

# L-010

**LAMP TYPE: LED Module, Maximum 12 Watts**  
**GU5.3 MR16 self-ballasted LED, Maximum 15 Watts**

*Fixture may be installed less than 5 ft (1.5 m) from the inside walls of a pool, spa, or fountain when supplied by listed transformers or power supplies that comply with NEC 680.23(A)(2).*



**WARNING – RISK OF ELECTRIC SHOCK.** This product must be installed in accordance with applicable codes by a person familiar with the construction and operation of the product and the hazards involved. Failure to do so may result in serious personal injury or death.

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. Protect the fixture wiring by routing in close proximity to the luminaire or fitting, or next to a structure like a house or deck. Do not bury except for a maximum 6 inches (15.2 cm) to connect to the main low-voltage cable. Trim fixture wires so connection is made within 6 inches (15.2 cm) from a building structure, luminaire, or fitting. Contact Beachside Lighting below to order main low voltage cable and accessories.

- FOR USE WITH LANDSCAPE LIGHTING POWER SUPPLY ONLY
- THIS DEVICE IS ACCEPTED AS A COMPONENT OF A LANDSCAPE LIGHTING SYSTEM WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY THE LOCAL INSPECTION AUTHORITIES HAVING JURISDICTION
- DO NOT CONNECT TWO OR MORE POWER SUPPLIES IN PARALLEL
- LANDSCAPE LIGHTING SYSTEMS ARE FOR OUTDOOR USE ONLY
- NOT FOR USE IN DWELLING UNITS

## INSTALLATION IN EARTH

1. Dig a minimum 12" diameter x 12" 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. Verify that the power is off. Use the supplied silicone-filled wire nuts to join the main wires to the fixture leads.
4. 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.
5. Back fill hole with dirt, sloping it away from fixture's Cover.

## INSTALLATION IN CONCRETE with CP-KIT

**IMPORTANT:** When running the supply wire, leave a loop at least 12" long in the Junction Box so the connections can be made outside the pipe when installing the fixture.

1. Refer to the instructions that came with the CP-KIT for proper installation prior to pouring concrete.
2. After concrete is cured, remove the Foam Disc from inside the Installation Collar.
3. Remove the Junction Box Cover from the Junction Box at the bottom of the Pipe
4. Feed the cord from the fixture through the Cordgrip in the Junction Box Cover, leaving enough cord for the fixture to be laid on its side next to the hole with the Cover still on the Junction Box. Trim cord



