Constant Current Silicone Super Long Neon Flex LED Strip - Side View

Product Images

https://timage.co.uk/marine/constant-current-silicone-super-long-neon-flex-led-strip-side-view.html

17/04/2024
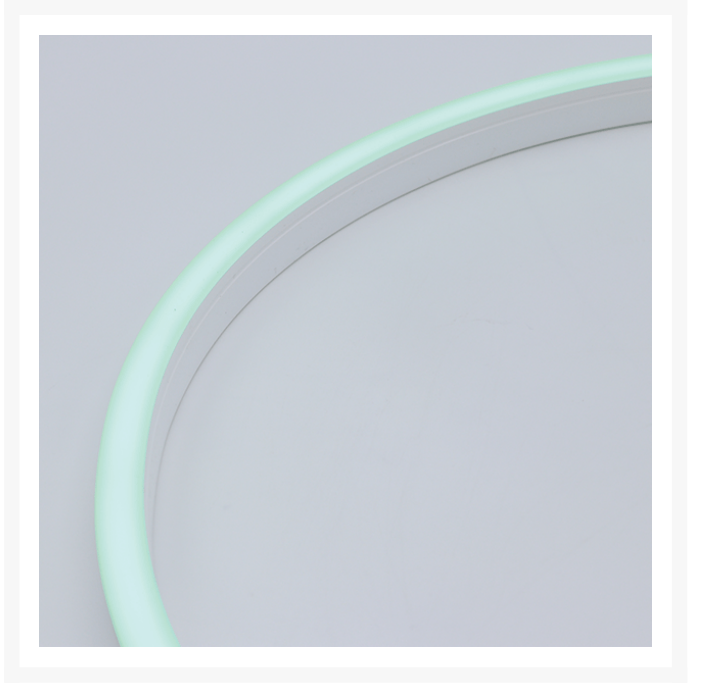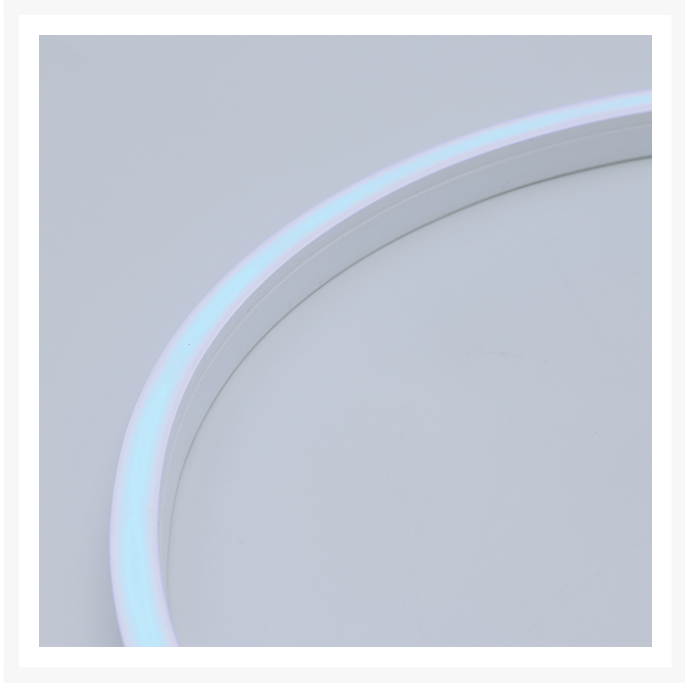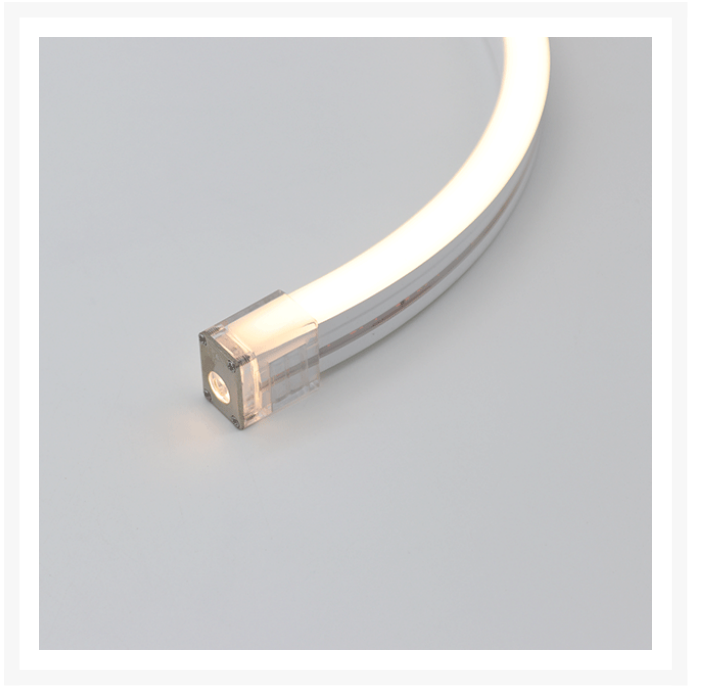
Short Description

Super long neon effect LED strip light with single colour output. Compact design with only 12mm x 20mm housing.

- IP67 rated casing with IP67 connectors and end caps
- Long lengths of up to 14 metres can be powered from a single end
- High quality silicone housing offers excellent anti-yellowing characteristics. The material is also non-corrosive and has a high acid resistance
- Uniform neon light output
- 120° beam output
- White in choice of 3000°K, 4000°K, 5000°K or 6000°K
- Available in static colours such as blue, red, green, yellow
- 2 year warranty
- Dimmable with Dali, DMX, PWM
- Top view light output - flex in the same direction of light
- Custom made to order in specified lengths

Description

THE PROFILE

Our neon effect LED strip is the perfect solution for interior or exterior application where a high level of waterproofing is required. The IP67 rating of the product means that it can be installed in wet locations and is suitable for exterior use. The product has a high resistance to dust ingress and offers a strong resistance

against solvents, saltwater and UV light.

