

Installation Instructions

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

Warning! To reduce the risk of FIRE OR INJURY TO PERSONS:

1. Do not touch luminaire while lamp is on. Turn off/unplug and allow to cool before replacing lamp.
2. Lamp gets HOT quickly! Contact only switch/plug when turning on.
3. Do not touch hot lens, body, cap, or knuckle.
4. Keep lamp away from materials that may burn.
5. Do not touch lamp at any time. Use a soft cloth. Oil from your skin may damage lamp.
6. Do not operate the luminaire with damaged or missing parts.
8. Do not install luminaire within 10 feet of a pool, spa, or fountain.
9. 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.
10. 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.
11. Ballast is intended for use in wet locations only and should not be used where it may become submersed in water.
12. **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 ballast failures. Failure to cap unused conduit entry slip fittings or seal any conduit entering the housing will void the ballast warranty.**

SAVE THESE INSTRUCTIONS

Un-assemble & Inspect:

1. Unpack the BM1 Stake Mount Ballast from its shipping container.
2. Check that there are no damaged or missing components.
3. Loosen the three S.S. Set Screw's in the Stake Cap using a 3/32" hex tool.
4. Remove the Stake Cap and ballast assembly from the Stake Body.

Install Stake Body In-grade:

1. At the desired location, prepare an appropriate size hole for the Stake Body.
2. Run conduit (not supplied) to the prepared hole. Note: Check all applicable building codes for requirements regarding landscape lighting conduit and cable.
3. Place the stake in-grade and attach the supply conduit to the Conduit Slip Fittings on the Stake Body using PVC cement appropriate for underground electrical conduit. Cap any unused Conduit Slip Fittings with the appropriate plug and PVC cement to prevent leaking. Seal conduit entering the housing to prevent any water that may leak in to the conduit system from entering the housing and damaging the ballast. **Note: 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 ballast failures. Failure to cap unused conduit entry slip fittings or seal any conduit entering the housing will void the ballast warranty.**
4. Adjust the stake so that the line on the grade label on the Stake Body is at grade.
5. Secure the stake in-grade by filling in the hole.
6. Feed enough supply wiring through the conduit into the Stake Body to facilitate connection.

Make electrical connections:

1. Luminaire will be mounted to Stake Cap and wired to the ballast from the factory. Using the appropriate sized wire nuts (not supplied), connect the supply wires to the black and white Ballast Input Wires. Note: Check that the Ballast is correctly rated for the supply power.
2. Using the appropriate sized wire nut (not supplied), connect the supply ground wire to the green Ground Lead coming from the bracket holding the Electronic Ballast.

Re-assemble:

1. Clean O-Ring and examine for any nicks or cuts. Lubricate with Krytox brand lubricant if needed.
2. Carefully slip all wiring and connectors into the Stake Body.
3. Place the Stake Cap/ballast assembly on the Stake Body. Note: Twisting cap while pushing over O-Ring will ease installation.
4. Rotate the Stake Cap to horizontally aim Luminaire. Refer to luminaire installation instruction sheet for vertical aiming procedure.
5. While keeping the Stake Cap centered on the Stake Body, tighten each set screw until it just comes in contact with the Stake Body.
6. Once all set screws are in contact with the Stake Body, and the Stake Cap is centered, slightly tighten each screw to hold the Stake Cap in place. **NOTE: Not keeping the Stake cap centered on the Stake Body, or over tightening the cap set screws may cause the fixture to leak!!**

