



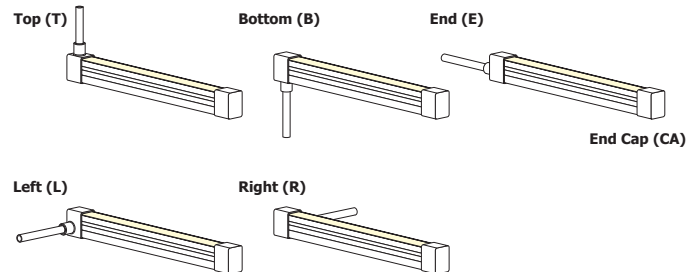
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Installation Instructions for **Flex Neon LRF5 24VDC Outdoor Wet Location, Tunable White**

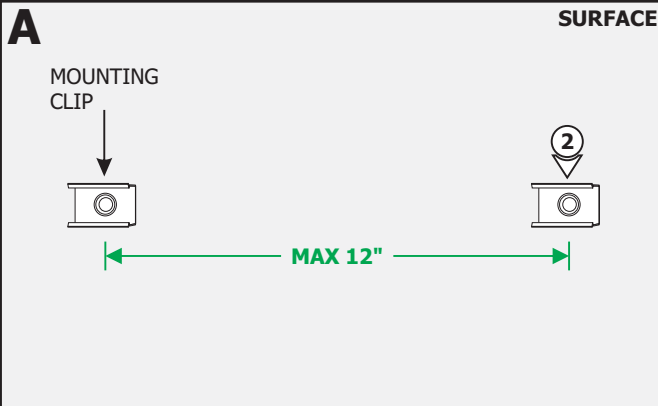
FN-LRF5-__

IMPORTANT INFORMATION

- This instruction shows a typical installation.
- The Outdoor Flex Neon is an IP67 rated wet location fixture featuring water tight barrel connections.
- This product bends right to left or left to right.

SAVE THESE INSTRUCTIONS!


Section One: Install the Flex Neon

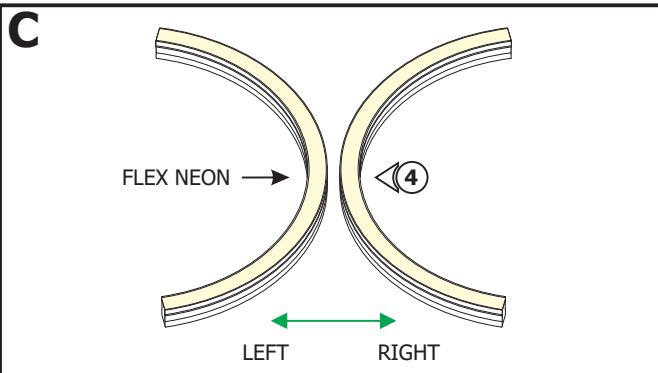
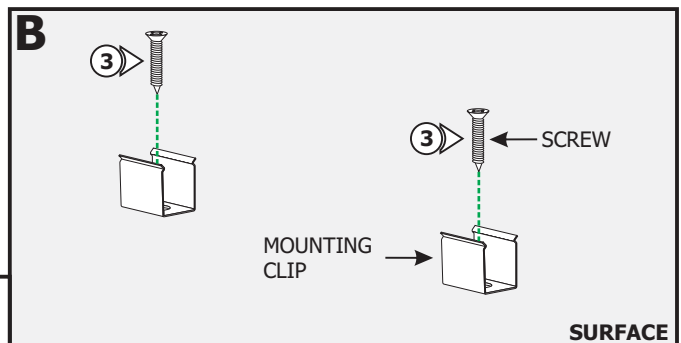


NOTE: Omit this Section if using Exterior Channel or Flexible Aluminum Channel. Refer to Section Three or Four.

1: Determine the location for the Flex Neon.

