UNIQUE LIGHTING SYSTEMS®

150SSSL-LED TRANSFORMER 12-15 Volt

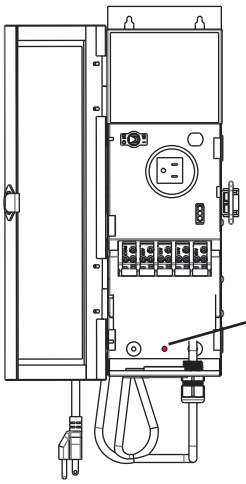
User's Guide

WARNINGS

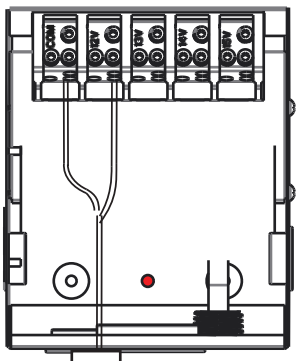
Warning: Risk of Electric Shock. Install power unit 5 feet (1.5m) or more from a pool, spa, or fountain. Where the power unit is installed indoors within 10 feet (3.0 m) of a pool, spa, or fountain or outdoors, connect power unit to a receptacle protected by a GFCI.

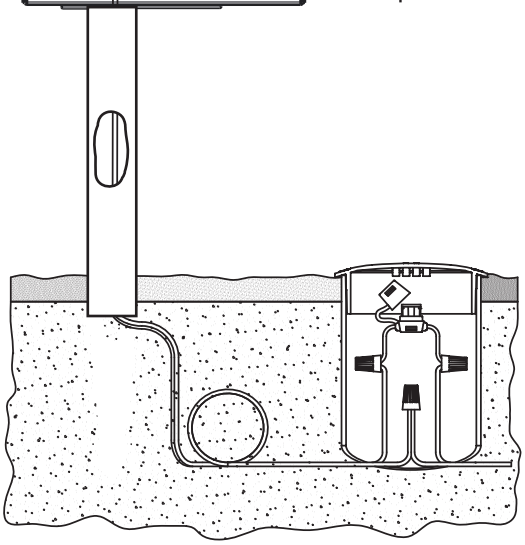
Warning: Risk of Electric Shock. When used outdoors, install only to a covered Class A GFCI protected receptacle that is waterproof with the power unit connected to the receptacle. If one is not provided, contact a qualified electrician for proper installation. Ensure that the power unit and cord do not interfere with completely closing the receptacle cover.

Step 1: Locate transformer mounting location 4 feet above grade. Ensure location is within 4 feet of water proof GFCI protected 120vac outlet. Use provided mounting template to locate mounting holes. WARNING: Do not use extension cord to power transformer.



Step 2: Drill holes using 1/8" bit. Install provided anchors. Install stainless steel mounting screw into the anchor leaving 3/16" gap between screw and anchor. Hang the transformer on the screws and mark and drill the third mounting hole. Install anchor and tighten screw.





Step 3: Use UNDERGROUND LOW ENERGY CIRCUIT CABLE SPT STYLE for homerun wires. Refer to NEC for cable installation details. ULS PN# 4210002. Once your HUBs have been placed, run your home-runs back to the transformer. Attach one side of the homerun to the COM output and the other side to the 12v output.

Step 4: Polarity is not a problem with low voltage lighting. The wire is marked with the ratings on one leg and ribbed texture on the other leg. Make sure one leg is attached the COM and one leg is attached to one of the output taps. Below are the steps taken to achieve propor voltage at the HUB.

A: To determine the maximum number of fixtures that can be safely connected to this transformer add up the VA ratings of all fixtures (not included) The total VA must not exceed 150w.

B: Measure voltage at HUB. If voltage is less than 12v move wire to a higher tap until you achieve 12v at the HUB.

C: Repeat step 1 until all HUBs have been tested and set to 12v. Use a TRUE RMS amp probe to test primary amperage. The amperage should not exceed the rating posted on the door of the transformer.

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