



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

# WW/MWW 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. **LISTED FOR OUTDOOR USE ONLY**

This Garden Light LED luminaire uses LED technology that has an operating voltage range of 10.5 - 18 Volts AC. Garden Light LED recommends using a 15 Volt tap.

**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.)

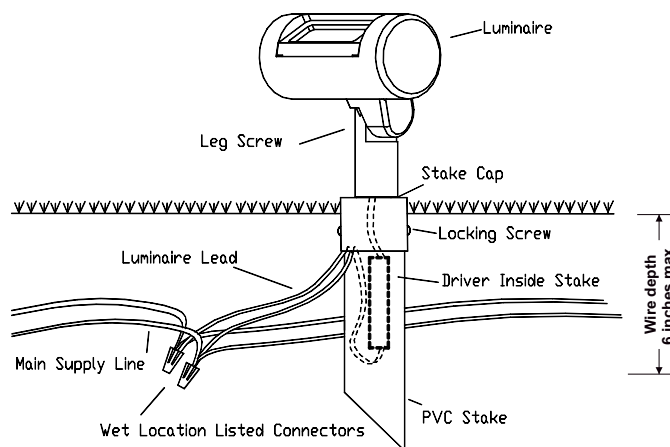
1. To prevent electrical shock, unplug transformer from the electrical outlet before installation or service of Luminaire or Driver.
2. Run Luminaire Lead through the Stake Cap and thread Stake Cap onto the base of the Luminaire.
3. Drive the PVC Stake into the ground at the desired location (using a hammer if necessary) then remove it along with the dirt in the center of the PVC Stake. Shake the dirt out of the PVC Stake and reinsert the PVC Stake into the ground. This creates a cavity to house the LED Driver directly under the Luminaire.
4. With the PVC Stake in place, put the Driver into the PVC Stake cavity while pushing the Luminaire Lead into the cavity. **The Driver must be inside the PVC Stake.**
5. Route the Luminaire Lead through the slot on top of the PVC Stake. Place Stake Cap / Luminaire assembly on top of the PVC Stake, then adjust the Luminaire to the desired angle and tighten Leg Screw.
6. Secure Stake Cap / Luminaire assembly to the PVC Stake with Locking Screws.
7. 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. Loosen the Stake Cap Locking Screws and remove the Stake Cap and Luminaire.
3. Cut the Red and Black wires between the Driver and the Luminaire.
4. Disconnect the Luminaire Lead from the Main Supply Line.
5. 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.\*\*\***
6. Once the Driver-to-Luminaire connection has been made, the Main Supply Line can be reconnected using the methods outlined above.
7. The lighting system can now be plugged in and turned on to verify functionality.

Figure 1.



## SUITABLE FOR UPWARD LIGHTING ONLY

**IF INSTALLED IN A MANNER NOT OUTLINED IN THIS DOCUMENT, FACTORY WARRANTY MAY BE VOID.**

## 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.