

## 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 Driver from its shipping container. Note: The MO1 Junction Mount with Driver 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.

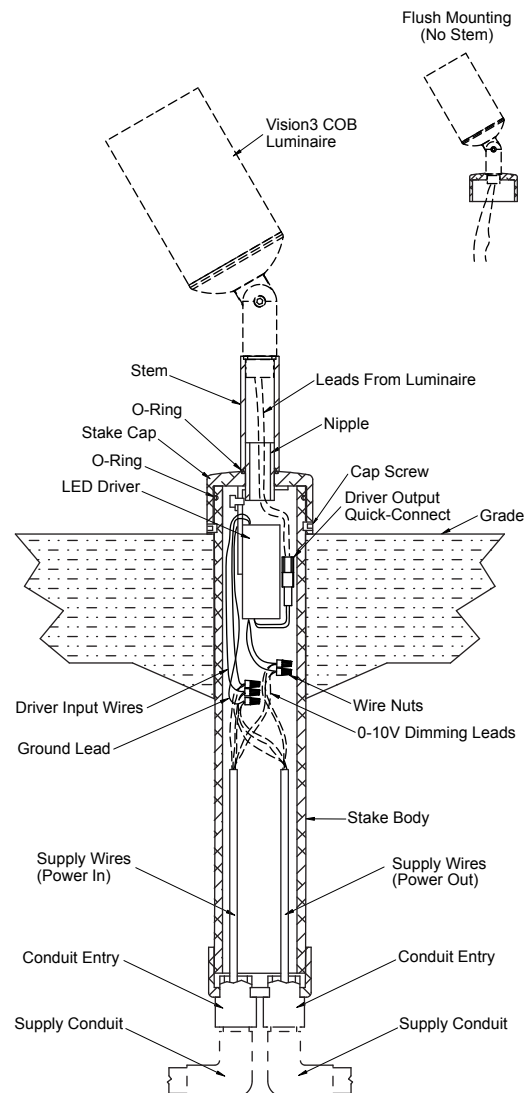
#### Install Stake Body In-grade:

- 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 Driver 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:

Note: The MO1 Junction Mount with Driver must be purchased with a Vision3 COB Luminaire which will be installed and wired to the driver at the factory.

- Using appropriate sized wire nuts (not supplied), connect the supply hot wire (typically black) to the black Driver Input Lead, the supply neutral wire (typically white) to the white Driver Input Lead, and the supply ground wire (typically green) to the green



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Ground Lead coming from the bracket holding the Driver. Note: check that the driver is correctly rated for the power/amperage being supplied and the luminaire being used.

- For models with 0-10V Dimming: Connect the Driver's Dimming Leads to the dimming control wires using appropriate connectors (not supplied) per applicable codes. The 0-10V(-) control wire (typically gray or pink) should attach to the Driver's gray or pink Dimming Lead. The 0-10V(+) control wire (typically purple) should attach to the Driver's purple Dimming Lead. If 0-10V dimming is not being used, each of the fixtures dimming leads should be cut and capped separately (connectors not supplied). Note: capping the dimming leads together or allowing them to touch ground may prevent the LED from operating normally. Make sure they are capped separately if not being used.

#### Re-assemble:

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

#### Driver Module Replacement:

Note: Check that the new driver is correctly rated for the power/amperage being supplied and the luminaire being used.

1. Remove power from fixture and let cool before touching. **Caution! Luminaire(s) may still be hot!**

2. Loosen the three Cap Screws using a 3/32" hex tool. – **do not remove screws!**

3. Pull the Stake Cap from the Stake Body.

4. Disconnect the Driver Output Quick-Connect.

5. Remove all Wire Nuts from the Supply Wires, Ground Leads, and 0-10V Dimming Leads.

6. Remove the two screws holding the Power Module bracket to the Stake Cap using a 3/32" hex tool.

7. Remove the Power Module.

8. Install the new Power Module and secure to the Stake Cap using the original two screws.

9. Connect the Driver Output Quick-Connect to the quick-connect on the Vision3 COB Luminaire.

10. Reconnect the Supply Wires, Ground Leads, and Dimming Leads as explained in Make Electrical Connections above.

11. Re-assemble as explained in the Re-assemble section above.

