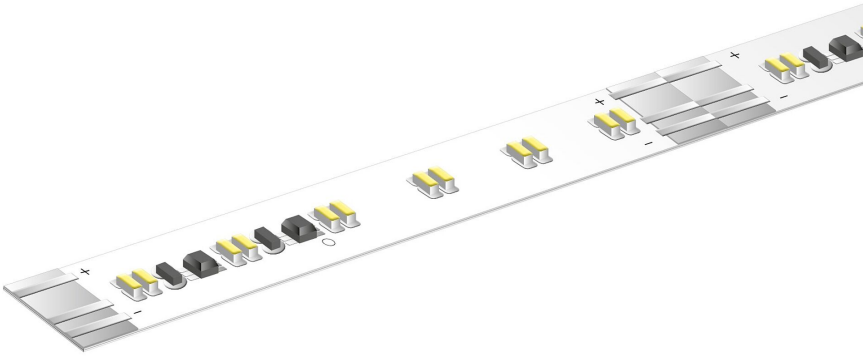
BL ONE Comfort TW 3000 >90

BL ONE Comfort TW LED strip 3000lm/m 24VDC 29.8W/m IP20 927-965 5.025m

Article no.: 102085





24 V	4500 mm	75.0 mm	2700 - 6500 K
Lamp voltage	Max. length	Length of particular segments	Colour temperature

TENDER TEXT

LED strip ONE Comfort TW 3000 lm/m 24VDC, 29.8 W/m, 101 lm/W, IP20, 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 3000 >90 Article 102085 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 °C at a service life of 60000 h . The BL ONE Comfort TW 3000 >90 LED-strip has a luminous flux of 3000 lm at 29.8 W, resulting in an efficiency of 101 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 4500 mm can be achieved. In terms of lighting, the module has a colour temperature of 2700 - 6500 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 75.0 mm, resulting in a LED distance of 10.7 mm. Degree of protection IP20 Dimension (L x W x H): 5025.0 mm x 8.0 mm x 1.5 mm

TOP-FEATURES

//__ BL TW is the name for Tuneable White

//__ With this series becomes a phy siologically valuabl e light (= Human Centric Lighting) generated

//__ L ong cable lengths an d better stability through double layers

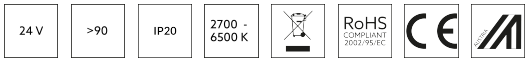
//__ Cont inuously dimming between 2700 - 6500 K

© BILTON LEDON Technology | www.better-light.at
Gewerbepark Harham 2, 5760 Saalfelden | Austria | Phone: +43 6582 71164 | Mail: office@bltechnology.at
Version: 20261031 | Errors and printing errors are reserved.

BL ONE Comfort TW 3000 >90

BL ONE Comfort TW LED strip 3000lm/m 24VDC 29.8W/m IP20 927-965 5.025m

Article no.: 102085



© BILTON LEDON Technology | www.better-light.at
Gewerbepark Harham 2, 5760 Saalfelden | Austria | Phone: +43 6582 71164 | Mail: office@bltechnology.at
Version: 20261031 | Errors and printing errors are reserved.

BL ONE Comfort TW 3000 >90

BL ONE Comfort TW LED strip 3000lm/m 24VDC 29.8W/m IP20 927-965 5.025m
Article no.: 102085

BETTER LIGHT

MECHANICAL DATA

Width [mm]	8.0
Length [mm]	5025.0
Height/depth [mm]	1.5
Height [mm]	1.5
Colour	White
Model	Band
Self-adhesive	Yes
Lamp type	LED nicht austauschbar
Distance [mm]	10.7
Distance relating to	LED zu LED
Degree of protection (IP)	IP20
Length of particular segments [mm]	75.0
Lowest bending radius [mm]	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 [V]	24
Imput voltage range [V]	23 - 25
Lamp power per meter [W]	29.8
Overall efficiency [lm/W]	101

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	2700 - 6500
Colour of light	White
Luminous flux per meter [lm]	3000
Energy efficiency class provided exchangeable built-in lamp	F
Colour consistency (McAdam ellipse)	SDCM3

CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	3
Max. length [mm]	4500

TEMPERATURE TECHNICAL DATA

© BILTON LEDON Technology | www.better-light.at
Gewerbepark Harham 2, 5760 Saalfelden | Austria | Phone: +43 6582 71164 | Mail: office@bltechnology.at
Version: 20261031 | Errors and printing errors are reserved.

BL ONE Comfort TW 3000 >90

BL ONE Comfort TW LED strip 3000lm/m 24VDC 29.8W/m IP20 927-965 5.025m
Article no.: 102085

Ambient/storage temperature [°C]	- 5 ... + 55
Operation temperature at Tc [°C]	- 5 ... + 60
Ambient temperature during operating [°C]	- 20 ... + 45
Rated life time L80/B10 at 25 °C [h]	60000

PACKAGING INFORMATION

EAN	4250716941678
Article no.	102085
Net weight [g]	90
Gross weight [g]	185.5
Gross width [mm]	200.0
Gross height [mm]	18.0
Gross length [mm]	200.0
Customs tariff number	94054099
Net width [mm]	8.0
Net height [mm]	1.5
Net length [mm]	5025
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. 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

© BILTON LEDON Technology | www.better-light.at
Gewerbepark Harham 2, 5760 Saalfelden | Austria | Phone: +43 6582 71164 | Mail: office@bltechnology.at
Version: 20261031 | Errors and printing errors are reserved.