



NEON-FLEX-SB-SERIES

Side Bend LED Neon Flex

ILLUMINATE YOUR VISION WITH HIGH-PERFORMANCE LED STRIP LIGHTING — A VERSATILE SOLUTION THAT UNLOCKS A WORLD OF CREATIVE LIGHTING POSSIBILITIES.

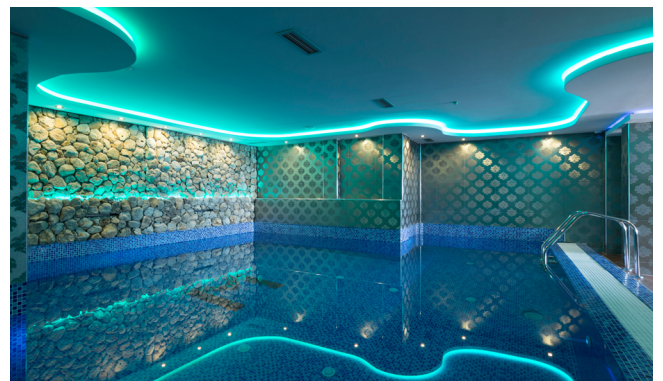
Elevate your lighting designs with the 24V LED Neon Flex – Side Bend is a high-quality, flexible lighting solution designed for horizontal bending, making it perfect for mounting on vertical surfaces. Its directional bend capability is ideal for custom signage, architectural accents, building outlines, and wall-mounted designs. With a sleek profile and even light distribution, it provides a professional finish to any project.

Encased in a durable, UV-resistant silicone housing and rated IP67, this neon flex is built to perform in harsh environments—resisting water, dust, and UV exposure. It's suitable for both indoor and outdoor use, including coastal and humid conditions. Available in 3000K (warm white), 4000K (cool white), 2CCT and RGB for dynamic colour effects, it caters to a wide range of applications from retail and hospitality to transport and marine installations. Custom lengths and multiple wattage options ensure versatility across commercial, creative and architectural projects.

KEY FEATURES

- Side Bend Direction: Bends up/down
- IP67 Rated: Water and dust resistant for indoor & outdoor use
- Customisable Lengths: Tailored to suit specific project needs
- Uniform Light Output: Seamless, dot-free lighting
- Durable Silicone Housing: UV resistant and flexible
- Minimum Bend Radius: 200mm (9.6W, 14.4W & 12W RGBs)
- Minimum Bend Radius: 100mm (2CCT version)
- 50,000 hour
- 3 year warranty

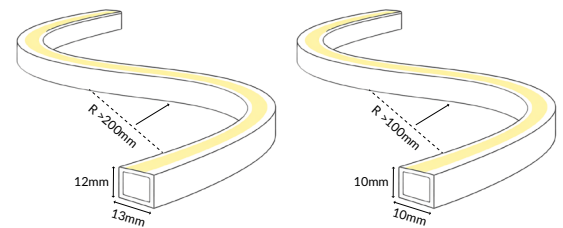
**Please note: Accessories are sold separately.*



SPECIFICATIONS

SKU	VBLNF-SB-09624	VBLNF-SB-A-14424	VBLNF-SB-12024C 	VBLNF-120-SB-CCT
Power (W)	9.6	14.4	12	12
Efficacy (LM/W)	38	44/46	N/A	52
Lumens (LM)	370/380	630/670	N/A	620
Colour Temp	Warm/Cool White	Warm/Cool White	RGB	2CCT Switchable
Kelvin	3000K/4000K	3000K/4000K	-	3000K/4000K
IP Rating	67	67	67	67
CRI	80	80	80	90
Cutting Distance (MM)	50	50	83	35.7
Length (MM)	Customisable	Customisable	Customisable	Customisable
Height (MM)	12	12	12	10
Width (MM)	13	13	13	10
Warranty (YRS)	5	5	5	5

Please note: When bending Side Bend Neon Flex, maintain a minimum bend radius of 200mm for 9.6W, 14.4W & 12W RGB and 100mm for the 2CCT version (VBLNF-120-SB-CCT). Tighter bends may damage internal LED chips and void the warranty.



Available in different wattages, outputs, and colour temperatures, the 24V Neon Flex – SIDE Bend Series is a versatile solution for any project. Ideal for architectural lighting, retail displays, signage borders, interior features and even marine or vehicle applications, it offers flexibility across indoor and outdoor environments. Easily compatible with Vibe's LED Drivers and Controllers, this LED Neon Flex makes professional, custom installations simple and seamless.