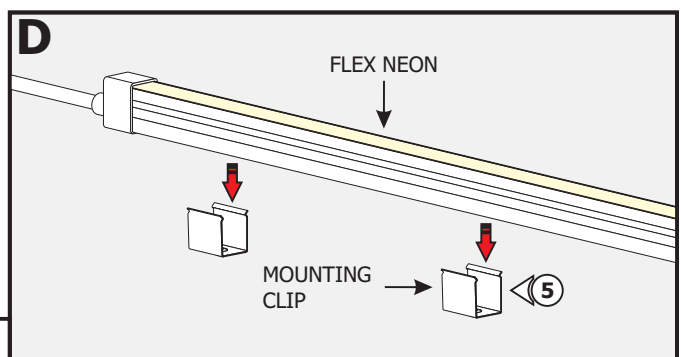
2: Mark the location of the mounting clips. Mounting clips must be maximum 12" apart from each other (measure from the center of the mounting clip).

3: Secure the mounting clips to a wood surface by tightening the screws to each clip.



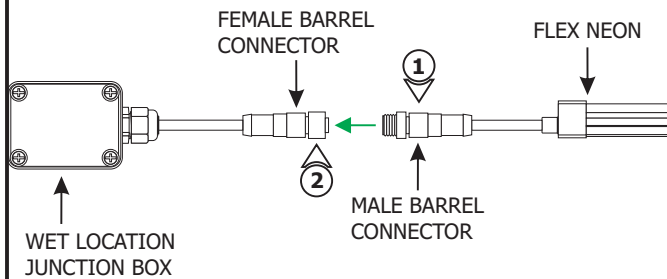
4: If necessary, bend the Flex Neon **ONLY** right to left or left to right.

5: Insert the Flex Neon into each mounting clip.



Section Two: Connect to Power

E



NOTE: Outdoor electrical connections must be made inside a waterproof junction box or using waterproof wire nut connections.

NOTE: Steps 1 and 2 are for the Wet Location Junction Box with Power Cable.

1: Align and push the male barrel connector of the Flex Neon into the female barrel connector going to the power supply.

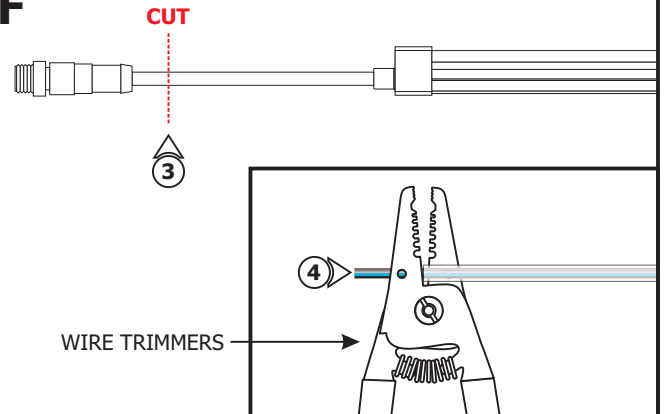
2: Twist the connector nut to lock in place.

NOTE: Omit steps 3 through 8 if using wet location junction box.

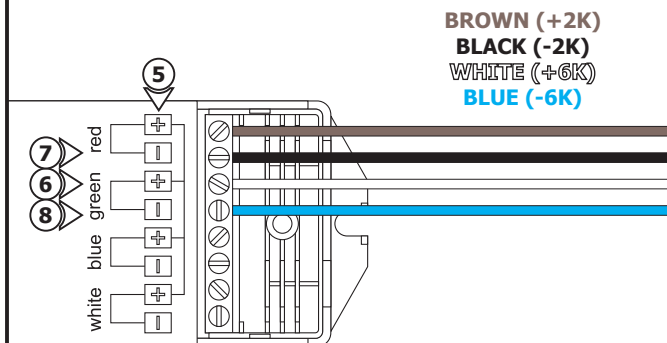
3: Cut the end of the power cord that is going to be connected to power and discard the unused connector.

4: Use AWG wire trimmers to remove the outer insulation from wire harness where electrical connection will be made.

F



G



NOTE: The color of the power cord wires are represented as:
Brown for +24VDC (2K)
Black for -24VDC (2K)
White for +24VDC (6K)
Blue for -24VDC (6K)

5: Connect the brown wire to the red "+" DMX terminal and tighten the screw.

6: Connect the white wire to the green "+" DMX terminal and tighten the screw.

7: Connect the black wire to the red "-" DMX terminal and tighten the screw.

8: Connect the blue wire to the green "-" DMX terminal and tighten the screw.

9: Refer to the wiring diagram on page 7 and the instructions provided with the power supply to complete the installation.

