

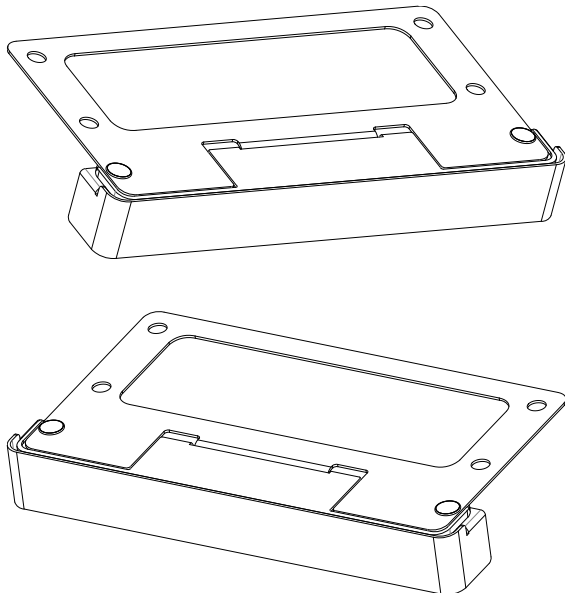
We have developed this series of field installation guidelines to assist you in correctly installing fixtures and transformers, ensuring customer satisfaction and trouble-free service. If you have any questions, please call your local distributor or the FX TechLine at 800-733-2823 before proceeding.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



TYPICAL INSTALLATION:

INSTALLATION GUIDELINES:

Wall Mount



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.** 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.

To replace the filter of the LF fixture, remove the two flat-head screws on the exterior of the installed filter. Gently pull the filter from the brass housing and remove the white reflector to reinstall into the new filter. Replace the two standard screws making sure that there is equal pressure on each screw and that the seal is evenly pressed against the brass housing. Failure to seal correctly may cause moisture intrusion.

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.

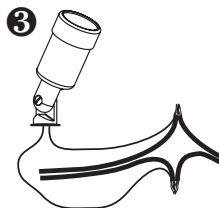
FX does NOT recommend the use of Quick Clip style connectors or pre-filled wirenuts because they are not waterproof and can rot out creating resistance and shorts.



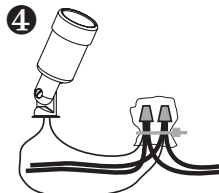
1
Begin with a 14, 12, or 10 gauge direct burial low voltage cable mainline. (Use stranded 12 gauge THHN 120 V style wire for conduit runs such as wall lights or trellis lights.)



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.