LED Neon Flex - Warm White

LED neon flex is a high quality, flexible LED strip with a unique co-extrusion technology. The combination of high quality and exceptional flexibility, allows for an endless range of indoor and outdoor applications. Homogeneous and dot free illumination at very low installation depths. IP65 rated flex is a solid state replacement for neon lighting and building outlines. The key to the success of this product is the correct installation.

Product Features

- Ultra bright LED for higher light transmission.
- UL Standard UV stabilized plastic coating to ensure IP rating for outdoor applications.
- Flexible bending radius for any shape with easy of installation.
- Luminous Flux : 150 lm/m
- Available in 120° beam angle.
- CRI >80
- Even light distribution & no hot spots.
- Max. length per input - 20mts.
- LED flex system wattage < 9watts per metre.
- Even light distribution & no hot spots.

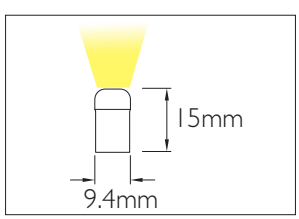
Product Benefits

- Exceptional Flexibility
- High luminous flux
- High colour consistency

Area of Application

- Landscape application
- Signboard / Corporate application
- Accent & Facade Lighting
- Hospitality Industry
- Commercial & Business Centers
- Residential & Educational premises

Dimension



Flexible Rope LED for Outdoor

ID	LED	Colour Temperature	Wattage	Voltage	LED/Metre	Packing
3230	2835	Warm white	9W/m	24V dc	120 LEDs	50m/roll

Safety Guidelines

- Do not light LED strip for more than 5 minutes while it is coiled or in its original packaging to avoid heat damage.
- Fix the flex according to the manual. Do not connect the power before correct installation.
- Please check the surface carefully, make sure the PVC layers are intact. If there are any physical damage to PVC seal, do not use the rope and contact the supplier.

Caution

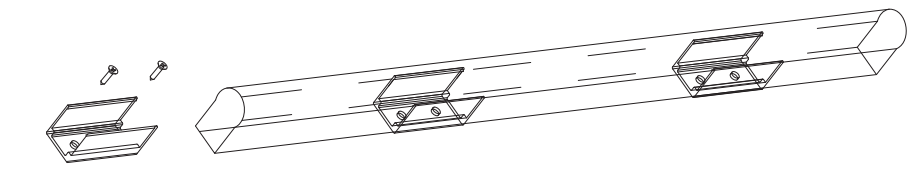
- Do not submerge the product in liquid, so when used outdoor ensure the connection point and end point is fully sealed and tested.
- Warranty is void if product damage is caused by Inadequate or improper waterproofing or wrong installation.
- Avoid rubbing the strip on the ground in order to protect the PVC layer, ensuring it is intact.
- Before connecting to power, make sure the flex voltage and service voltage are same else if the voltage is higher the flex will be damaged permanently.
- If service voltage is lesser than flex voltage, flex will not display 100% brightness.

Installation Instruction

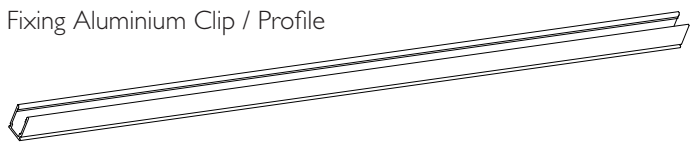
- Measure your lengths. This product comes in 50m spools and is cut to length every 0.25m. Keep this 0.25m increment in mind when measuring your lengths.
- The Neon is marked on the side with a dashed line every 0.25m and this is the only place it can be cut. Cutting the product anywhere else will break the circuit board and void warranty. Only use the special cutting tool to make these cuts, as it needs to be a perfect 90 degree for the IP rating.
- Assemble the end connectors. This step is critical to getting the IP rating. The connectors come in Front Connectors with Leads, and End Connectors for dead ending a run.
- This product can be run up to 20m on a single feed or you can run up to 50m if power is fed from both ends.
- Mount the Track (for straight configurations), or clips (if you are doing a curved configuration). This diagram shows how to mount the track. Note that the track comes in 2m lengths and can be field cut.

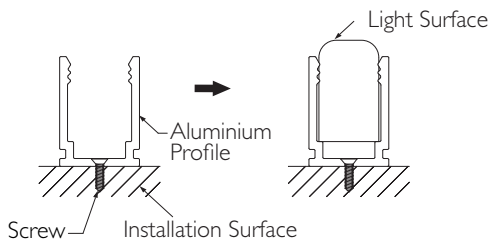
Installation Steps

- Install the clips with screws provided securely clamp the neon flex in the clips installed.

