

Westflex® 120 Volt LED Neon

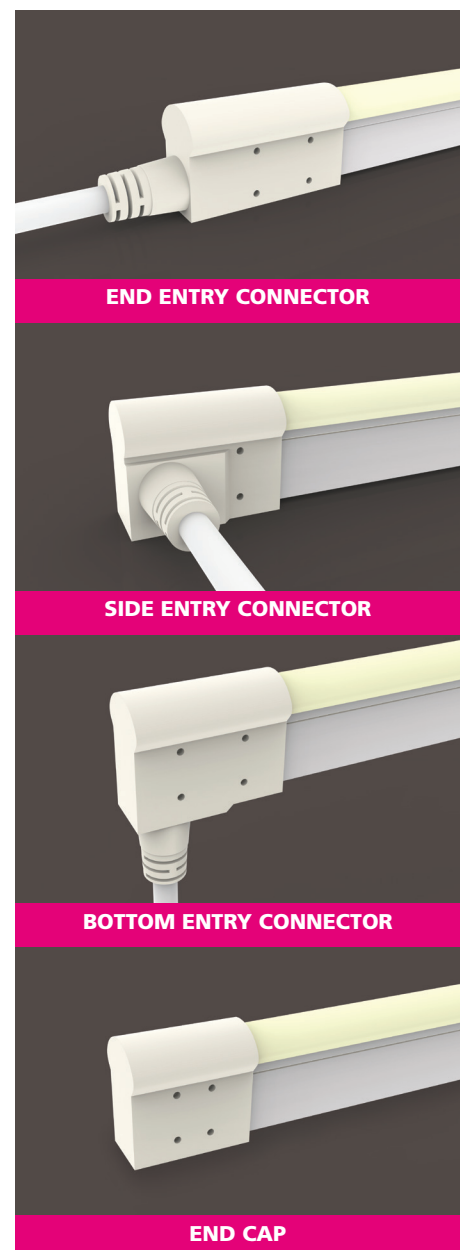
Installation Manual

The Westflex® LED Neon product is a solid-state replacement for neon lighting and building outlines. It is available in the following options: Round-top (horizontal bending), Flat-top (horizontal bending) and Side-bend (vertical bending). It's flexible, is available in White, Solid colors. It is IP67 rated for use outdoors.

Fixtures will be supplied with pre-installed molded front connectors with 10' leads along with molded end caps. This product can be run up to 65' on a single feed.

We stock various accessories as well, such as mounting clips and mounting track.

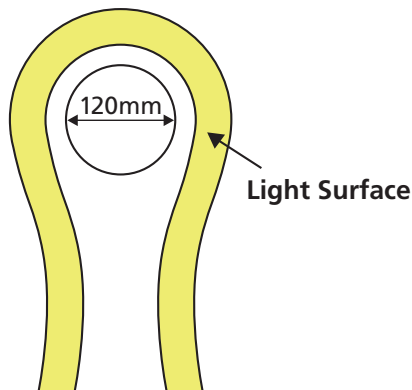
The key to the success and long life of this product is correct installation. This document will serve as a guide to the proper procedures for assembly and installation.



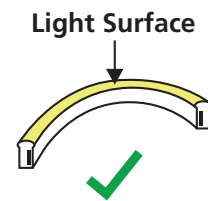
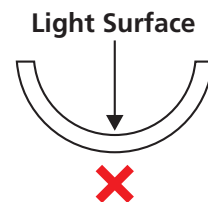
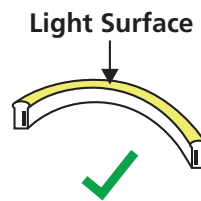
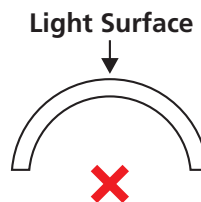
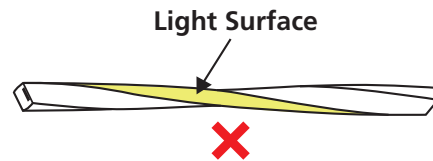
PRECAUTIONS TO TAKE WHILE INSTALLING

The diagrams below will help identify things to avoid while installing this product.

