

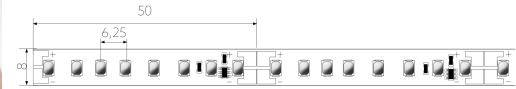
# BL ONE Select High-E 900

**BL ONE Select High-E LED strip 940lm/m 24VDC 5.6W/m IP20 940 5m**

Article no.: 102154



SYMBOLBILD



Lamp voltage



Max. length



Colour rendering index CRI



lm

Luminous flux per meter

## TENDER TEXT

LED strip High Efficiency 940 lm/m 24VDC, 5.6 W/m, 168 lm/W, IP20, CRI>90, 4000K, connection cable 500 mm on both sides, 5 metres LED module BL ONE Select High-E 900 Article 102154 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 High-E 900 LED-strip has a luminous flux of 940 lm at 5.6 W, resulting in an efficiency of 168 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 6000 mm can be achieved. In terms of lighting, the module has a colour temperature of 4000 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 6.25 mm. Degree of protection IP20 Dimension (L x W x H): 5000.0 mm x 8.0 mm x 1.5 mm

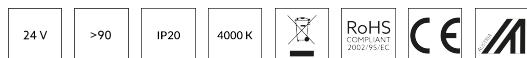
## TOP-FEATURES

//\_\_ Improvement of homogeneity by 20 additional LEDs per meter

//\_\_ Wide choice of light colors and lumen packages

//\_\_ Wide range of applications for linear lighting in white

//\_\_ With a maximum module length of up to 6000 mm long, linear lighting lines can be implemented



# BL ONE Select High-E 900

**BL ONE Select High-E LED strip 940lm/m 24VDC 5.6W/m IP20 940 5m**

Article no.: 102154



## MECHANICAL DATA

Width [mm]	8.0
Length [mm]	5000.0
Height/depth [mm]	1.5
Height [mm]	1.5
Colour	White
Model	Band
Self-adhesive	yes
Lamp type	LED nicht austauschbar
Distance [mm]	6.25
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	160

## ELECTRICAL DATA

Protection class	III
Voltage type	DC
Lamp voltage [V]	24
Input voltage range [V]	23 - 25
Lamp power per meter [W]	5.6
Overall efficiency [lm/W]	168

## LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	4000
Colour of light	White
Luminous flux per meter [lm]	940
Energy efficiency class provided exchangeable built-in lamp	D
Colour consistency (McAdam ellipse)	SDCM3

## CONNECTION

Conductor cross section [mm <sup>2</sup> ]	0.5
Number of poles	2
Max. length [mm]	6000

## TEMPERATURE TECHNICAL DATA

Ambient/storage temperature [°C]	- 5 ... + 55
Operation temperature at T <sub>c</sub> [°C]	- 5 ... + 60

# BL ONE Select High-E 900

**BL ONE Select High-E LED strip 940lm/m 24VDC 5.6W/m IP20 940 5m**

Article no.: 102154



Ambient temperature during operating [°C]	- 20 ... + 45
Rated life time L80/B10 at 25 °C [h]	60000

## PACKAGING INFORMATION

EAN	4250716945706
Article no.	102154
Net weight [g]	50
Gross weight [g]	175
Gross width [mm]	200.0
Gross height [mm]	18.0
Gross length [mm]	200.0
Customs tariff number	85395100
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. 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](http://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](http://www.better-light.at)