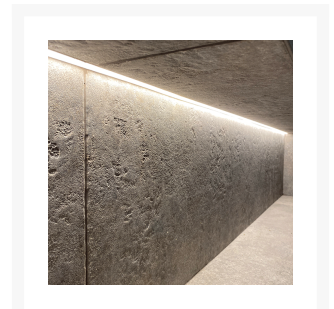
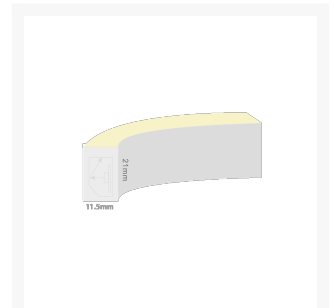
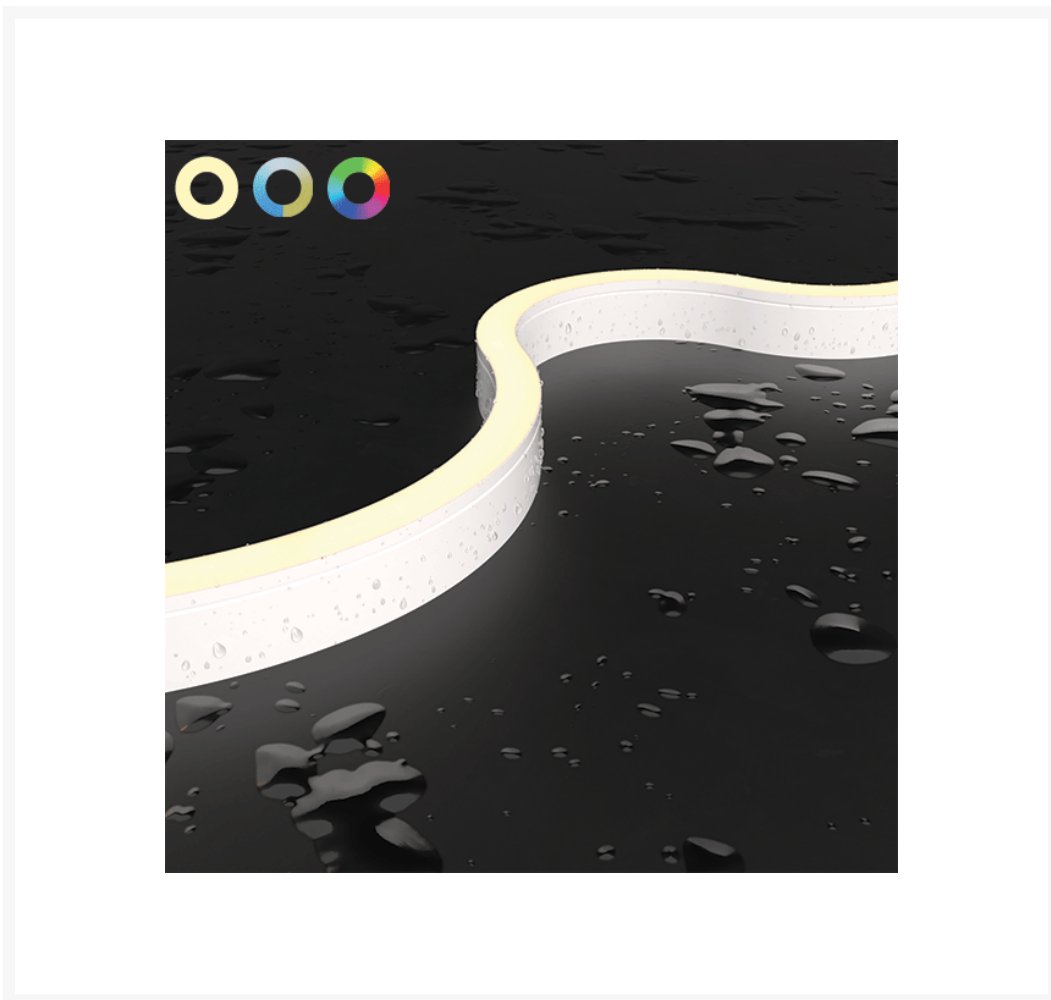




PVC Neon Flex LED Strip - Side View 11.5mm x 21mm

Product Images





Short Description

Neon effect LED strip light with single colour output.

