## BLOPL 900 >90

#### BLOPL0900024DC065X6965000W20

Article no.: 102031

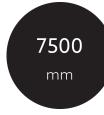








Lamp voltage



Max. length



Colour rendering index CRI Luminous flux per meter

### **TENDER TEXT**

BL ONE+ 900 LED strip 24VDC 6,5W/m IPX6 CRI>90 6500K WHITE 20m LED module BLOPL 900 >90 Article 102031 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 BLOPL 900 >90 LED-strip has a luminous flux of 925 lm at 6.5 W, resulting in an efficiency of 142 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 7500 mm can be achieved. In terms of lighting, the module has a colour temperature of 6500 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 IPX6 Dimension (L x W x H): 20000.0 mm x 8.0 mm x 1.5 mm

#### **TOP-FEATURES**

- //\_\_ Best light quality for shop lighting with CRI >90
- //\_ Improvement of homogeneity by 20 additional LEDs per meter

925

lm

- //\_\_ Wide choice of light colors and lumen packages
- //\_ With a maximum module length of up to 7500 mm long, linear lighting lines can be implemented

















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### MECHANICAL DATA

8.0
20000.0
1.5
1.5
White
Band
yes
LED nicht austauschbar
6.25
LED zu LED
IPX6
50.0
20
yes
nein
160

## **ELECTRICAL DATA**

Protection class	III
Voltage type	DC
Lamp voltage [V]	24
Imput voltage range [V]	23 - 25
Lamp power per meter [W]	6.5
Overall efficiency [lm/W]	142

## LIGHT TECHNICAL DATA

Beam angle [°]	120
Colour rendering index CRI	>90
Colour temperature [K]	6500
Colour of light	White
Luminous flux per meter [lm]	925
Energy efficiency class provided exchangeable built-in lamp	E
Colour consistency (McAdam ellipse)	SDCM3

## CONNECTION

Conductor cross section [mm²]	0.5
Number of poles	2
Max. length [mm]	7500

## TEMPERATURE TECHNICAL DATA

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Ambient/storage temperature [°C]	0 + 60
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	4250716939309
Article no.	102031
Net weight [g]	204.8
Gross weight [g]	328.6
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

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