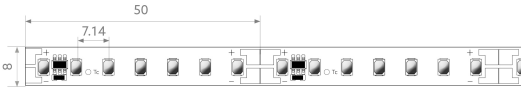
BL ONE Comfort 2000 >80

BL ONE Comfort LED strip 1990lm/m 24VDC 14.2W/m IP20 830 5m
Article no.: 100197

BETTER LIGHT





24 V	5800 mm	>80	1990 lm
Lamp voltage	Max. length	Colour rendering index CRI	Luminous flux per meter

TENDER TEXT

LED strip ONE Comfort 1990 lm/m 24VDC 14.2W/m 140lm/W IP20 CRI>80 3000K, one-sided connection cable 50 cm, WHITE 5 meter LED module BL ONE Comfort 2000 >80 Article 100197 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 1990 lm at 14.2 W, resulting in an efficiency of 140 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 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 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

24 V | >80 | IP20 | 3000 K

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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

Protection class	III
Voltage type	DC
Lamp voltage [V]	24
Imput voltage range [V]	23 - 25
Lamp power per meter [W]	14.2
Overall efficiency [lm/W]	140

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>80
Colour temperature [K]	3000
Colour of light	neutral white
Luminous flux per meter [lm]	1990
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

PACKAGING INFORMATION

EAN	4250716948318
Article no.	100197
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

* 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

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