The side view product is flexible on a perpendicular axis to the lens which means that it can be installed in applications where it must follow a certain radius as well as in straight lengths.
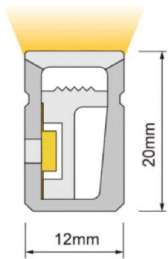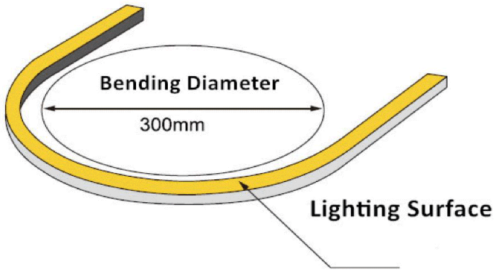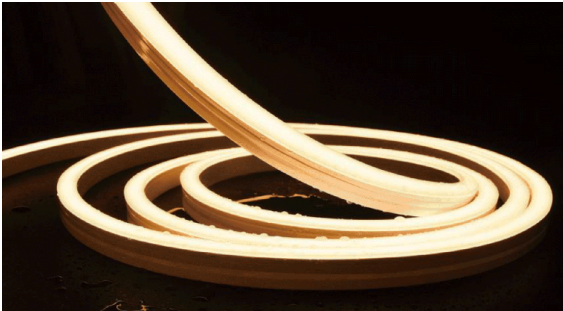
Specification

The super long neon flex top view product is available in a large number of colour temperatures and power outputs. The table below shows the variations available.

Colour Temperature (K)	Cutting Unit (mm)	CRI	Power (W)	Lumen (Lm/m)	Effiency (Lm/W)	Max Length (m) -Powered both ends
2100 +/- 100	50	>90	5 10 15	150 270 375	30 27 25	28 18 15
2400 +/- 100	50	>90	5 10 15	145 275 360	29 27.5 24	28 18 15
2700 +/- 100	50	>90	5 10 15	150 270 375	30 27 25	28 18 15
3000 +/- 100	50	>90	5 10 15	145 270 360	29 27 24	28 18 15
3500 + 200 / -100	50	>90	5 10 15	160 315 430	32 31.5 28.6	28 18 15
4000 + 300 / -200	50	>90	5 10 15	165 320 445	51.5 32 29.6	28 18 15
5000 + 300 / -200	50	>90	5 10 15	170 325 445	34 32.5 29.6	28 18 15
6000 + 400 / -100	50	>90	5 10 15	155 310 440	31 31 29.3	28 18 15
RED	50		5 10 15	72 130 185	14.4 13 12	18 24 35

Static colours and RGB versions are also available

COLOUR TEMPERATURE

The neon LED strip is available in a number of colour temperatures to suit any project along side a choice of static colours. Colour temperature is important as it greatly affects the ambience of a space depending on whether a warmer or cooler output is chosen. Colour temperature is recorded in Kelvin. The higher the Kelvin, the cooler the output. Our useful colour temperature chart below will help guide you.

CONNECTORS

Both injection moulded and DIY plastic end connectors are available for this type of neon flex strip light. The product can be supplied with a straight end connection, bottom connection or side connection, all with an IP67 rating.
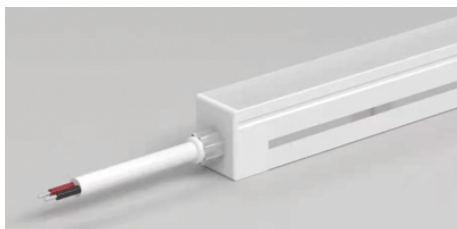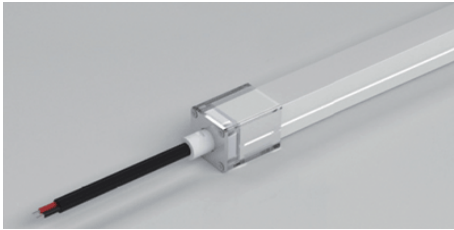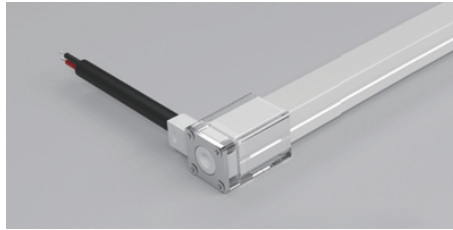

Injection-moulded end connection

Injection-moulded side connection

Injection-moulded bottom connection

DIY screw fit end connection

DIY screw fit side connection

DIY screw fit bottom connection

INSTALLATION

The neon top view product can be quickly and simply installed using one of the compatible aluminium mounting tracks or clips. With a self-locking design, the extrusion can be screwed into position and then the strip LED is simply pushed into place.

Standard self-locking U channel - anodised aluminium - 50mm or 1m lengths

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Additional Information

Weight (kg)	0.120000
Light Element Type	SMD LED
Material	Silicone
Lens Angle	120°
Width (mm)	11.00
Height (mm)	20.00
Input Voltage	24Vdc
IP Rating	IP67
Dimmer	Yes
LEDs Per Metre	168
CRI	>90
Cutting Intervals (mm)	50.00
Lumens Per Watt (Lm)	28.00 (average)
Luminous Flux (lm/M)	150 - 445
Operating Temperature Range (°C)	-25 - +45
Strip LED Type	Flexible Neon

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