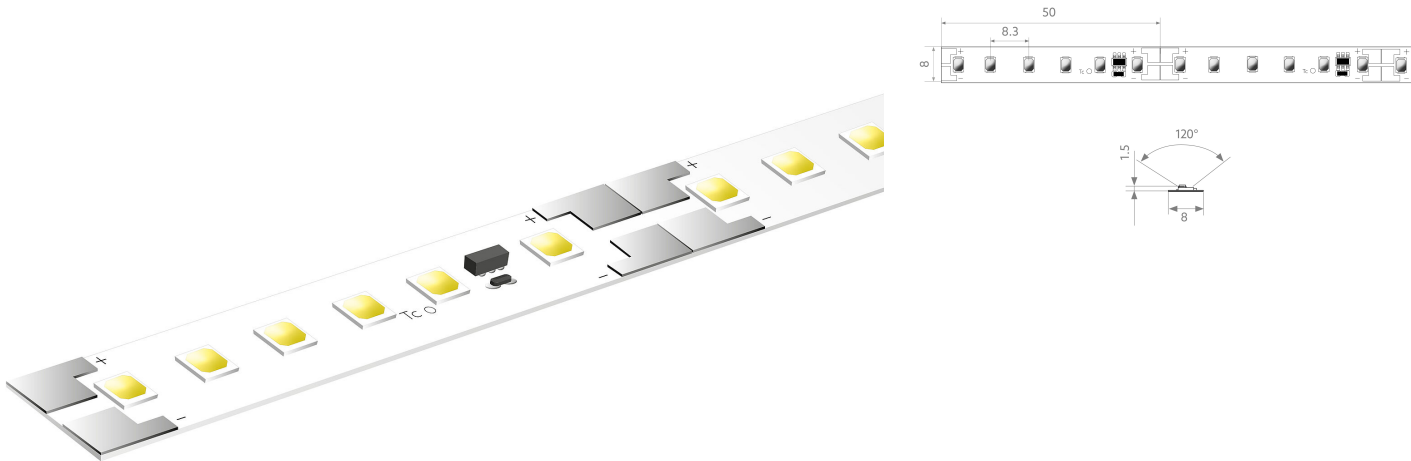


# BLONE 900 >90

BLONE0900024DC09600930000W20

Article no.: 100715



Lamp voltage



Max. length



Colour rendering index CRI



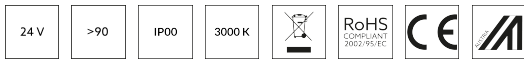
Luminous flux per meter

## TENDER TEXT

BILTONONE 900 LED strip 24V DC 9,6W/m IP00 CRI>90 3000K WHITE 20m LED module BLONE 900 >90 Article 100715 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 900 lm at 9.6 W, resulting in an efficiency of 95 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 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 8.3 mm. Degree of protection IP00 Dimension (L x W x H): 20000.0 mm x 8.0 mm x 1.5 mm

## TOP-FEATURES

- //\_\_ Wide range of applications for linear lighting in white
- //\_\_ Highly flexible LED light strip for general lighting tasks
- §With a maximum module length of up to 8000mm, linear lighting lines can be implemented



# BLONE 900 >90

BLONE0900024DC09600930000W20

Article no.: 100715



## 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]	8.3
Degree of protection (IP)	IP00
Length of particular segments [mm]	50.0
Lowest bending radius [mm]	20
With connection set	nein
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]	95

## LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	3000
Luminous flux per meter [lm]	900
Energy efficiency class provided exchangeable built-in lamp	A +
Colour consistency (McAdam ellipse)	SDCM3

## CONNECTION

Conductor cross section [mm²]	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

**BLONE0900024DC09600930000W20**

Article no.: 100715



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

## PACKAGING INFORMATION

Article no.	100715
Net weight [g]	199
Gross weight [g]	319
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

\* 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.
Feeder 2-pole 500mm	170152
Feeder 2-pole 2000mm	170153
BILTON DRIVE 100W	170806
BILTON DRIVE 60W	170807

**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)