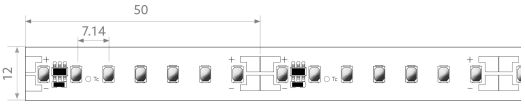
BL ONE Select XL 5000 >90

BL ONE Select XL LED strip 4800lm/m 24VDC 41.5W/m IP20 930 20m

Article no.: 101924

BETTER LIGHT





24 V	3500 mm	>90	4800 lm
Lamp voltage	Max. length	Colour rendering index CRI	Luminous flux per meter

TENDER TEXT

LED strip ONE Select XL 4800 lm/m 24VDC, 41.5W/m, 116 lm/W, IP20, CRI>90, 3000K, WHITE, module width 12 mm, connection cable 500 mm on both sides, 20 metres LED module BL ONE Select XL 5000 >90 Article 101924 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 XL 5000 >90 LED-strip has a luminous flux of 4800 lm at 41.5 W, resulting in an efficiency of 116 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 3500 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 >90 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 12.0 mm x 1.5 mm

TOP-FEATURES

//__ Best light quality for shop lighting with CRI >90

//__ High lumen packages up to 4800 lm

//__ Module width of 12.0 mm for thermal conduction and long line lengths

//__ High design freedom, current capacity and longer module lengths are achievable

24 V | >90 | IP20 | 3000 K | RoHS COMPLIANT 2002/95/EC | CE

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BETTER LIGHT

MECHANICAL DATA

Width [mm]	12.0
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)	IP20
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]	41.5
Overall efficiency [lm/W]	116

LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	3000
Colour of light	White
Luminous flux per meter [lm]	4800
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]	3500

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	4250716938111
Article no.	101924
Gross width [mm]	200.0
Gross height [mm]	22.0
Gross length [mm]	200.0
Customs tariff number	94054099
Net width [mm]	12.0
Net height [mm]	1.5
Net length [mm]	20000
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

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