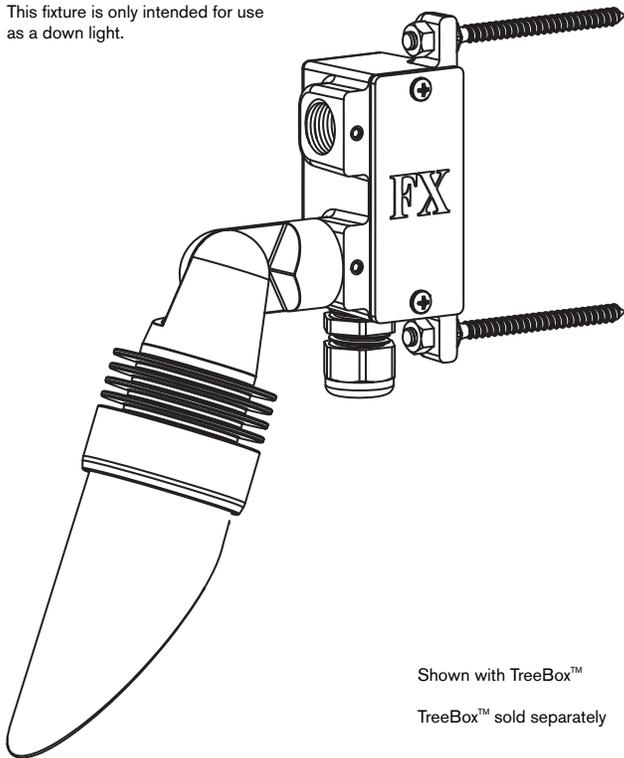


We have developed this series of field installation guidelines to assist you in correctly installing fixtures and transformers, ensuring customer satisfaction and trouble-free service. If you have any questions, please call your local distributor or the FX TechLine at 800-733-2823 before proceeding. Follow all NEC guidelines and local electrical codes. For further information, see our website: www.FXL.com



TYPICAL INSTALLATION:

This fixture is only intended for use as a down light.



Shown with TreeBox™
TreeBox™ sold separately

INSTALLATION GUIDELINES:

DO NOT EXCEED 15 VOLTS IN THIS FIXTURE

The LEDs in this product function ideally when the incoming voltage is between 10–15 volts. Voltages outside of this range may damage the LEDs, shorten their life, and cause unsatisfactory performance. **The use of improper voltage voids the product warranty. Only use a UL 1838 approved power supply such as the FX Luminaire PX transformer series.**

Changing or removing the color filter:

To remove, add, or change a color filter, loosen the lens shroud set screw and turn the shield as if it is threaded and pull up. Once the shield has been removed, twist the filters 1/4 turn counterclockwise to release and lift off. Add additional filters by stacking on top of each other and locking with a 1/4" clockwise. Reinstall the shield by firmly pressing it past the double O-rings while turning the shield. The shield may be twisted from side to side to orient it as desired. The set screw on the base of the fixture is to secure the lens shroud and should always be tightened for use as a down light.

The LED board in this product is designed to offer years of use without replacement. Should you have a need to replace the LED board, please contact your local FX distributor for a board replacement and the necessary instructions.

RISK OF FIRE WARNING: DO NOT USE FX FIXTURES WITH ANY STYLE OF TRANSFORMER THAT EXCEEDS 15 VOLTS ON THE SECONDARY.

WHY USE THE LITESPLICE?

Without a waterproof splice connection, any system will develop voltage loss and low grade shorts. Below is our proven method of ensuring you and your client years of trouble-free high performance from the FX System.

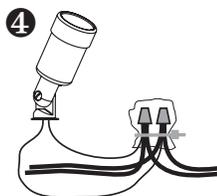
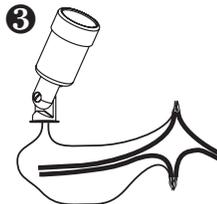
FX does NOT recommend the use of Quick Clip style connectors or pre-filled wirenuts because they are not waterproof and can rot out creating resistance and shorts.



1
Begin with a 14, 12, or 10 gauge direct burial low voltage cable mainline. (Use stranded 12 gauge THHN 120 V style wire for conduit runs such as wall lights or trellis lights.)



2
Cut the mainline cable in half and strip back 3/4" of the insulation from each side to expose the multi-strand copper conductor.



3
Join one of the fixture's conductors to each side of the mainline as shown in the diagram. Since there is no polarity in low voltage, it doesn't matter which side is which when joining the conductors together. Install a wirenut on each side. Now is the time to test the individual circuits (cables) for voltage drop. If you followed the Circuiting Guidelines included with the FX MultiTap Transformer, you should be able to provide each fixture with between 10–15 volts with all lamps installed and operating. Test now before you install the SpliceGel because it is easier to insert the VoltMeter's probes inside the wirenuts to get a reading.

4
Pump about two squeezes of SpliceGel into a baggie, and insert both wirenut connections into it. Push out the air, and work the Gel into the bottom of the wirenut assuring a waterproof connection. Install the cable tie as shown and cinch down to complete connection. The Gel will become hard in about 3 days. We recommend leaving 12–18" of slack at each fixture to allow for relocation or if you need to splice in additional cables in the future. Since this is a permanent splice solution, you will need to cut it off and start from scratch to add cables to the splice.