

# BL ONE Comfort 2000 >80

BL ONE Comfort LED strip 2030lm/m 24VDC 14.2W/m IP20 840 20m

Article no.: 100204



24

V

Lamp voltage

5800

mm

Max. length

>80

Colour rendering index CRI Luminous flux per meter

2030

lm

## TENDER TEXT

LED strip ONE Comfort 2030 lm/m 24VDC 14.2W/m 143lm/W IP20 CRI>80 4000K, without connection cable, WHITE 20 meter LED module BL ONE Comfort 2000 >80 Article 100204 Linear LED light strip IC-controlled 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 -20 ... +45 °C at a service life of 72000 h . The BL ONE Comfort 2000 >80 LED-strip has a luminous flux of 2030 lm at 14.2 W, resulting in an efficiency of 143 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 5800 mm can be achieved. In terms of lighting, the module has a colour temperature of 4000 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 50.0 mm, resulting in a LED distance of 7.14 mm. Degree of protection IP20 . Dimension (L x W x H): 20000.0 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



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## MECHANICAL DATA

Width [mm]	8.0
Length [mm]	20000.0
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

Protection class	III
Voltage type	DC
Lamp voltage [V]	24
Input voltage range [V]	23 - 25
Lamp power per meter [W]	14.2
Overall efficiency [lm/W]	143

## LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>80
Colour temperature [K]	4000
Colour of light	neutral white
Luminous flux per meter [lm]	2030
Energy efficiency class provided exchangeable built-in lamp	E
Colour consistency (McAdam ellipse)	SDCM3

## CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	2
Max. length [mm]	5800

## TEMPERATURE TECHNICAL DATA

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

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Rated life time L80/B10 at 25 °C [h]	72000
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## PACKAGING INFORMATION

EAN	4250716948349
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Article no.	100204
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Customs tariff number	9405423990
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Net width [mm]	8.0
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Net height [mm]	1.5
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Net length [mm]	20000
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State of origin	AT
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\* 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](http://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](http://www.better-light.at)