Luminous flux per meter



#### **TENDER TEXT**

LED strip ONE Comfort 965 lm/m 24VDC 8.6W/m 112lm/W IP20 CRI>90 3000K, one-sided connection cable 50 cm, WHITE 5 meter LED module BL ONE Comfort 1000 >90 Article 100159 Linear LED light strip IC-controlled on a flexible circuit board. Installation using selfadhesive heat-conducting adhesive tape. Dimmable using BILTON LEDON Technology LED dimmer. Suitable for ambient temperatures from -20 ... +45  $^{\circ}$ C at a service life of 60000 h . The BL ONE Comfort 1000 > 90 LED-strip has a luminous flux of 965 lm at 8.6 W, resulting in an efficiency of 112 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 7500 mm can be achieved. In terms of lighting, the module has a colour temperature of 3000 K and a beam angle of 120°. All this with a colour rendering index of >90 and a Binning selection based on SDCM3 (MacAdams). The light strip can be separated every 50.0 mm, resulting in a LED distance of 7.14 mm. Degree of protection IP20. Dimension (L x W x H): 5000.0 mm x 8.0 mm x 1.5 mm

#### **TOP-FEATURES**

- // Wide range of lumens and light colours
- //\_\_ Maximum homogeneity thanks to 140 LEDs per metre
- //\_\_ Economical energy consumption
- //\_\_ Produced in Austria

















# BL ONE Comfort 1000 >90

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### MECHANICAL DATA

Width [mm]	8.0
Length [mm]	5000.0
Height/depth [mm]	1.5
Colour	White
Model	Band
Self-adhesive	yes
Lamp type	LED nicht austauschbar
Distance [mm]	7.14
Distance relating to	LED zu LED
Degree of protection (IP)	IP20
Length of particular segments [mm]	50.0
Lowest bending radius [mm]	20
Number of lamps per meter	140

## **ELECTRICAL DATA**

Voltage typeDCLamp voltage [V]24Imput voltage range [V]23 - 25Lamp power per meter [W]8.6Overall efficiency [Im/W]112	Protection class	III
Imput voltage range [V] 23 - 25 Lamp power per meter [W] 8.6	Voltage type	DC
Lamp power per meter [W] 8.6	Lamp voltage [V]	24
	Imput voltage range [V]	23 - 25
Overall efficiency [lm/W] 112	Lamp power per meter [W]	8.6
	Overall efficiency [lm/W]	112

## LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	3000
Colour of light	neutral white
Luminous flux per meter [lm]	965
Energy efficiency class provided exchangeable built-in lamp	F
Colour consistency (McAdam ellipse)	SDCM3

## CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	2
Max. length [mm]	7500

## TEMPERATURE TECHNICAL DATA

Ambient/storage temperature [°C]	0 + 60
Operation temperature at Tc [°C]	- 5 + 60
Ambient temperature during operating [°C]	- 20 + 45

# BL ONE Comfort 1000 >90

#### BL ONE Comfort LED strip 965lm/m 24VDC 8.6W/m IP20 930 5m

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Rated life time L80/B10 at 25 °C [h] 60000

### PACKAGING INFORMATION

EAN	4250716947984
Article no.	100159
Net weight [g]	68
Gross weight [g]	110
Gross width [mm]	220.0
Gross height [mm]	10.0
Gross length [mm]	260.0
Customs tariff number	9405423990
Net width [mm]	8.0
Net height [mm]	1.5
Net length [mm]	5000
State of origin	AT

<sup>\*</sup> Specifications of the electrical and photometric parameters: All values are valid in the thermally steady state at 25 ° C ambient temperature under the standardized measuring environment of BILTON LEDON Technology. Nominal lumen values differ for different light colors, these values can be found in the respective data sheets. All values can have tolerances of +/- 15 %.

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