



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

# MWL 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.

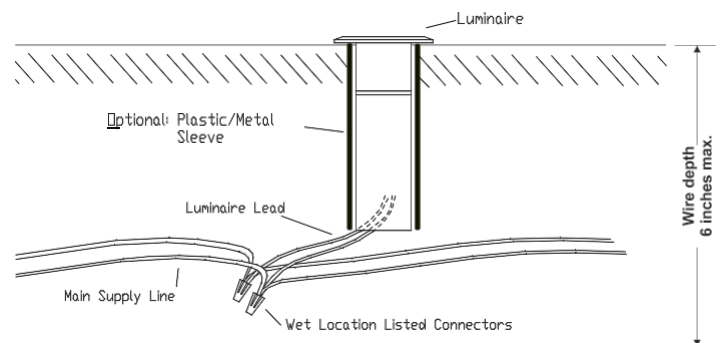
**WARNING - RISK OF ELECTRIC SHOCK:** This luminaire must not be installed within 10FT (3.05m) of a pool, spa or fountain.

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. Mount the Luminaire in a cavity 4 inches deep using the core drill sizes below:
  - a. If mounting Luminaire in the Optional Plastic / Metal Sleeve, use 1-3/8" diameter core drill to create the cavity. This will leave room around the Sleeve to use adhesive or mortar.
  - b. Otherwise, use 1-3/16" diameter core drill to create the cavity.
3. 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.
4. Push the Luminaire Leads into the cavity and then insert the Luminaire into the cavity.
  - a. If using the Optional Plastic / Metal Sleeve: before inserting Luminaire, wipe off the Luminaire body and the inside of Sleeve to ensure O-Ring creates a proper seal.

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.