

# L-010

**LAMP TYPE: 12V, MR16, GU5.3 bi-pin base**  
**Maximum 15 Watts LED, 75 Watts halogen**

**WARNING** — Risk of Electric Shock. Install all luminaires 10 feet (3.05 m) or more from a pool, spa, or fountain. Verify that power is OFF before installing this fixture. This fixture must be installed in accordance with the National Electric Code and/or local codes. Failure to do so may result in serious personal injury or death. Wiring must be done by a licensed electrician.

## **INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS**

### **IMPORTANT SAFETY INSTRUCTIONS**

Lighted lamp is HOT!

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

- Turn off/unplug and allow to cool before replacing lamp.
- Lamp gets HOT quickly! Contact only switch/plug when turning on. Low voltage luminaires can become very hot, depending on the lamp wattage used. Glass lens and metal areas around lamp can become hot enough to blister hands. Particular care should be taken not to locate fixtures where small children can reach them if higher wattages are used.
- Do not touch hot lens, guard, or enclosure.
- Keep lamp away from materials that may burn.
- Do not touch the lamp at any time. Use a soft cloth. Oil from skin may damage lamp.
- Do not operate the luminaire fitting with a missing or damaged shield.

### **SAVE THESE INSTRUCTIONS**

This is a low-voltage fixture for use with maximum 25A, 15V power units only. A remote transformer is required. Do not overload the transformer by installing or relamping with higher wattage lamps that together exceed the capacity of the transformer. The low-voltage cable shall: a) be protected by routing in close proximity to the luminaire or fitting, or next to a building structure such as a house or deck; b) not be buried except for a maximum 6 inches (15.2 cm) in order to connect to the main low-voltage cable; and c) have the length cut off so that it is connected to a connector within 6 inches (15.2 cm) from a building structure, a luminaire, or fitting.

## **INSTALLATION**

1. Dig a minimum 12" diameter x 13" deep hole at desired location, and a narrow trench for the fixture cord to join wiring from transformer.
2. Cover the bottom of the hole with pea gravel 3-4" deep.
3. If the glare shield or protection grate is used, take into account the orientation of the accessory's mounting holes on the Cover when placing the fixture into the hole. Ensure the fixture is positioned as desired before back-filling the hole.
4. Verify that the power is off. Use the supplied silicone-filled wire nuts to join the main wires to the fixture leads.
5. Back fill hole with dirt, sloping it away from fixture's Cover. For concrete installation, fill hole first with enough dirt to cover the wires, then fill the rest of the hole with concrete. Do not exceed the height of the factory-installed Concrete Ring. Slope concrete away from fixture's Cover.



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## **SETTING LAMP ANGLE & LAMPING**

1. Unscrew the six button-head screws in the Cover with a 1/8" hex wrench. Remove Cover. For relamping, skip to Step 6.
2. Loosen (do not remove) the two Phillips-head screws inside the fixture to free the brass Rotation Ring.
3. Rotate the assembly to align the end-holes in the Rotation Ring with the screw heads. Pull rotation assembly out of the fixture.
4. Using a 3/32" hex wrench, loosen the two pivot screws on the sides of the Angling Bracket. Tilt the Bracket to the desired angle then tighten the pivot screws securely.
5. Replace the Rotation Ring over the Phillips screws and rotate to the desired orientation. Secure the Ring in place by tightening the Phillips screws. Ensure that all wiring is completely below the Rotation Ring and not caught between the Ring and the fixture's composite housing.
6. Holding the lamp at its base, pull straight up to remove from socket.
7. Holding the new lamp at its base, align the lamp pins with the holes in the socket and insert by pushing straight down.
8. Replace Cover and six screws.

