

Installation Instructions

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS.

IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

(Failure to follow the warnings and instructions on this sheet could result in fire, injury, failure of product, and/or voiding of warranty.)

- Do not touch luminaire while lamp is on. Turn off/unplug and allow to cool before replacing lamp.
- Lamp gets HOT quickly! Contact only switch/plug when turning on.
- Do not touch hot lens, body, cap, or knuckle.
- Keep lamp away from materials that may burn.
- Do not touch lamp at any time. Use a soft cloth. Oil from your skin may damage lamp.
- Do not operate the luminaire with damaged or missing parts.
- Do not install luminaire within 10 feet of a pool, spa, or fountain.
- Have fixture installed in accordance with all applicable installation codes and standards by a person familiar with the construction and operation of the fixture and the hazards involved.
- Use only cable properly rated for the application. Cable buried more than 6" must be suitable for direct burial. Direct burial cable may be ordered from Vision3 Lighting.
- MO1 housing is intended for use in wet locations only and should not be used where it may become submersed in water.
- All conduit must be properly attached to the housing and sealed at the fixture. Sealing the conduit entering each fixture prevents any leaks from traveling through the conduit system and causing catastrophic failures. Failure to cap unused conduit entry slip fittings or seal any conduit entering the housing will void the warranty.**

Un-assemble & Inspect:

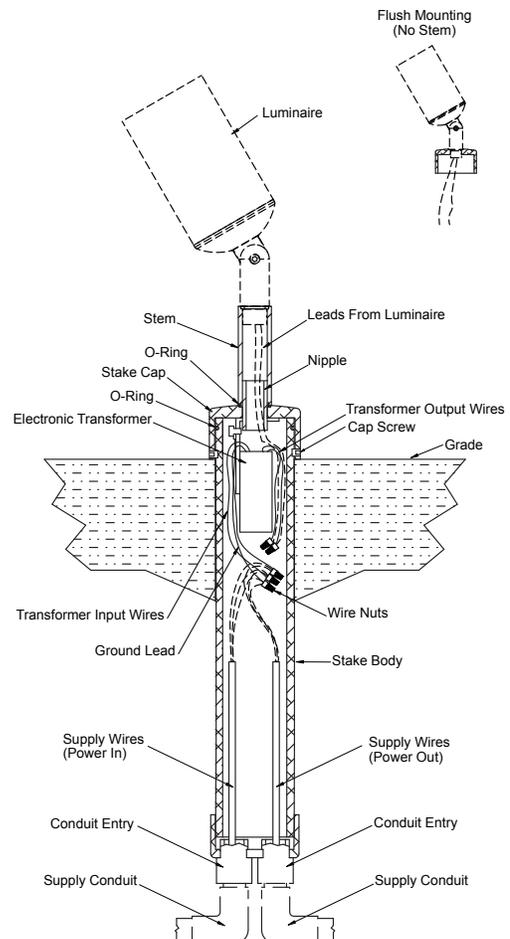
- Unpack the MO1 Junction Mount with Transformer from its shipping container. Note: The MO1 Junction Mount with Transformer may be packaged partially un-assembled for ease of handling and shipping.
- Check that there are no damaged or missing components.
- Loosen the three Cap Screws using a 3/32" hex tool.
- Remove the Stake Cap from the Stake Body.

Install Stake Body In-grade:

- At the desired location, prepare an appropriate size hole for the Stake Body.
- Run conduit (not supplied) to the prepared hole. Note: Check all applicable building codes for requirements regarding landscape lighting conduit and cable.
- Place the Stake Body in-grade so that the line on the grade label is at grade. Note: the MO1 Junction Mount with Transformer must not be installed such that any part of the Stake Cap will be buried or touching any soil or ground covering. Failure to keep the Stake Cap from touching the ground will void warranty and may cause rapid corrosion of metal parts.
- Keeping the Stake Body at the appropriate level from Step 3, attach the Supply Conduit to the Conduit Entry fittings on the Stake Body using PVC cement appropriate for underground electrical conduit. Cap any unused Conduit Entry with the appropriate plug and PVC cement to prevent leaking. Seal conduit entering the Stake Body to prevent any water that may leak in to the conduit system from entering the Stake Body and causing catastrophic failures. **Note: All conduit must be sealed at the fixture. Failure to cap unused conduit entry slip fittings or seal any conduit entering the Stake Body will void the warranty.**
- Secure the Stake Body by filling in the hole. Make sure that the proper level from Step 3 is maintained.
- Feed enough supply wiring through the conduit into the Stake Body to facilitate connection with Luminaire.

Make electrical connections:

- If the MO1 Junction Mount with Transformer is purchased from Vision3 Lighting with a Luminaire, it will be wired to the transformer at the factory. Go to step 6.
- Pull the leads from the Luminaire through the Stem, or Stake Cap if a stem option is not being used. Note: depending on Stem length, lead extensions may need to be butt spliced onto the Luminaire leads (wire and butt splices not included).



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3. Thread the Luminaire on to the Stem, or Stake Cap. Note: Make sure to use an O-Ring where the Stem or Luminaire attaches to the Stake Cap to prevent water entry. Failure to ensure a water tight mount will void the warranty and potentially damage the system.
4. Strip and clean the leads from the Luminaire and the Transformer Output Wires.
5. Using the appropriate sized wire nuts (not supplied), connect the leads from the Luminaire to the Transformer Output Wires. Note: Check all applicable building codes for requirements regarding appropriate size and usage of wire nuts.
6. Using the appropriate sized wire nuts (not supplied), connect the Supply Wires to the Transformer Input Wires. Note: check that the transformer is correctly rated for the power being supplied and the lamp being used.
7. Using the appropriate sized wire nut (not supplied), connect the supply ground wire to the green Ground Lead coming from the bracket holding the Transformer.

Re-assemble:

1. Carefully slip all wiring and connectors into the Stake Body.
2. Clean O-Ring and examine for any nicks or cuts.
3. Place the Stake Cap assembly on the Stake Body. Note: Twisting cap while pushing over O-Ring will ease installation.
4. Rotate the Stake Cap to aim. Refer to Luminaire installation instruction sheet for vertical aiming procedure.
5. Tighten the three Cap Screws using a 3/32" hex tool.