- IP68 underwater rated casing with IP68 injection moulded connectors and end caps
- Underwater rated to a maximum installation depth of 1.50m
- Chlorine and bromine safe - suitable for swimming pool use
- Uniform neon light output
- 120° beam output
- White in choice of temperatures from 2200°K-6000°K
- Constant voltage (standard) and constant current versions available
- Available in various Watts / m outputs

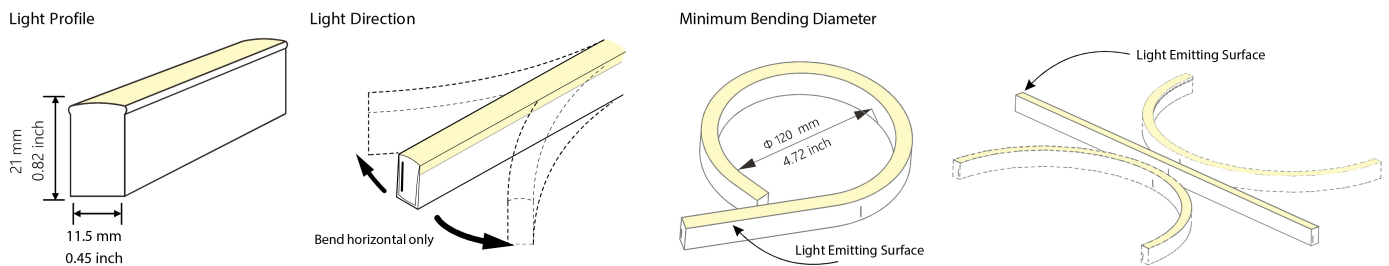
- Available in static colours such as blue, red, green, yellow, amber and more
- Available in colour change options such as RGB, RGBW, pixel RGB and dynamic white
- 3 year warranty
- Dimmable with Dali, DMX, PWM
- Side view light output - perpendicular flex to direction of light
- Custom made to order in specified lengths

