

Required System Parts:

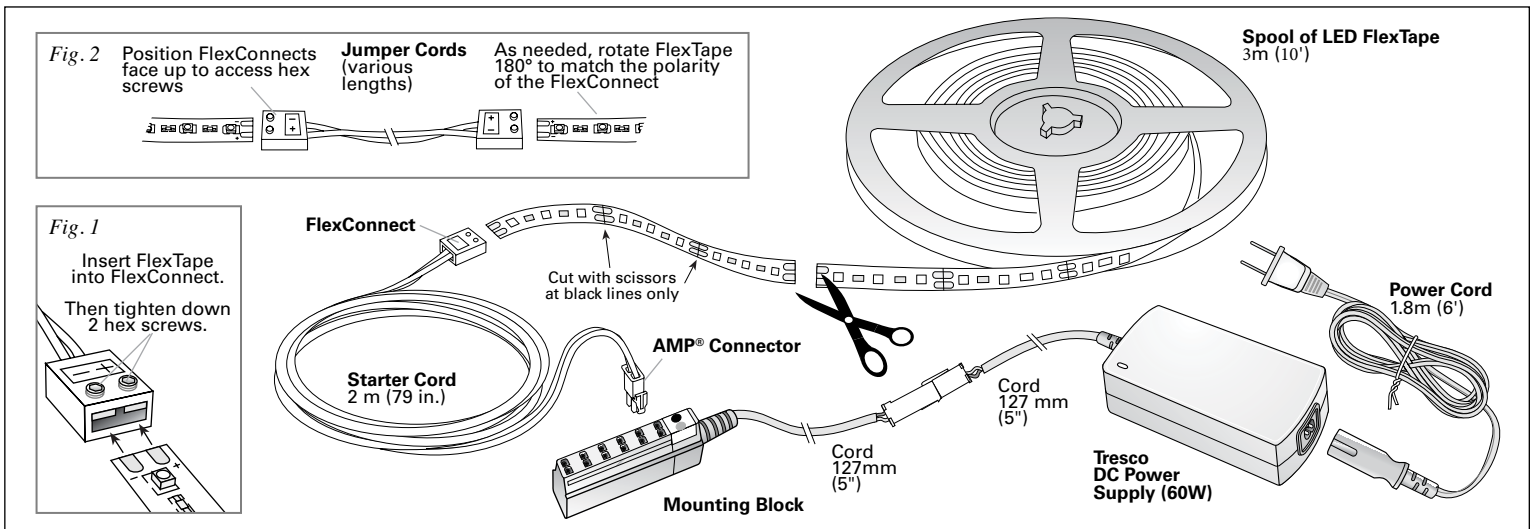
- (1) Spool of LED FlexTape P/N: L-LED-FLXTPE-XU
- (1) DC Power Supply 60W with Mounting Block and Power Cord P/N: L-DC-ELT60-CON
- (1) Starter Cord P/N: L-LED-TPEPKT-2M

Accessories (purchased separately): Touch On/Off Switch, Round Switch, Roll Switch, Remote Control LED Dimmer, and Jumper Cords (various lengths).

Installation Instructions

LED Ultra Output FlexTape Light

12VDC LEDs mounted on a Flexible Tape



TreSCO Lighting's LED Ultra Output FlexTape is to be mounted to a metal substrate for proper heat sinking. Failure to do so may lead to premature failure. To be used with TreSCO DC Power Supplies Only. Indoor use only.

READ ALL INSTRUCTIONS BEFORE INSTALLING SYSTEM.

Before beginning installation, be sure power is turned OFF to light system.

NOTATIONS to help determine installation layout:

- Maximum linear run of FlexTape from one Starter Cord is 3m (10').
- Maximum linear run of FlexTape linked together by Jumper Cords is also 3m (10').
e.g. you cannot link together two 3m (10') runs to make one 6.0m (20') run.
- For additional linear runs, you must use a new Starter Cord connected to the Mounting Block. Up to (6) Starter Cords can connect to one Mounting Block.
- Maximum length of FlexTape on all runs from a single Power Supply is 3m (10').
- Minimum linear run is one 'unit' of 3 LEDs.
- **Cut FlexTape contacts ONLY at the designated black lines on tape (see main illustration).** Cutting anywhere but on the designated black line will damage that 'unit' of 3 LEDs. The length of each FlexTape unit (3 LEDs) from line-to-line is approximately 49mm (2").

