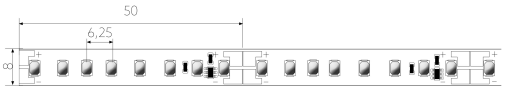
# BL ONE Select High-E 900

**BL ONE Select High-E LED strip 880lm/m 24VDC 5.6W/m IP20 927 5m**
Article no.: 102152




| 24 V | 6000 mm | >90 | 880 lm |
|---|---|---|---|
| Lamp voltage | Max. length | Colour rendering index CRI | Luminous flux per meter |

## TENDER TEXT

LED strip High Efficiency 880 lm/m 24VDC, 5.6 W/m, 157 lm/W, IP20, CRI>90, 2700K, connection cable 500 mm on both sides, 5 metres LED module BL ONE Select High-E 900 Article 102152 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 880 lm at 5.6 W, resulting in an efficiency of 157 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 2700 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

24 V | >90 | IP20 | 2700 K | RoHS COMPLIANT 2002/95/EC | CE

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BETTER LIGHT

## 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 |
| Imput voltage range [V] | 23 - 25 |
| Lamp power per meter [W] | 5.6 |
| Overall efficiency [lm/W] | 157 |

## LIGHT TECHNICAL DATA

| | |
|---|---|
| Beam angle [°] | 120 |
| Colour rendering index CRI | >90 |
| Colour temperature [K] | 2700 |
| Colour of light | White |
| Luminous flux per meter [lm] | 880 |
| Energy efficiency class provided exchangeable built-in lamp | D |
| Colour consistency (McAdam ellipse) | SDCM3 |

## CONNECTION

| | |
|---|---|
| Conductor cross section [mm²] | 0.5 |
| Number of poles | 2 |
| Max. length [mm] | 6000 |

## TEMPERATURE TECHNICAL DATA

| | |
|---|---|
| Ambient/storage temperature [°C] | - 5 ... + 55 |
| Operation temperature at Tc [°C] | - 5 ... + 60 |

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

## PACKAGING INFORMATION

| | |
|---|---|
| EAN | 4250716945669 |
| Article no. | 102152 |
| 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

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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