Description

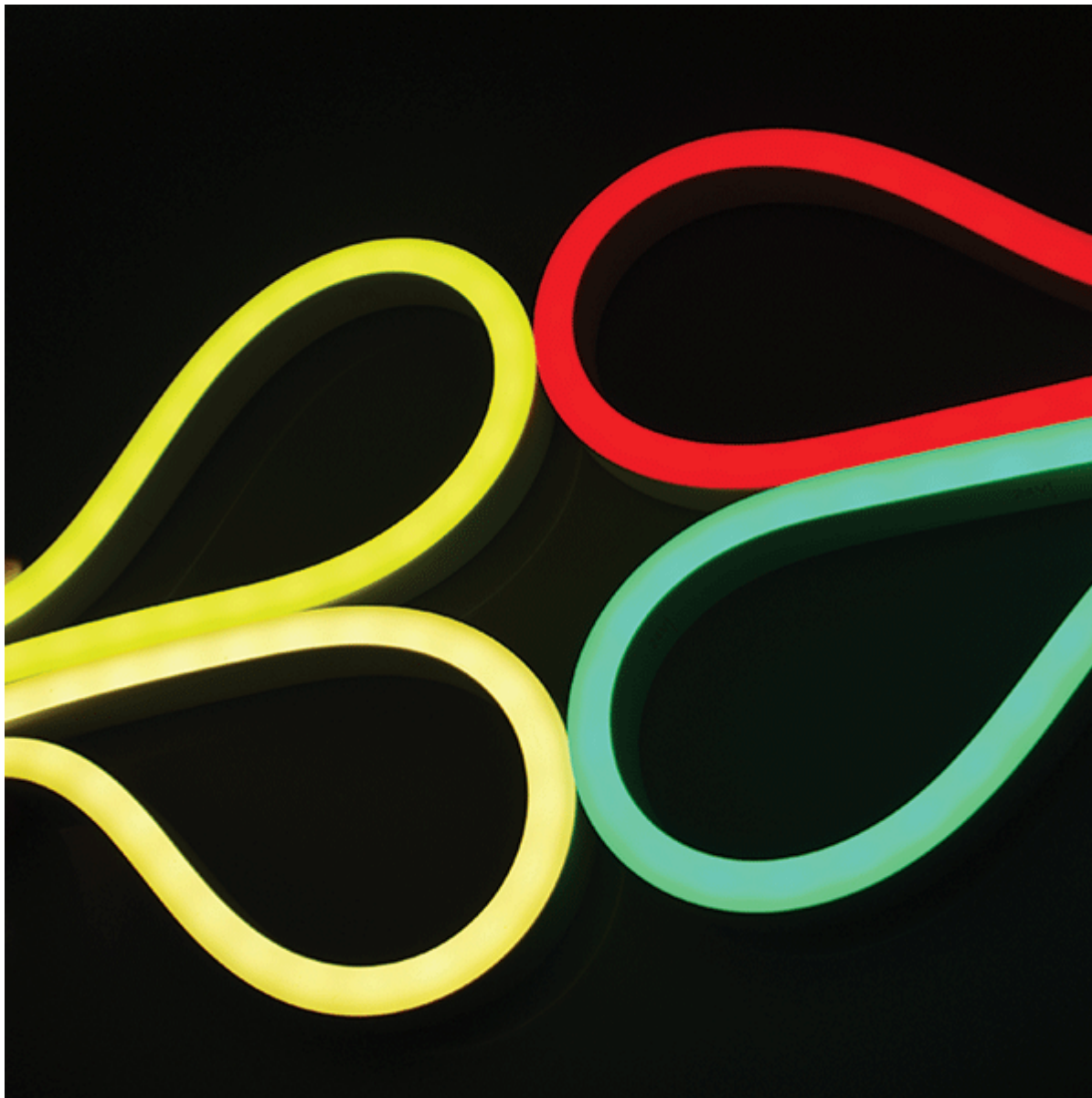
The Profile

Our neon effect LED strip is the perfect solution for interior or exterior application where a high level of waterproofing is required. The IP68 rating of the product means that it can even be installed underwater and is safe for swimming pool application. The product is entirely resistant to dust ingress and offers a high level of durability against solvents, saltwater and UV light.

The side view product is flexible in a perpendicular direction 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.