Installing the LED FlexTape light system:

Roughly lay out the lighting system before installation to verify final positioning of all components. Check that the Power Cord will properly reach the 120V power source.

1. First, install the Power Supply and Mounting Block. Link their connectors together, but do not plug Power Cord into 120V power source yet. Keep Power Supply in an accessible location.

NOTE: Use insulated staples or plastic ties to secure ALL cords throughout the installation.

2. Next mount the Starter Cord. Route the Starter Cord so the FlexConnect is positioned exactly where you want the FlexTape to begin. Orient the FlexConnect so the two hex screws are facing toward you. Insert the AMP® Connector into Mounting Block.

NOTE: the red dot (+) and black dot (-) on the AMP Connector must match-up with the red and black dots on the Mounting Block to maintain proper polarity.

3. Before mounting the FlexTape, peel off approximately 25mm (1") of backing from the FlexTape. Insert one end of the FlexTape into the FlexConnect of the Starter Cord, aligning the FlexTape's two end contacts to the hex screws in the FlexConnect. Tighten hex screws with a 1.5 mm hex key (allen wrench). Tighten firmly, but do not overtighten. (see Fig. 1)

NOTE: When the FlexTape and the FlexConnect are both facing you, the polarity of the two contacts should match-up (+) to (+) and (-) to (-). See markings on FlexTape and FlexConnect.

4. If you continue the FlexTape run using Jumper Cord(s), at this time attach the FlexConnect of the Jumper Cord to the loose end of the first FlexTape section. Again match-up (+) and (-).

Continue to link Jumper Cords to FlexTape sections until all links are made in the run.

As needed, rotate FlexTape 180° to continue to match-up polarity (+) and (-). (see Fig. 2)
Use insulated staples or plastic ties to secure all Jumper Cords.

5. After all links are completed to the FlexTape run, peel off the backing from the FlexTape sections exposing the adhesive side of the tape. Position the tape on any smooth, flat surface (cabinet, shelf, etc.) and firmly rub down the tape **IN BETWEEN the LEDs, do NOT push down on the LEDs themselves.** The tape should firmly adhere to clean surfaces that are smooth and clear of oil, grease, dust or dirt.

6. To add more FlexTape runs from a new Starter Cord, repeat the steps above.

7. Double-check all connections and then turn on power to light system.

Note: The 3M adhesive is pressure sensitive tape. Pressure must be applied in order for proper adhesion to take place. Not intended for rough or raised surfaces.

CAUTION: DO NOT MOUNT FLEXCONNECTS TO SOLDER JOINTS ON TAPE!

IMPORTANT SAFETY INSTRUCTIONS

CAUTION: To reduce the risk of fire, electric shock, or injury to persons:

- NOT intended for outdoor use or where exposed to excessive moisture.
- FlexTape is very flexible, but CANNOT be kinked or creased or the internal contacts may break.
- Use only insulated staples or plastic ties to secure cords.
- Route and secure cords so that they will not be pinched or damaged when the cabinet is pushed to the wall.
- NOT intended for use in enclosed or recessed installations, such as in ceilings, soffits or walls.
- Do not run line voltage power supply cord through holes in walls, ceilings, floors or similar permanent structure.
- If required, a licensed electrician should be consulted for wiring through permanent structures. When mounting and wiring light system, follow all local electric codes and the National Electrical Code (NEC).
- Disconnect electrical power before cutting light or modifying system.
- Individual LEDs cannot be replaced. Instead replace entire FlexTape section.

This light is intended to be used as cabinet fixtures on metal, wood, particle board or other structurally sound, heat-resistant surface. Care should be taken during and after installation to avoid contact of light with wiring, cord, or any combustible material.

Save these instructions for future reference.

For technical assistance: 1-800-227-1171



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