H

FLEX NEON FEMALE BARREL CONNECTOR FLEX NEON

11 10 MALE BARREL CONNECTOR

10: To connect additional Flex Neon, align and push the female barrel connector of one Flex Neon into the male barrel connector of the next one.

11: Twist the connector nut to lock in place. Repeat for any additional sections.

NOTE: Ensure that additional Flex Neon are properly supported and powered.

Section Three: Install the Flex Neon with Exterior Channel

I

EXTERIOR CHANNEL

1 CUT

LENGTH

1: If necessary measure and cut **ONLY** the Exterior Channel to length.

J

SURFACE

MOUNTING CLIP 2 MAX 24"

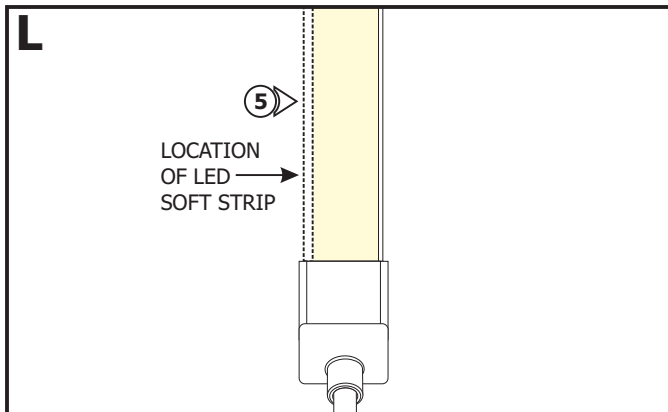
2: Determine the location for the Exterior Channel.

3: Mark the location of the mounting clips evenly on a straight line. Mounting clips must be maximum 24" apart from each other (measure from the center of the mounting clip).

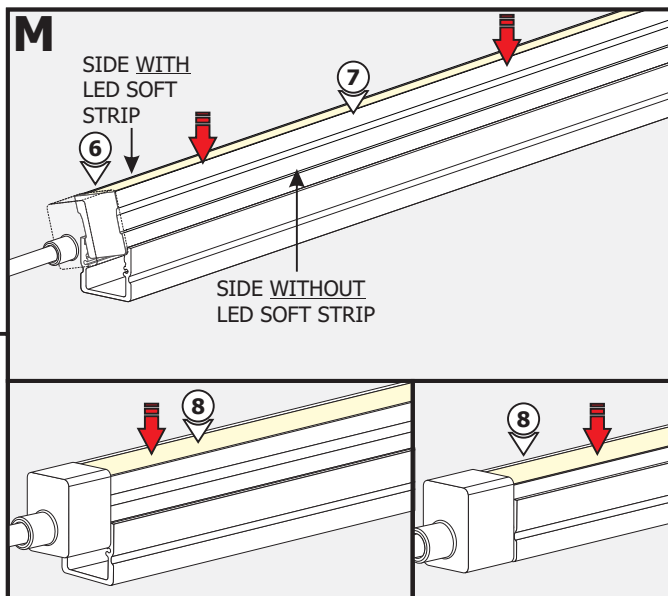
4: Secure the mounting clips to the surface by tightening the screw to each clip.

K

SCREW 4 MOUNTING CLIP SURFACE



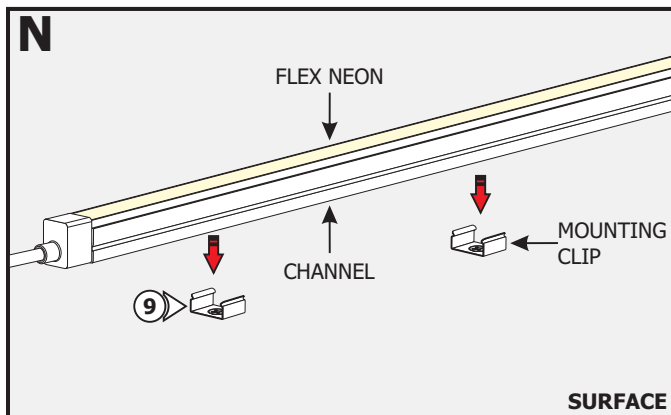
5: Identify the thicker side of the Flex Neon that indicates the location of the LED Soft Strip.



6: Place the side with LED Soft Strip on an angle on top of the Exterior Channel.

