



Garden Light LED
800-511-2099
www.gardenlightled.com

P12 SERIES INSTALLATION INSTRUCTIONS

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

Follow all NEC guidelines and local electrical codes.

NOTE: Use Garden Light LED transformers only - Garden Light LED will not repair or replace under warranty any luminaires or drivers that have been damaged as a result of using other manufacturer's equipment.

Garden Light LED luminaires using LED technology have an operating voltage range of 10.5 - 20 Volts AC.

WARNING - RISK OF ELECTRIC SHOCK: This luminaire must not be installed within 10FT (3.05m) of a pool, spa or fountain.

Low voltage wire is intended for shallow burial only and should be at a maximum depth of 6 inches (152mm).

LUMINAIRE INSTALLATION (see Figure 1.)

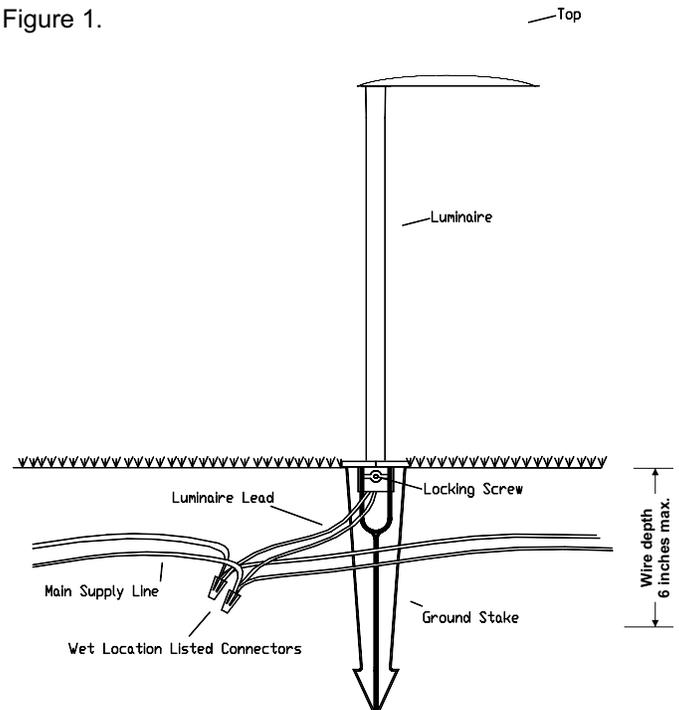
1. To prevent electrical shock, unplug transformer from the electrical outlet before installation or service of Luminaire or Driver.
2. This Luminaire comes with a replaceable Driver in the top. Do not pull out the Driver for normal installation. Only remove if the Driver needs to be replaced.
3. Run Luminaire Lead through the top of Ground Stake and thread Luminaire onto the Ground Stake.
4. Drive the Luminaire / Ground Stake assembly into the ground at the desired location (using a hammer on the edge of the Ground Stake if necessary).
5. Secure Luminaire in place using the Locking Screw.
6. Strip the two Luminaire Leads to the appropriate length and attach them to the Main Supply Lines using Listed Wet Location Wire Connectors. To protect the wire connection, route the wire in close proximity to the Luminaire.

LED DRIVER REPLACEMENT

NOTE: The Driver must be properly connected to avoid LED damage.

1. **IMPORTANT** - Ensure that the power transformer is off and unplugged before proceeding with driver replacement. *****Failure to do so will damage the LED and void the warranty.*****
2. Unscrew Top from post to expose Driver.
3. Gently pull the Driver out of the post.
4. Cut the Red and Black wires as close to the Driver as possible.
5. Disconnect the Luminaire Lead from the Main Supply Line.
6. Attach the new Driver **FIRST** to the Luminaire, using butt splices and heat shrink or Listed connectors suitable for wet locations. Attach Red to Red and Black to Black on the Luminaire. *****Polarity matters. If connected incorrectly, the Driver and/or Luminaire will be damaged and the warranty will be void.*****
7. Once the Driver-to-Luminaire connection has been made, the Main Supply Line can be reconnected using the methods outlined above.
8. Push the new Driver back in to Post and reattach Top.
9. The lighting system can now be plugged in and turned on to verify functionality.

Figure 1.



NOTES:

Garden Light LED Drivers self-regulate to keep the LED brightness the same throughout the entire voltage range, ensuring a consistent output among Luminaires. It is not necessary to balance the voltage to each Luminaire.

*****Use only wire connectors Listed for wet locations. Contact Garden Light LED for suitable connectors. (800-511-2099)**

*****If additional wire is needed to connect the Luminaire to the low voltage transformer, contact Garden Light LED. (800-511-2099)**

If you have any questions regarding installation or Garden Light LED luminaires, please call 800-511-2099 and our knowledgeable staff will assist you.