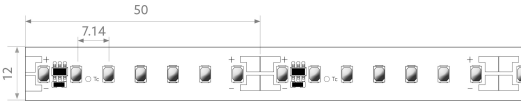
BLOXL 5000 >90

BLOXL5000024DC41520927000W20

Article no.: 101922





24 V — Lamp voltage

4600 lm — Luminous flux per meter

3500.0 mm — Max. length

>90 — Colour rendering index CRI

TENDER TEXT

BL ONE XL 5000 LED strip 24VDC 41,5W/m IP20 CRI>90 2700K WHITE 20m LED module BLOXL 5000 >90 Article 101922 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 BLOXL 5000 >90 LED-strip has a luminous flux of 4600 lm at 41.5 W, resulting in an efficiency of 111 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 3500.0 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 7.14 mm. Degree of protection IP20 Dimension (L x W x H): 20000.0 mm x 12.0 mm x 1.5 mm

TOP-FEATURES

//__ Best light quality for shop lighting with CRI >90

//__ High lumen packages up to 4600 lm

//__ Module width of 12.0 mm for thermal conduction and long line lengths

//__ High design freedom, current capacity and longer module lengths are achievable

//__ UL certification available

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

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BILTON
FOCUSED ON LINEAR LIGHT

MECHANICAL DATA

Net width [mm]	12.0
Net height [mm]	1.5
Net length [mm]	20000.0
Degree of protection (IP)	IP20
Colour	White
Distance [mm]	7.14
Distance relating to	LED to LED
Length of particular segments [mm]	50.0

ELECTRICAL DATA

Overall efficiency [lm/W]	111
Lamp power per meter [W]	41.5
Lamp voltage [V]	24
Imput voltage range [V]	23 - 25
Voltage type	DC
Protection class	III

LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	4600
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>90
Colour temperature [K]	2700
Energy efficiency class provided exchangeable built-in lamp	F

CONNECTION

Number of poles	2
Conductor cross section [mm²]	0.50
Max. length [mm]	3500.0

TEMPERATURE TECHNICAL DATA

Rated life time L80/B10 at 25 °C [h]	60000
Ambient temperature during operating [°C]	- 20 ... + 45
Ambient/storage temperature [°C]	- 5 ... + 55
Operation temperature at Tc [°C]	- 5 ... + 60

PACKAGING INFORMATION

EAN	4250716938098
Article no.	101922

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BLOXL 5000 >90

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Customs tariff number	94054099
Length [mm]	20000.0
Gross height [mm]	22.0
Gross width [mm]	200.0
Gross length [mm]	200.0
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.biltongroup.com

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.biltongroup.com

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