7: Slightly push down the side without LED Soft Strip inside the Exterior Channel.

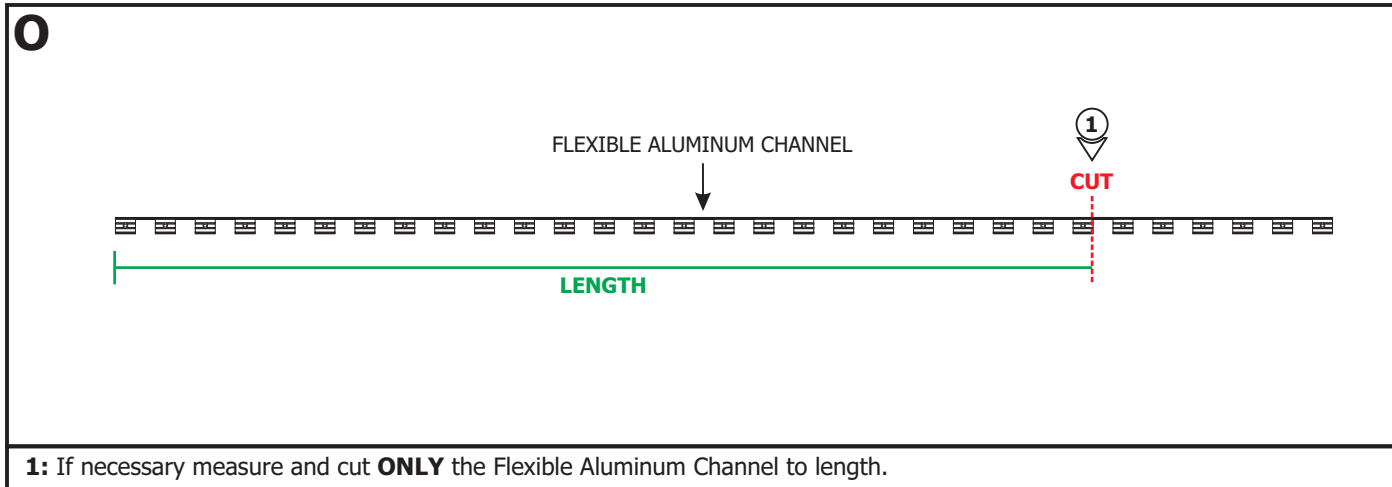
8: Carefully push the Flex Neon completely inside the Exterior Channel, leaving the end cap outside of the Exterior Channel.



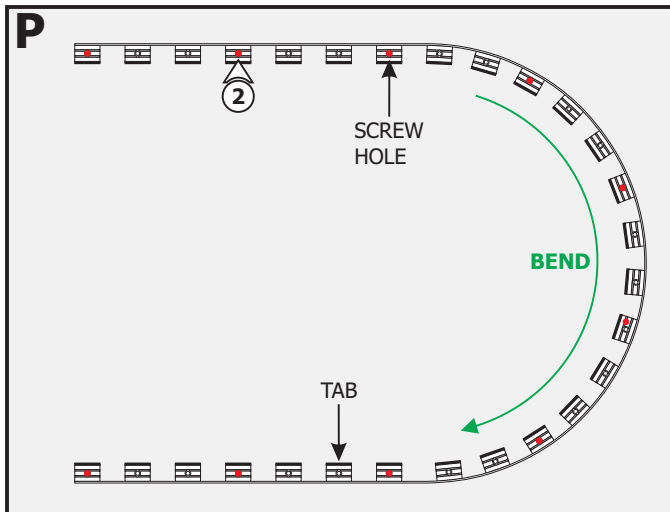
9: Snap the Exterior Channel into each mounting clip.

10: Refer to Section Two to connect to power.

Section Four: Install the Flex Neon with Flexible Aluminum Channel



1: If necessary measure and cut **ONLY** the Flexible Aluminum Channel to length.