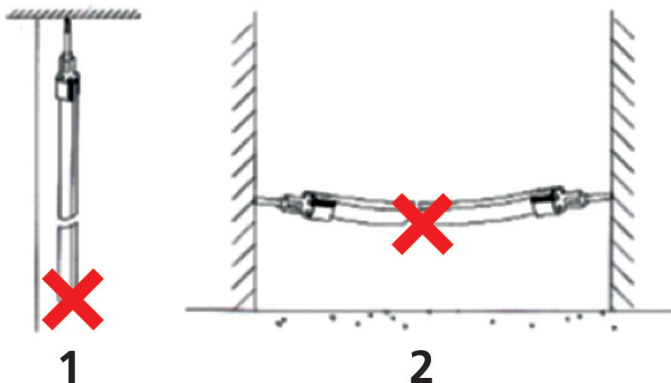
Minimum bending diameter 120mm



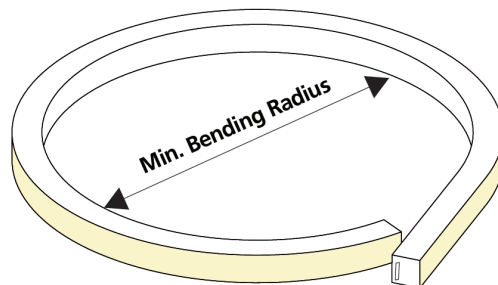
MINIMUM BENDING RADIUS 120MM (4.72")
(HORIZONTAL BEND MODEL SHOWN ABOVE)



DO NOT TWIST THE PRODUCT. SEE ABOVE
PROPER & IMPROPER BENDING METHODS
(HORIZONTAL BEND MODEL SHOWN ABOVE)



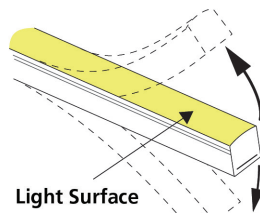
DO NOT HANG THE PRODUCT BY ITS CABLES



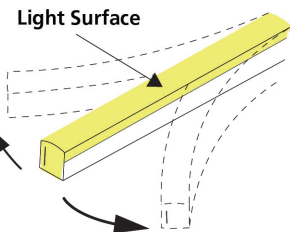
MINIMUM BENDING RADIUS 300MM (11.81")
(VERTICAL BEND MODEL SHOWN ABOVE)

Fixture Bending:

Note and follow the bending mark on the side of the light body, otherwise you may damage the PCB inside, and permanently damage the fixture. **This type of damage is not covered by our warranty.**



Vertical Bending



Horizontal Bending



Step One: Measure Twice!

Make sure you have good measurements for your fixture run lengths as we custom manufacture them to your specification. Westflex® LED Neon is available in a variety of shapes and colors, and maximum fixture lengths vary depending upon the model and color you choose. When you provide run lengths for your project, we make sure those maximum fixture lengths are not exceeded; **THIS PRODUCT IS NOT FIELD CUTTABLE.** Cutting these fixtures will void their warranty, and most likely destroy the fixture, especially if it is installed in a wet location.