BROWSE OUR FULL RANGE OF 24V LED STRIP LIGHTS, NEON FLEX, LED DRIVERS & CONTROLLERS

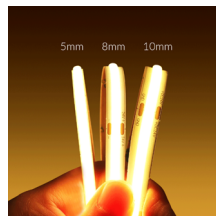
CLICK
BELOW 



VBLST-24V-SERIES
LED Strip Lights



VBLST-24V-RGBCOB-SERIES RGB COB LED Strip Lights



VBLST-24V-COB-SERIES COB LED Strip Lights



NEON-FLEX-SERIES
LED Neon Flex



VBLD-24V-SERIE
Constant Voltage LED Drivers



VBLST-CTRL-SERIES
LED Controllers

Accessories (9.6W/14.4W/12W RGB)

These accessories are suitable for 9.6W 3K/4K & 12W RGB ONLY.



Silicon Endcaps VBLNF-SB/TB-EC1

2 x Silicon End Caps - one with no hole & one with a hole out of the side. This hole dictates the cable direction.



Bendable Groove VBLNF-SB-GROOVE

Each 1M set comes as 2 x 500mm pieces. This bendable groove allows you to bend the Neon Flex into various shapes and/or letters.

NB: This accessory is suitable for SIDE BEND Neon Flex ONLY.



Silicon Endcaps VBLNF-SB/TB-EC3

2 x Silicon End Caps - one with no hole & one with a hole out of the end. This hole dictates the cable direction.



Plastic Mounting Clips VBLNF-SB/TB-PMC

The plastic mounting clips are 25mm in length and are used to hold the Neon Flex as it's being shaped (either in a straight line or as it's bent as required).



Aluminium Channel VBLNF-SB/TB-MC1-1M

The 1M lengths of aluminium channel are mostly used when the Neon Flex is required to be kept in a nice straight line.



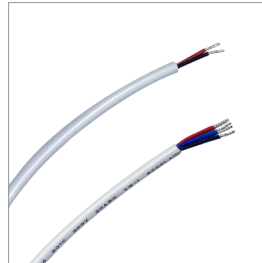
White Metal Mounting Clip VBLNF-SB/TB-MC1-WH

The mounting clips are 25mm in length and are used to hold the Neon Flex as it's being shaped (either in a straight line or as it's bent as required).



White Metal Mounting Clip VBLNF-SB/TB-MC2-WH

The mounting clips are 25mm in length and are used to hold the Neon Flex as it's being shaped (either in a straight line or as it's bent as required) - these mounting clips are deeper than the MC1 Mounting clips which provides a space underneath the Neon Flex to enable the installer to hide a cable if required.



2 Core & 4 Core Cable VBLNF-WIRE-2/4CORE

The 2 & 4 Core cable is used in conjunction with the silicon end caps "with hole" as a power connection to the driver.

2 Core cable for single colour Neon Flex
4 Core cable for RGB Neon Flex

Both 2 core & 4 core cables are suitable for use with both the Top Bend and Side bend Neon Flex.

These accessories are only suitable for 14.4W 3K/4K ONLY.



Silicon End Caps with cable VBLNF-SB/TB-A-EC

2 x Silicon End Caps complete with cable. one with no hole & one with a hole out of the end this hole dictates the cable direction.

These Silicon End Caps suit the 14.4W Neon Flex ONLY.



Aluminium Channel VBLNF-SB/TB-A-MC1-1M

The 1M lengths of aluminium channel are used when the Neon Flex is required to be placed in a straight line.

Available for both TOP BEND & SIDE BEND 14.4W Neon Flex ONLY.



Plastic Mounting Clips VBLNF-TB-A-PMC

The plastic mounting clips are 25mm in length and are used to hold the Neon Flex as it's being shaped (either in a straight line or as it's bent as required).

These Plastic Mounting Clips suit 14.4W Top Bend Neon Flex ONLY.



Metal Mounting Clips VBLNF-SB-A-MC1

The aluminium mounting clips are 25mm in length and are used to hold the Neon Flex as it's being shaped (either in a straight line or as it's bent as required).

These Stainless Steel Mounting Clips suit 14.4W SIDE BEND Neon Flex ONLY.