

### **Installation Instructions**

**IMPORTANT: This fixture is designed for use with low voltage landscape power systems and MR16 lamps (maximum 35 watts).**

**WARNING:**

This fixture must be installed in accordance with the National Electric Code and local code specifications. Failure to follow these codes and installation instructions will void the warranty and may result in serious injury and/or damage to the fixture. When using multiple fixtures, do not exceed the total wattage load as specified by the transformer rating. This product is designed for above ground installation only. Always use UL listed wire and wire connectors for connections. Do not operate the fixture if the hood is missing or damaged. Keep these installation instructions for future use.

**WARNING – To reduce the risk of FIRE OR INJURY TO PERSONS:**

This fixture and its lamp may become very HOT, very quickly! Turn the fixture off and give it sufficient time to cool before handling the fixture or the lamp. Contact only switch/plug when turning on. Do not touch a hot lamp, lens, or surrounding housing until it has cooled. Keep lamp away from materials that may burn. Do not touch the lamp with bare hands - always use a cloth when handling the lamp. Oil from the skin may damage/reduce the lamp's effectiveness. **WARNING – Risk of electric shock.** Install all fixtures no less than ten feet (3.05m) from pools, spas, or fountains.

**LOW VOLTAGE CABLE SHALL:**

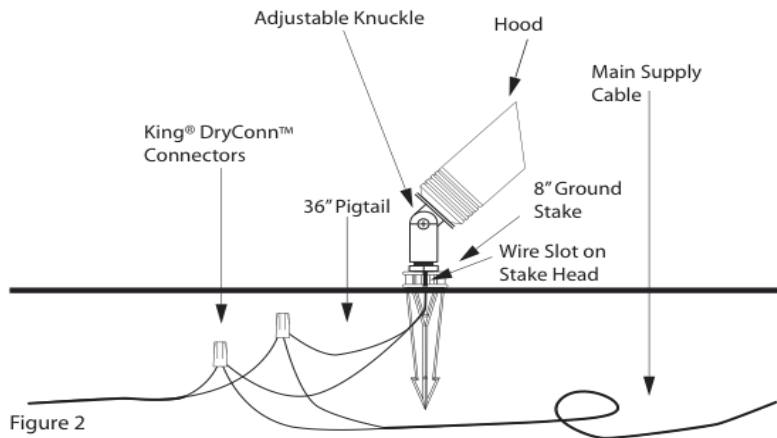
- 1) Be protected by routing in close proximity to the luminaire or fitting, or next to a building structure such as a house or deck.
- 2) Not be buried except for a maximum of 6 inches (15.2 cm) in order to connect to the main low voltage cable.
- 3) Have the length cut off so that is connected to a connector within 6 inches (15.2 cm) from a building, structure, a luminaire, or fitting.

**LAMP INSTALLATION/REPLACEMENT INSTRUCTIONS**

- 1) Prior to installing or servicing this product, disconnect the transformer from the main power supply.
- 2) Loosen the hood thumb screw. Remove the hood from the fixture using a twist and pull motion.
- 3) Insert an MR16 lamp (35 watt maximum) into the lamp socket.
- 4) Replace the hood using a twist and push motion.
- 5) Tighten the hood thumb screw to secure the hood.

**Reminder:** Do not operate the fixture with the lamp exposed.

**IF THE FIXTURE IS NOT YET INSTALLED, PROCEED WITH FIXTURE MOUNTING INSTRUCTIONS BELOW.**



### **FIXTURE MOUNTING INSTRUCTIONS**

- 1) Prior to installing or servicing this product, disconnect the transformer from the main power supply.
- 2) Insert the pigtail wires from the bottom of the fixture through the hole and slot located on the head of the mounting stake.
- 3) Screw the fixture into the mounting stake hole.
- 4) Place the fixture/stake in the desired location. Insert the stake into the ground in the desired location until the bottom of the stake head rests on the ground surface.
- 5) Strip the two fixture pigtail wires. Attach the two fixture leads to the two main supply cable leads using the two provided King® DryConn™ waterproof connectors. Using a Phillips head screwdriver, loosen the screw located in the knuckle. Angle the fixture to the desired position and retighten the screw.
- 6) Reconnect the transformer to the main power supply. Turn on the power to the fixture and verify proper position and operation.

**Note: In hard soil, the mounting stake can be inserted into the ground using a hammer, prior to attaching the fixture.**

### **LED INSTALLATIONS**

Most Halco ProLED MR16 lamps have an operating voltage range of 10-18 volts AC. Please verify the lamp's allowable voltage range listed on the product packaging. Operating ProLED MR16 lamps with voltage greater than its specified range may damage the internal components of the LED and voids the manufacturer warranty. ProLED lamps maintain light output, full color, and instant start capabilities to temperatures down to -20 degrees Celsius. ProLED MR16 lamps will operate at the desired light output with voltage down to the lower listed voltage and up to the higher listed voltage, providing balanced light output from the fixture located closest to the transformer to the fixture located furthest from the transformer.