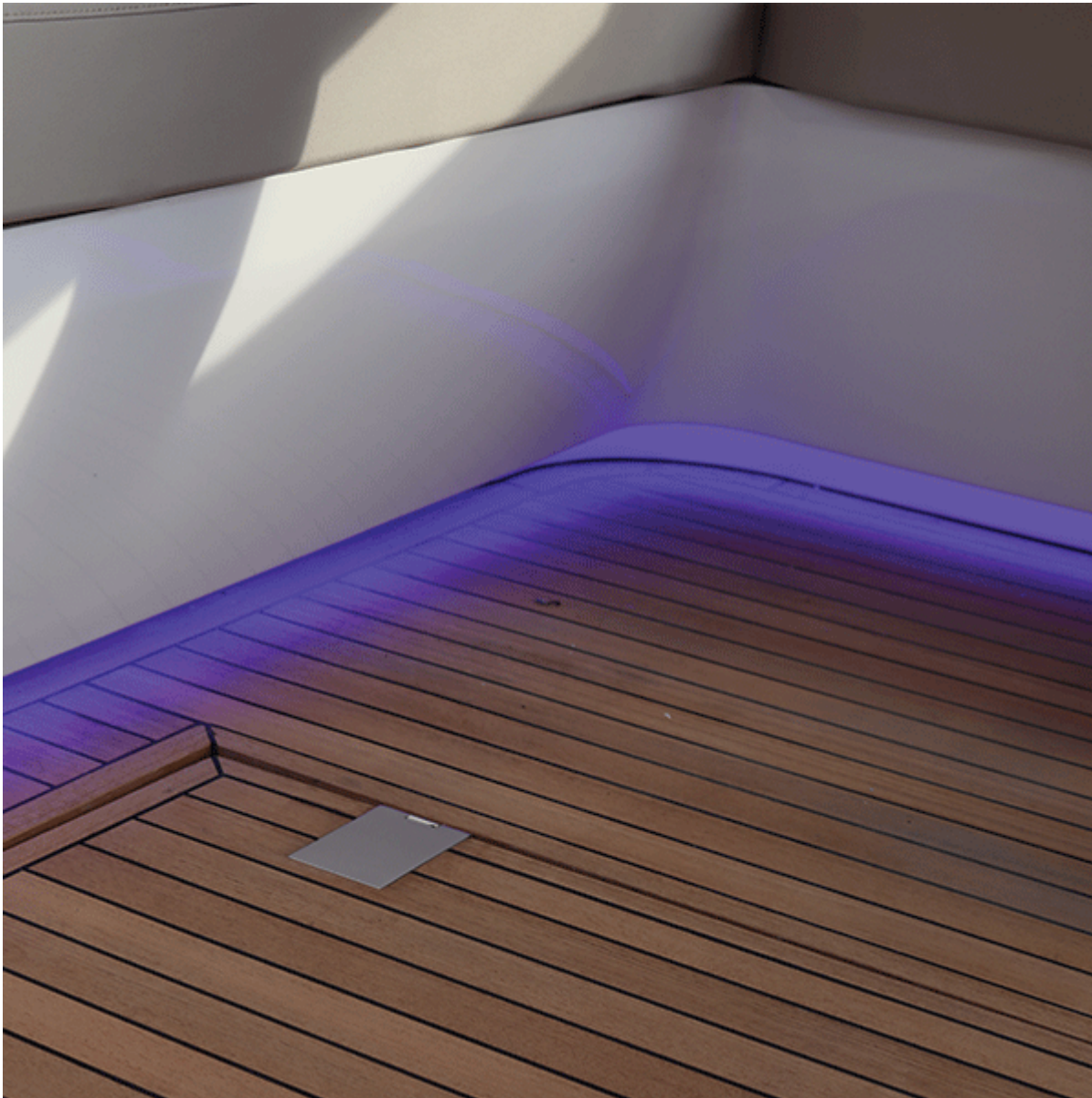


Specification

11.5x21mm Top View Neon Flex PVC construction IP68 Dimmable 12Vdc available on request* Constant current version also available

Code	CCT	CRI	LM/m	Watt/M	Cut Unit	Min. Bend Radius	Max. Length	Voltage	Type
NFSCV.12.24V.2200	2000-2200	>90	270	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.12.24V.2400	2300-2500	>90	275	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.12.24V.2700	2600-2800	>90	320	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.12.24V.3000	2900-3100	>90	300	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.12.24V.3500	3400-3700	>90	300	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.12.24V.4000	3800-4300	>90	350	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.12.24V.5000	4800-5300	>90	350	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.12.24V.6000	5900-6400	>90	350	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.12.24V.R	RED		140	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.12.24V.G	GREEN		410	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.12.24V.B	BLUE		62	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.12.24V.Y	YELLOW		115	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.12.24V.P	PINK		135	12	100mm	60mm	10m Single Power Input	24Vdc	CV
NFSCV.13.24V.RGB	RGB		150	12	100mm	60mm	8m Single Power Input	24Vdc	CV
NFSCV.15.24V.XRGB	RGBW PIXEL			15	100mm (7 LED)	60mm	8m Single Power Input	24Vdc	CV
NFSCV.17.24V.RGBW	RGBW			17	100mm	60mm	8m Single Power Input	24Vdc	CV
NFSCV.17.24V.CCT	2200-5700			17	100mm	60mm	8m Single Power Input	24Vdc	CV



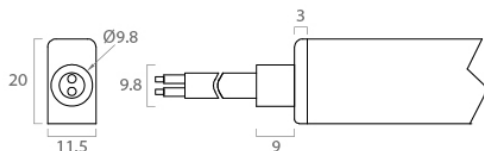


Connector Types

Straight

Our standard end connector features a straight connection, directly into the end of the strip LED. This connector is supplied with 600mm of cable as standard and is IP68 rated. The opposite end is a simple injection moulded end cap.

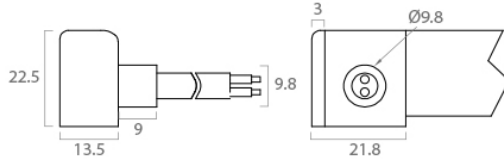
When powering lengths that are greater than 10m, a double end connector of this type can be specified to allow a connection at both ends of the product. This avoids any voltage drop and ensures that the strip performs perfectly along the entire length (up to 20m).



Right or Left

One option is to have the connection made on either the right or left hand side (right hand side pictured). This connector is supplied with 600mm of cable and is IP68 rated. The opposite end is a simple injection moulded end cap.

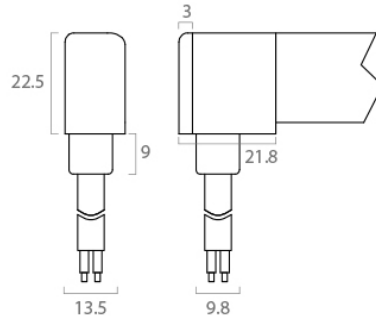
When powering lengths that are greater than 10m, a double end connector of this type can be specified to allow a connection at both ends of the product. This avoids any voltage drop and ensures that the strip performs perfectly along the entire length (up to 20m).



Bottom

This connector type emerges from the underside of the strip LED. This is ideal for applications where the end of the strip is visible and the power source is behind the strip. This connector is supplied with 600mm of cable and is IP68 rated. The opposite end is a simple injection moulded end cap.

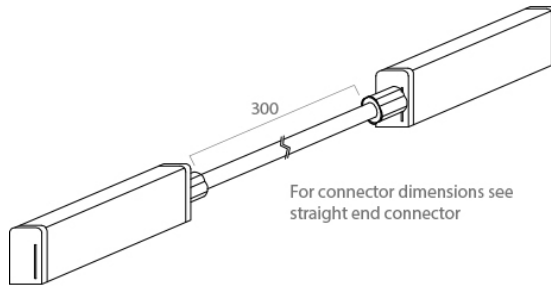
When powering lengths that are greater than 10m, a double end connector of this type can be specified to allow a connection at both ends of the product. This avoids any voltage drop and ensures that the strip performs perfectly along the entire length (up to 20m).