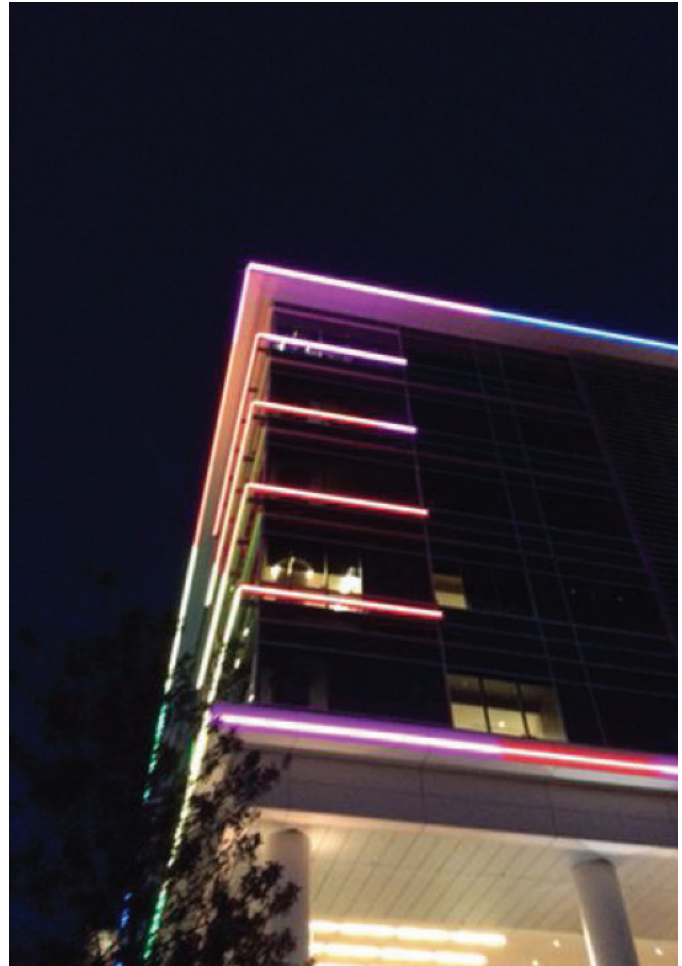
Step Two: Mounting

We provide screw-mount mounting clips or 3ft. long rigid mounting tracks with all of our Westflex® LED Neon systems. Clips are used for curved runs (we recommend one clip per foot for best results), mounting tracks are used for straight linear runs and can be field cut if necessary. First the clips or track get fastened to the mounting substrate. Then the fixture simply press-fits into the track; the track is serrated on the inside to SECURE the fixture. The minimum bending radius for each model is as follows:

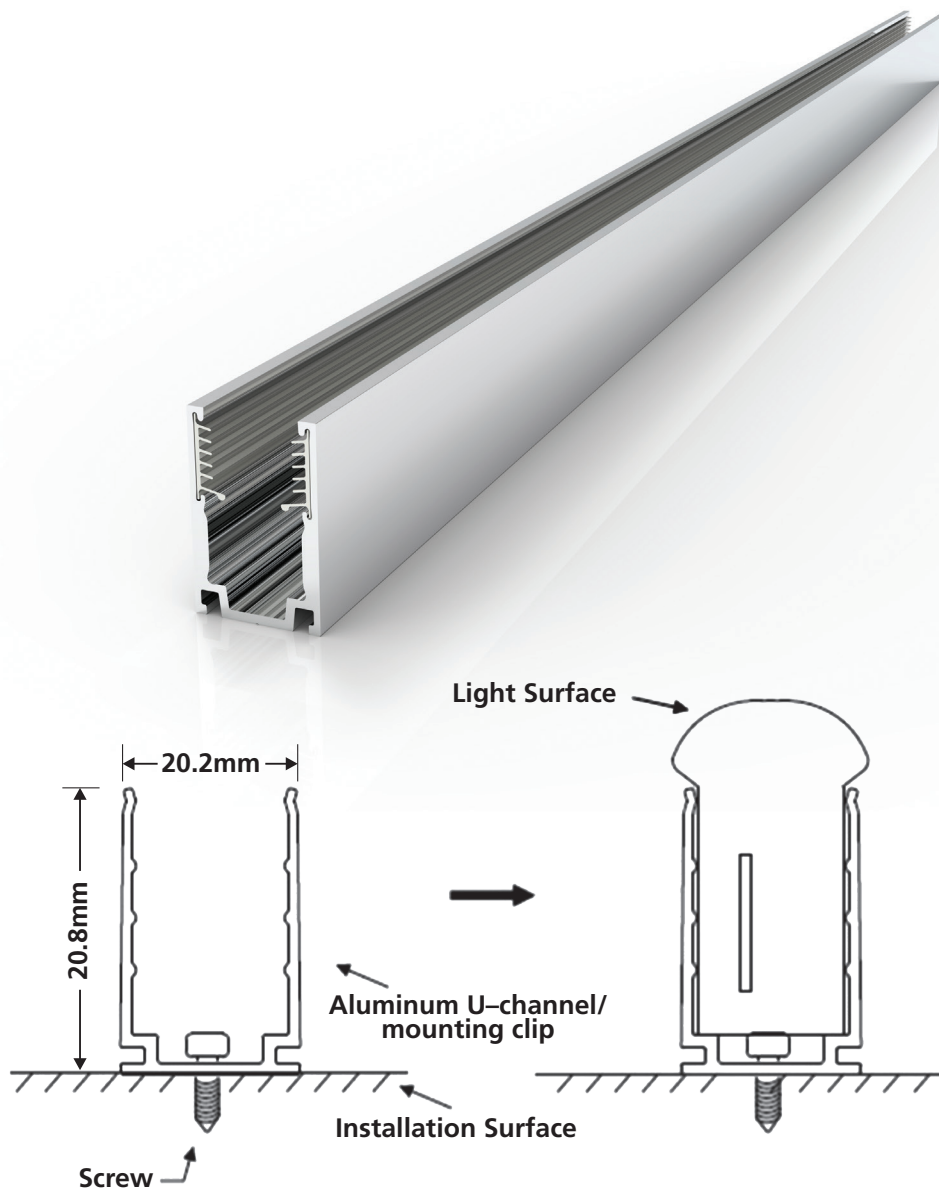
4.75" for Westflex® Round-top
(horizontal bending)

