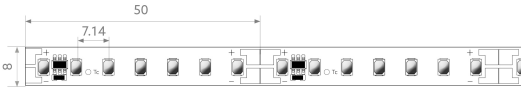
BLO19 3000 >90

BLO193000024DC31720965000W05

Article no.: 101770

BILTON
FOCUSED ON LINEAR LIGHT





24 V — Lamp voltage

3190 lm — Luminous flux per meter

3000.0 mm — Max. length

>90 — Colour rendering index CRI

TENDER TEXT

BILTONONE 3000 LED strip 24VDC 31,7W/m IP20 CRI>90 6500K WHITE 5m LED module BLO19 3000 >90 Article 101770 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 BLO19 3000 >90 LED-strip has a luminous flux of 3190 lm at 31.7 W, resulting in an efficiency of 101 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 3000.0 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 7.14 mm. Degree of protection IP20 Dimension (L x W x H): 5000.0 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

//__ Wide choice of light colors and lumen packages

//__ With a maximum module length of up to 3000.0 mm long, linear lighting lines can be implemented

24 V | >90 | IP20 | 6500 K | RoHS COMPLIANT 2002/95/EC | CE

Version: 20240329 // Errors and printing errors are reserved.
© BILTON International GmbH, Gewerbepark Harham 2, 5760 Saalfelden, Austria // Phone: +43 6582 71164 // Mail: office@biltongroup.com // www.biltongroup.com

BLO19 3000 >90

BLO193000024DC31720965000W05
Article no.: 101770

BILTON
FOCUSED ON LINEAR LIGHT

MECHANICAL DATA

Net width [mm]	8.0
Net height [mm]	1.5
Net length [mm]	5000.0
Degree of protection (IP)	IP20
Colour	White
Net weight [g]	49
Distance [mm]	7.14
Distance relating to	LED to LED
Length of particular segments [mm]	50.0

ELECTRICAL DATA

Overall efficiency [lm/W]	101
Lamp power per meter [W]	31.7
Lamp voltage [V]	24
Imput voltage range [V]	23 - 25
Voltage type	DC
Protection class	III

LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	3190
Beam angle [°]	120
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>90
Colour temperature [K]	6500
Energy efficiency class provided exchangeable built-in lamp	F

CONNECTION

Number of poles	2
Conductor cross section [mm²]	0.50
Max. length [mm]	3000.0

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	4250716935257

© BILTON International GmbH, Gewerbepark Harham 2, 5760 Saalfelden, Austria // Phone: +43 6582 71164 // Mail: office@biltongroup.com // www.biltongroup.com

BLO19 3000 >90

BLO193000024DC31720965000W05

Article no.: 101770

Article no.	101770
Customs tariff number	94054099
Length [mm]	5000.0
Gross weight [g]	175.0
Gross height [mm]	18.0
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

© BILTON International GmbH, Gewerbepark Harham 2, 5760 Saalfelden, Austria // Phone: +43 6582 71164 // Mail: office@biltongroup.com // www.biltongroup.com