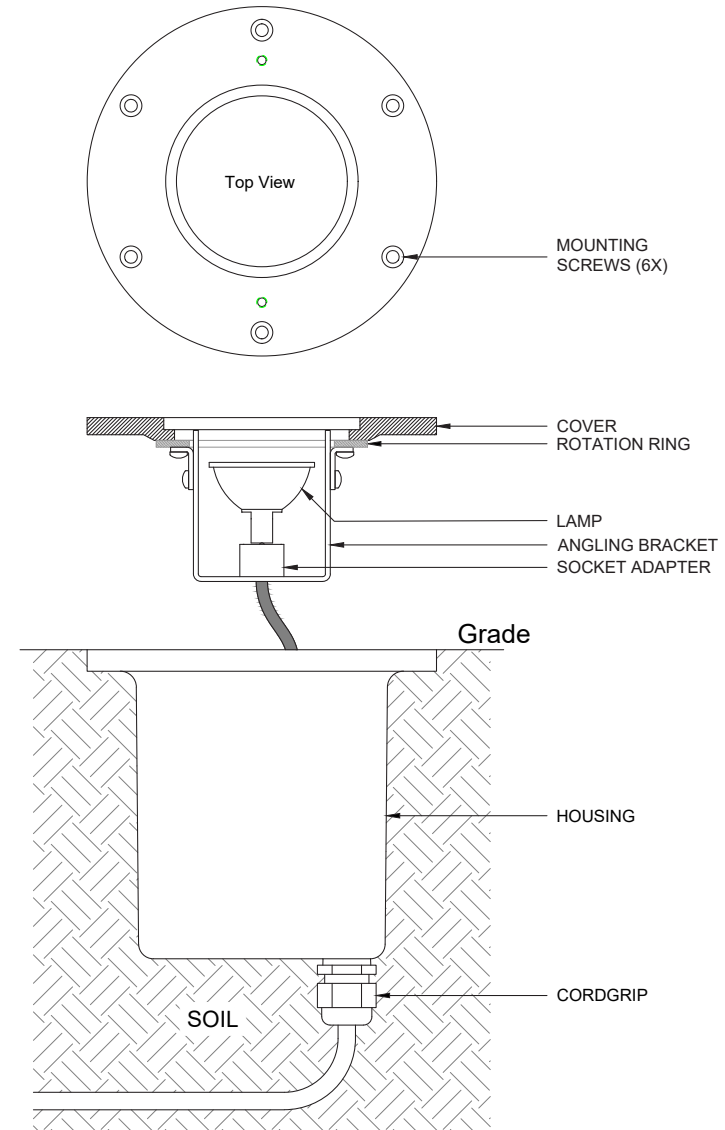
CSA Listed, file # 190030

www.BeachsideLighting.com  
808-405-6732



5. as necessary. Seal the cord in the Cord Grip by tightening the cap to 50 - 55 in-lbs (5.6 - 6.2 Nm).
5. Use the supplied silicone-filled wire nuts to join the supply wires to the fixture leads. Replace the Junction Box Cover.
6. Remove the brass fixture Cover from the Housing by removing the six button head screws.
7. Lower the Housing into the installation Collar and rotate it so at least two of the threaded brass inserts in the Collar are visible through the concentric slots in the Housing's flange. Secure the Housing to the Collar with the supplied flat head screws.
8. Ensure the o-ring is fully seated in the groove and replace the brass Cover on the Housing flange. Tighten the six button head screws until the Cover bottoms out on the Housing. (It will get more difficult as the Cover gets closer to bottoming out. This is normal as the o-ring is compressed.) When the Cover is fully installed, it will be flush with the top of the thin wall around the top of the Collar.

The Cover can be installed in any of six positions to achieve angling in the desired direction. If finer adjustment is desired, the Housing can be rotated by loosening the screws in the slots .



### SETTING LAMP ANGLE & RELAMPING (MR16)

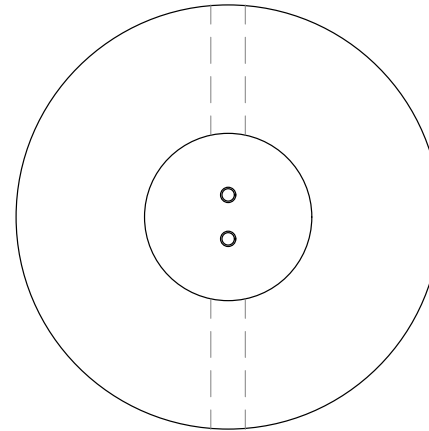
1. Verify that the power is off. Unscrew the six mounting screws and remove the Cover & Lamp assembly from the Housing.
2. Loosen the two pivot screws on the sides of the Angling Bracket and tilt the Bracket 90° to gain access to the lamp.
3. Hold the lamp at its base and pull straight out to remove from socket.
4. Align the pins on the new lamp with the holes in the socket and insert fully.
5. Tilt the Bracket to the desired angle and tighten the pivot screws.
6. In addition to the six positions in which the Cover can be installed, finer aiming is possible by adjusting the position of the Rotation Ring by loosening the screws holding it to the underside of the Cover.
7. Replace Cover and mounting screws.

### RELAMPING (LED Module)

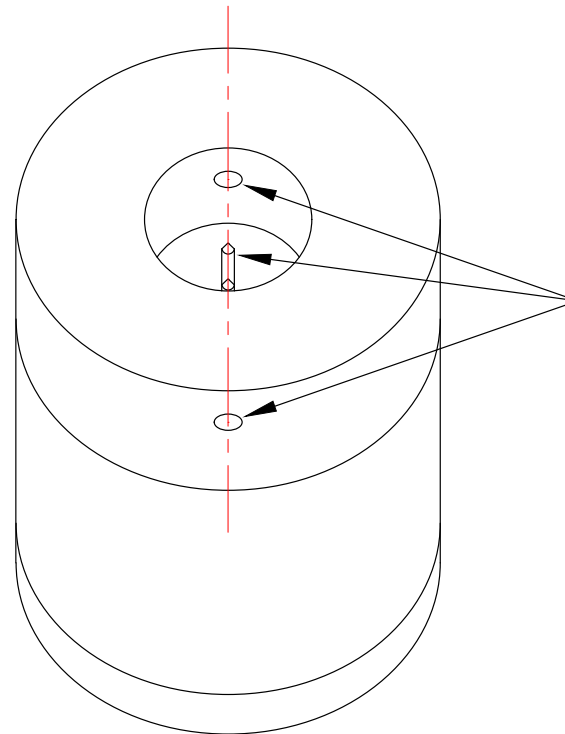
1. Verify that the power is off. Unscrew the six mounting screws and remove the Cover & Lamp assembly from the Housing.
2. Loosen the two pivot screws on the sides of the Angling Bracket and tilt the Bracket 90° to gain access to the LED Module.
3. Loosen the two set screws on either side of the base of the LED Module and pull straight out to remove from socket.
4. The set screws holes in the base of the Module are aligned with the pins inside. Use them as a guide to align the pins with the terminals in the Socket and push the LED Module fully onto the socket. Properly installed Module will sit flat on the Bracket.
5. Tilt the Bracket to the desired angle and tighten the pivot screws.
6. Replace Cover and mounting screws.

### CHANGING OPTICS ON LED MODULE

1. Follow steps 1 - 3 in "RELAMPING" above.
2. Unscrew the small, round cap that surrounds the optic on the end of the LED Module.
3. Remove the old optic and carefully replace with new optic. Be sure that the small silicone gasket recessed in the channel at top of Module remains in place.
4. Screw the cap back onto the Module
5. Follow steps 4 - 6 in "RELAMPING" above.



BOTTOM VIEW



PINS ARE ALIGNED  
WITH SET SCREWS