4.75" for Westflex® Flat-top
(horizontal bending)

11.81" for Westflex® Side-bend
(vertical bending)



MOUNTING CHANNEL AND CLIP (All Horizontal Bend Versions)



Mounting Clip length 20mm (Horizontal & Vertical Bend)

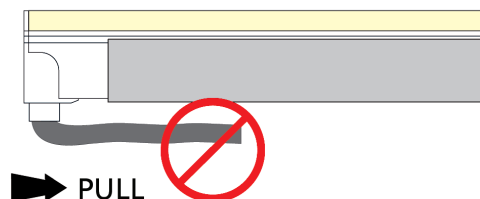
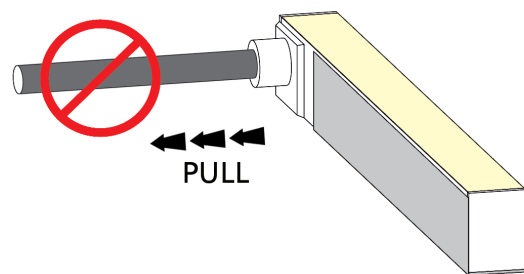
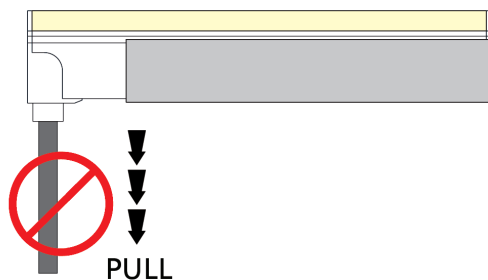
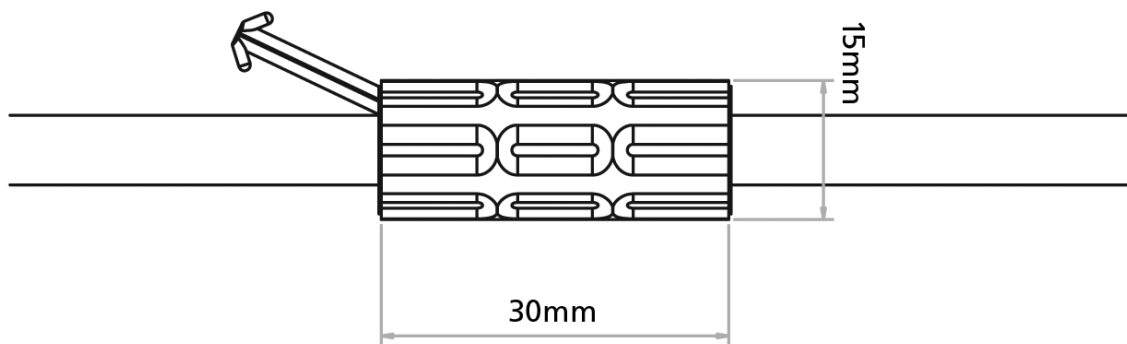
Vertical Bend Mounting Track (not shown) Dimensions:

20.2mm Wide x 20.8mm High

IMPORTANT NOTES BEFORE MOVING ON:

THIS PRODUCT MUST BE INSTALLED BY A LICENSED ELECTRICAL CONTRACTOR!

- Ambient temperature must be above 40°F when installing. Do not attempt installation below this temperature.
- Do not exceed the minimum bending radius/diameter.
- Do not drop the fixture.
- Do not twist the product.
- Do not cut the anti-wicking ferrule. Cutting the anti-wicking ferrule will void the warranty.
- Do not hang the product by its leading cables.





Step Three: Wiring

Wire the Front connector(s) back to the Power Source. **Note that Polarity is extremely important.**



ETL Certified (Standard UL 2388, CSA C22.2#37)