Jump

A jump connector allows two strip lengths to be connected to one another and keep an IP68 rating. This connector is supplied with 300mm of cable.

The opposite end is a simple injection moulded end cap. Multiples of this connection type are possible when connecting more than two lengths together. The total length of the strips and cable must not exceed 20m if powered from both ends.



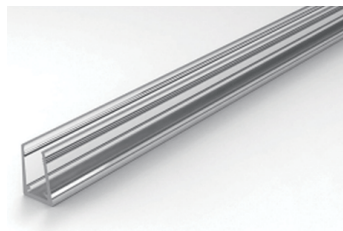
Accessories



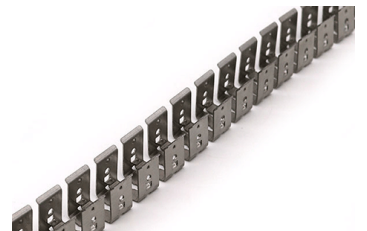
Aluminium U channel in 1 metre lengths or 50mm clips



Stainless steel 50mm clips



Transparent plastic channel in 1 metre lengths



Stainless steel flexible U channel in 1 metre lengths

Code	Description	Code	Description
NFS.IM.S1.600	Injection moulded IP68 side connector for single colour PVC 16.5x16.5mm top view - 600mm cable	NFS.IM.E2.600	Injection moulded IP68 end connector for CCT PVC 16.5x16.5mm top view - 600mm cable
NFS.IM.B1.600	Injection moulded IP68 bottom connector for single colour PVC 16.5x16.5mm top view - 600mm cable	NFS.E1A.600	DIY IP67 end connector for single colour PVC 16.5x16.5mm top view - 600mm cable
NFS.IM.E1.600	Injection moulded IP68 end connector for single colour PVC 16.5x16.5mm top view - 600mm cable	NFS.E2A.600	DIY IP67 end connector for CCT PVC 16.5x16.5mm top view - 600mm cable
NFS.IM.S3.600	Injection moulded IP68 side connector for RGB PVC 16.5x16.5mm top view - 600mm cable	NFS.E3A.600	DIY IP67 end connector for RGB PVC 16.5x16.5mm top view - 600mm cable
NFS.IM.B3.600	Injection moulded IP68 bottom connector for RGB PVC 16.5x16.5mm top view - 600mm cable	NFS.EC1A	DIY IP67 end cap for PVC 16.5x16.5mm top view
NFS.IM.E3.600	Injection moulded IP68 end connector for RGB PVC 16.5x16.5mm top view - 600mm cable	NFS.UA1	Aluminium 1m U mounting channel for 16.5x16.5mm PVC top view
NFS.IM.S4.600	Injection moulded IP68 side connector for RGBW PVC 16.5x16.5mm top view - 600mm cable	NFS.UP1	Transparent plastic 1m U mounting channel for 16.5x16.5mm PVC top view
NFS.IM.B4.600	Injection moulded IP68 bottom connector for RGBW PVC 16.5x16.5mm top view - 600mm cable	NFS.UAC	Aluminium U mounting clip for 16x15mm top view
NFS.IM.E4.600	Injection moulded IP68 end connector for RGBW PVC 16.5x16.5mm top view - 600mm cable	NFS.USC	Stainless steel mounting U clip for 11.5x21mm PVC side view
NFS.IM.S2.600	Injection moulded IP68 side connector for CCT PVC 16.5x16.5mm top view - 600mm cable	NFS.UFLEX	Stainless steel flexible mounting U channel for 11.5x21mm PVC side view
NFS.IM.B2.600	Injection moulded IP68 bottom connector for CCT PVC 16.5x16.5mm top view - 600mm cable		

Use of the IP68 type injection moulded end connectors makes product IP68 rated and safe for use in swimming pool installations. Maximum installation depth is 1.5m. Custom cable lengths over 600mm available on request.





Additional Information

Weight (kg)	0.375000
Light Element Type	SMD LED 12W/m
Material	PVC
Lens Angle	120°
Width (mm)	11.50
Height (mm)	21.00
Wattage	12 W / Metre
IP Rating	IP68
Dimmer	Yes
LEDs Per Metre	60
CRI	>80
Cutting Intervals (mm)	100.00
Lumens Per Watt (Lm)	31.26
Lumens	375.10
Operating Temperature Range (°C)	-25° - +45°C
Strip LED Type	Flexible Neon

