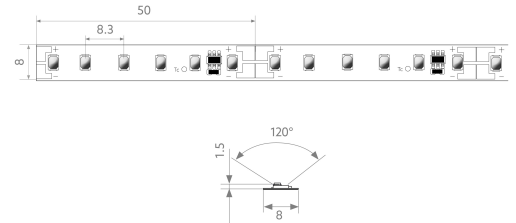
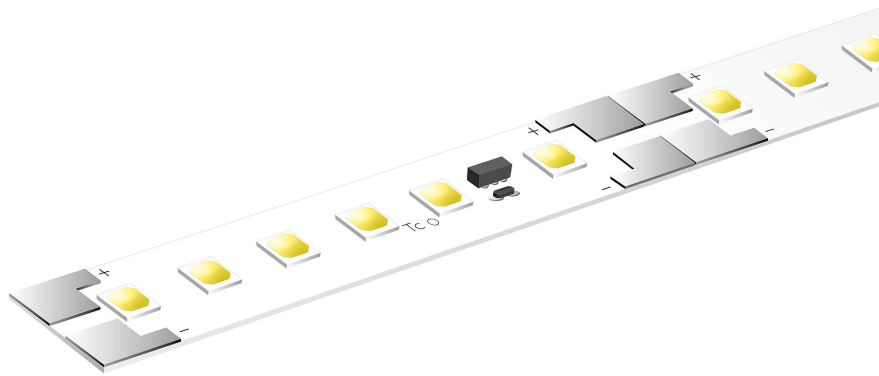


# BLONE 900 >90

BLONE0900024DC09600922000W05

Article no.: 100700



Lamp voltage



Max. length



Colour rendering index CRI



Luminous flux per meter

## TENDER TEXT

BILTONONE 900 LED strip 24V DC 9,6W/m IP00 CRI>90 2200K WHITE 5m LED module BLONE 900 >90 Article 100700 Linear LED light strip on a flexible circuit board. Installation using self-adhesive heat-conducting adhesive tape. Dimmable using BILTON LED dimmer. Suitable for ambient temperatures from -20 ... +45 °C at a service life of 60000 h . The BLONE 900 >90 LED-strip has a luminous flux of 780 lm at 9.6 W, resulting in an efficiency of 81 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 8000 mm can be achieved. In terms of lighting, the module has a colour temperature of 2200 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 8.3 mm. Degree of protection IP00 Dimension (L x W x H): 5000.0 mm x 8.0 mm x 1.5 mm

## TOP-FEATURES

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

//\_ Highly flexible LED

D light strip for general lighting tasks

With a maximum module length of up to 8000 mm, linear lighting lines can be implemented



# BLONE 900 >90

BLONE0900024DC09600922000W05

Article no.: 100700



## 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]	8.3
Degree of protection (IP)	IP00
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	120

## ELECTRICAL DATA

Protection class	ohne
Voltage type	DC
Lamp voltage [V]	24
Input voltage range [V]	23 - 25
Lamp power per meter [W]	9.6
Overall efficiency [lm/W]	81

## LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	2200
Luminous flux per meter [lm]	780
Energy efficiency class provided exchangeable built-in lamp	A +
Colour consistency (McAdam ellipse)	SDCM3

## CONNECTION

Conductor cross section [mm <sup>2</sup> ]	0.5
Number of poles	2
Max. length [mm]	8000

## TEMPERATURE TECHNICAL DATA

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

# BLONE 900 >90

**BLONE0900024DC09600922000W05**

Article no.: 100700



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

## PACKAGING INFORMATION

Article no.	100700
Net weight [g]	49
Gross weight [g]	175
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]	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 %.

## NECESSARY ACCESSORIES

Article	Article no.
<b>Feeder 2-pole 500mm</b>	<b>170152</b>
<b>Feeder 2-pole 2000mm</b>	<b>170153</b>
<b>BILTON DRIVE 100W</b>	<b>170806</b>
<b>BILTON DRIVE 60W</b>	<b>170807</b>

**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)