



24
V

Lamp voltage

1000
lm

Luminous flux per meter

5000.0
mm

Max. length

>90

Colour rendering index CRI

TENDER TEXT

round neon, 14.4W/M, DC24, 3000K CRI>90, 1000lm/m, IP65, with 200cm cable on one end, size: 5000xf18mm, 5m/roll LED module BILTON NNR18 Article 171227 Linear LED light strip on a flexible circuit board. Installation using appropriate mounting accessories in conjunction with Plug-&-Play connection system. Dimmable using BILTON LEDON Technology LED dimmer. Suitable for ambient temperatures from -20 ... +55 °C at a service life of 36000 h . The BILTON NNR18 LED-strip has a luminous flux of 1000 lm at 14.4 W, resulting in an efficiency of 69 lm/W. At a nominal voltage of 24 V DC on the connection, a maximum module length of 5000.0 mm can be achieved. In terms of lighting, the module has a colour temperature of 3000 K and a beam angle of 360°. All this with a colour rendering index of >90 and a Binning selection based on SDCM3 (MacAdams). The light strip can be separated every 1.0 mm, resulting in a LED distance of . Degree of protection IP65 Dimension (L x W x H): 5000.0 mm x 18.0 mm x

TOP-FEATURES

- //__ Homogeneously illuminated light line with no visible light points
- //__ IP65 protection in highly flexible silicone jacket
- //__ Unlimited freedom of design (flexibly deformable and separable)

24 V

>90

IP65

3000 K

MECHANICAL DATA

Net width [mm]	18.0
Net height [mm]	18.0
Net length [mm]	5000.0
Degree of protection (IP)	IP65
Net weight [g]	685
Length of particular segments [mm]	1.0

ELECTRICAL DATA

Overall efficiency [lm/W]	69
Lamp power per meter [W]	14.4
Lamp voltage [V]	24
Voltage type	DC
Protection class	III

LIGHT TECHNICAL DATA

Luminous flux per meter [lm]	1000
Beam angle [°]	360
Colour consistency (McAdam ellipse)	SDCM3
Colour rendering index CRI	>90
Colour temperature [K]	3000

CONNECTION

Number of poles	2
Conductor cross section [mm²]	0.50
Max. length [mm]	5000.0

TEMPERATURE TECHNICAL DATA

Rated life time L80/B50 at 25 °C [h]	36000
Ambient temperature during operating [°C]	- 20 ... + 55
Ambient/storage temperature [°C]	0 ... + 60

PACKAGING INFORMATION

EAN	4250716942330
Article no.	171227
Customs tariff number	94054231
Length [mm]	5000.0
Gross weight [g]	685.0
State of origin	CN

BILTON NNR18

NNR181000024DC14465930000W05

Article no.: 171227



* 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