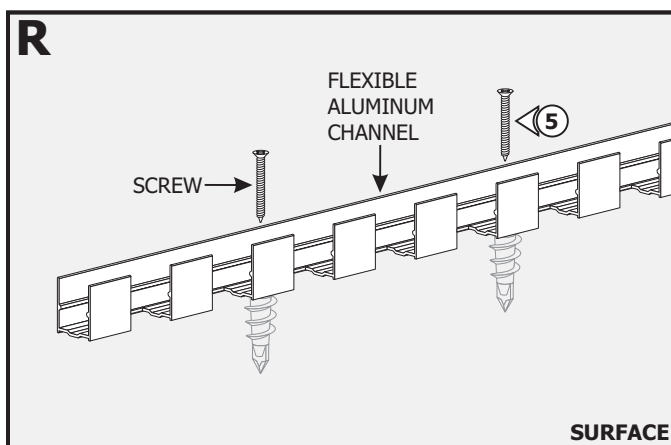
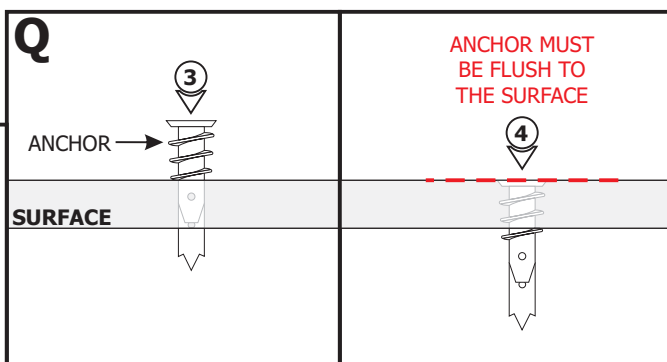
2: Determine the location of the Flexible Aluminum Channel and mark every fourth tab screw holes.

NOTE: The Flexible Aluminum channel bends in both directions. For simple curves or circles, it is recommended to bend the channel toward the tabs.

NOTE: Step 3 and 4 are for drywall mounting. Omit these steps if mounting to a wood surface directly.

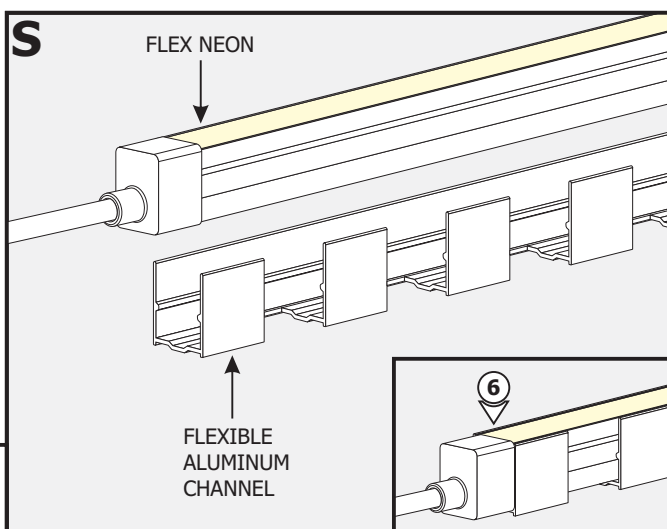
3: Anchors are not provided. Tap the anchors onto the marked points up to the threaded portion with a hammer.

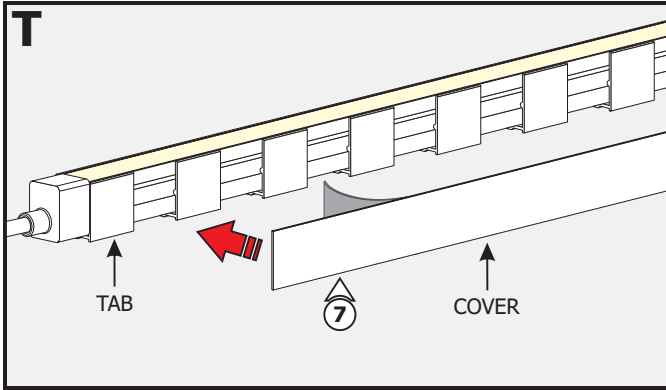
4: Screw in the threaded portion of the anchors with a Phillips screwdriver.



5: Secure the Flexible Aluminum Channel to the anchors using screws.

6: Carefully push the Flex Neon completely inside the Flexible Aluminum Channel, leaving the end cap outside of the channel.





7: Remove the backing from the channel cover. Firmly press down on the Flexible Aluminum Channel tabs while removing the rest of the backing.

8: Refer to Section Two to connect to power.

General Wiring Diagram

