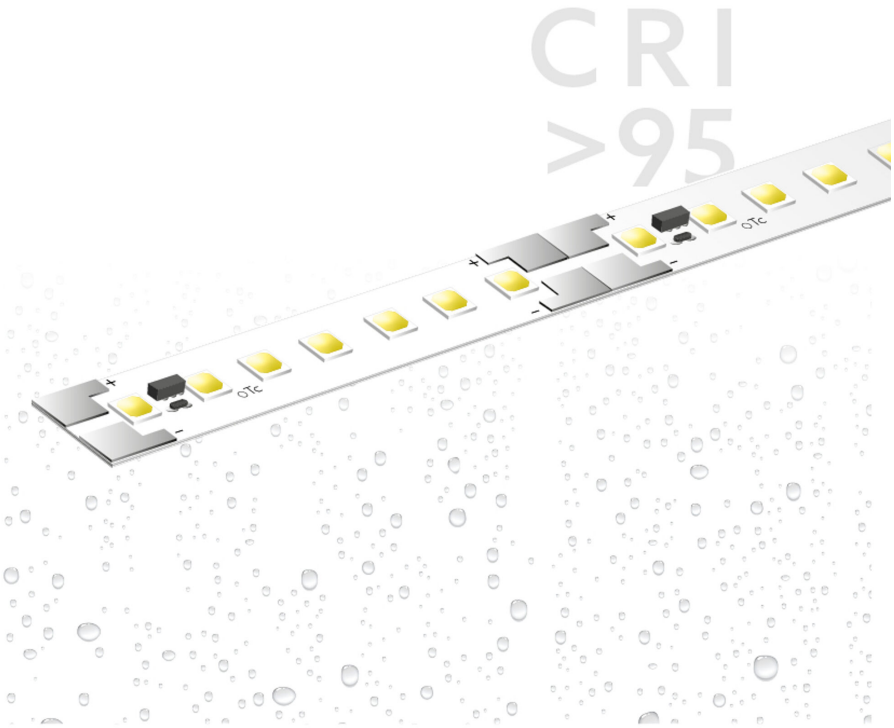
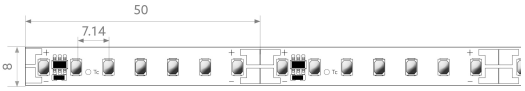
BL ONE Select Retail 2000

BL ONE Select Retail LED strip 1740lm/m 24VDC 17.9W/m IPX6 930 20m

Article no.: 101833





24 V	5500 mm	>95	1740 lm
Lamp voltage	Max. length	Colour rendering index CRI	Luminous flux per meter

TENDER TEXT

LED strip ONE Select Retail 1740 lm/m 24VDC, 17.9W/m, 97 lm/W, IPX6, CRI>95, 3000K, WHITE, connection cable 500 mm on both sides, 20 metres LED module BL ONE Select Retail 2000 Article 101833 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 Select Retail 2000 LED-strip has a luminous flux of 1740 lm at 17.9 W, resulting in an efficiency of 97 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 5500 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 >95 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 IPX6 Dimension (L x W x H): 20000.0 mm x 8.0 mm x 1.5 mm

TOP-FEATURES

//__ Best light quality for shop lighting thanks to CRI >95

//__ Long line lengths and better stability due to double layer

//__ Wide choice of light colors and lumen packages

//__ Available in Degree of Protection IPX6

24 V | >95 | IPX6 | 3000 K | RoHS COMPLIANT 2002/95/EC | CE

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Gewerbepark Harham 2, 5760 Saalfelden | Austria | Phone: +43 6582 71164 | Mail: office@bltechnology.at
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BETTER LIGHT

MECHANICAL DATA

Width [mm]	8.0
Length [mm]	20000.0
Height/depth [mm]	1.5
Height [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)	IPX6
Length of particular segments [mm]	50.0
Lowest bending radius [mm]	20
With connection set	Yes
With end piece	nein
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]	17.9
Overall efficiency [lm/W]	97

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>95
Colour temperature [K]	3000
Colour of light	White
Luminous flux per meter [lm]	1740
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]	5500

TEMPERATURE TECHNICAL DATA

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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	4250716935882
Article no.	101833
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]	20000
State of origin	AT

* Information about the electrical and lighting technology measurements: Performance data measured after 1 min. at 25 °C ambient temperature and a light colour of 4,000 K (or RGB). These values can have a tolerance value of -/+ 10% (or -/+ 15 %at ECO / TWO / RGB / AIR). Module length at 24 V input voltage at the module and luminous flux drop 10% over the specified length.

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