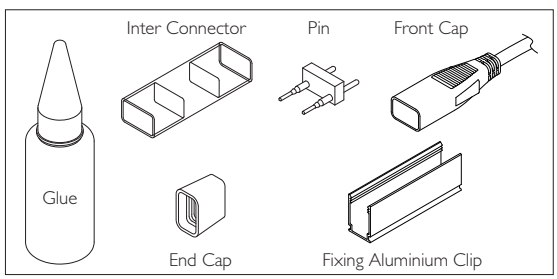


Fixing Aluminium Clip / Profile





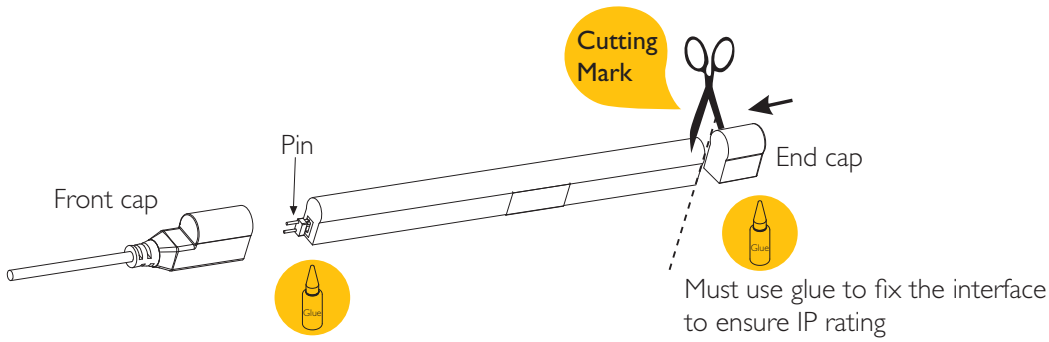
Accessories



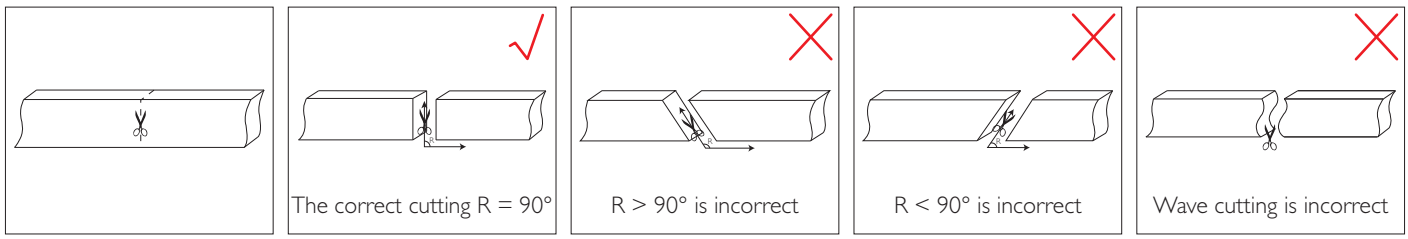
Recommended accessories kit per 50 mts

ID	Accessories
8179	Front Cap 0.25m PVC Power cord
8257	Fixing Aluminium clip 50mm
8180	1m Aluminium profile
8258	Pins (10 Nos)
8259	Inter Connector
8260	Bonding PVC Glue

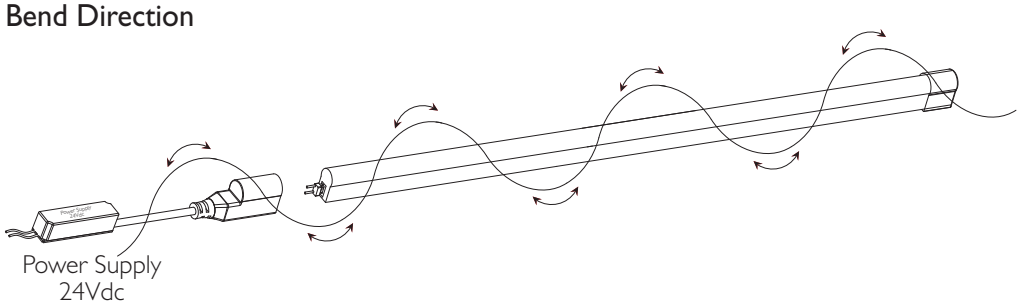
- Use H shaped pins to connect the flex and power supply cord. Then glue the interface to ensure IP rating.
- Cut the strip according to your requirement (each 0.25m can be cut). Close the strip with end cap and glue the interface to ensure IP rating.



Cutting Line



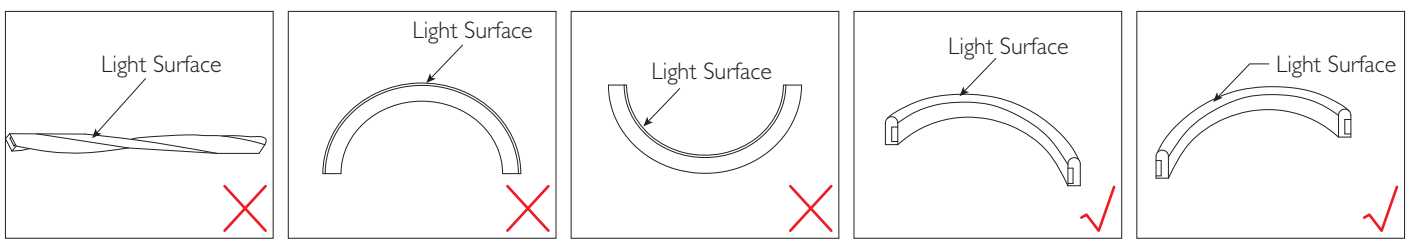
Bend Direction



Important Notes :

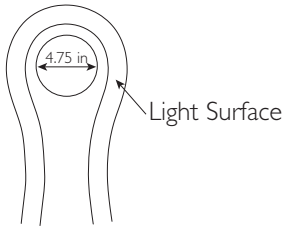
- Do not make cuts or install product while power is on.
- Do not exceed the minimum bend radius.

Do not twist the product. Also see below proper and improper bending methods



Precaution to take while installing

Minimum bending diameter 4.75 inches



Minimum Bend Radius is (2.5 inches)

Do not hang the product by its cables