

BL ONE Comfort TW 2000 >90

BL ONE Comfort TW LED strip 2000lm/m 24VDC 18.5W/m IPX6 927-965 5.025m

Article no.: 102091



24

Lamp voltage

6000

Max. length

75

Length of particular
segments

2700 - 6500

Colour temperature

TENDER TEXT

LED strip ONE Comfort TW 2000 lm/m 24VDC, 18.5 W/m, 108 lm/W, IPX6, CRI>90, 2-layer flex, colour change 2700 - 6500 K, tuneablewhite, 500 mm connection cable on both sides, 5.025 metres LED module BL ONE Comfort TW 2000 >90 Article 102091 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 -20 ... +45 at a service life of 60000 . The BL ONE Comfort TW 2000 >90 LED-strip has a luminous flux of 2000 at 18.5 , resulting in an efficiency of 108 . At a nominal voltage of 24 DC on the connection, a maximum module length of 6000 can be achieved. In terms of lighting, the module has a colour temperature of 2700 - 6500 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 75 , resulting in a LED distance of 10.7 . Degree of protection IPX6 Dimension (L x W x H): 5025 x 8 x 1.5

TOP-FEATURES

- //__ BL TW is the name for Tuneable White
- //__ With this series becomes a physiologically valuable light (= Human Centric Lighting) generated
- //__ Long cable lengths and better stability through double layers
- //__ Continuously dimming between 2700 - 6500



BL ONE Comfort TW 2000 >90

BL ONE Comfort TW LED strip 2000lm/m 24VDC 18.5W/m IPX6 927-965 5.025m

Article no.: 102091



BL ONE Comfort TW 2000 >90

BL ONE Comfort TW LED strip 2000lm/m 24VDC 18.5W/m IPX6 927-965 5.025m

Article no.: 102091



MECHANICAL DATA

Width	8
Length	5025
Height/depth	1.5
Height	1.5
Colour	White
Model	Band
Self-adhesive	yes
Lamp type	LED nicht austauschbar
Distance	10.7
Distance relating to	LED zu LED
Degree of protection (IP)	IPX6
Length of particular segments	75
Lowest bending radius	20
With connection set	yes
With end piece	nein
Number of lamps per meter	186

ELECTRICAL DATA

Protection class	III
Voltage type	DC
Lamp voltage	24
Input voltage range	23 - 25
Lamp power per meter	18.5
Overall efficiency	108

LIGHT TECHNICAL DATA

Beam angle	120
Colour rendering index CRI	>90
Colour temperature	2700 - 6500
Colour of light	White
Luminous flux per meter	2000
Energy efficiency class provided exchangeable built-in lamp	F
Colour consistency (McAdam ellipse)	SDCM3

CONNECTION

Conductor cross section	0.5
Number of poles	3
Max. length	6000

TEMPERATURE TECHNICAL DATA

BL ONE Comfort TW LED strip 2000lm/m 24VDC 18.5W/m IPX6 927-965 5.025m

Ambient/storage temperature	- 5 ... + 55
Operation temperature at Tc	- 5 ... + 60
Article no.: 102091	
Ambient temperature during operating	- 20 ... + 45
Rated life time L80/B10 at 25 °C	60000



PACKAGING INFORMATION

State of origin	AT
Customs tariff number	94054099
Net weight [g]	90
Gross weight [g]	185.5
Gross width [mm]	200
Gross height [mm]	18
Gross length [mm]	200
Net width [mm]	8
Net height [mm]	1.5
Net length [mm]	5025

* 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. 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