

E8-S

LAMP TYPE: 2, 3, or 4-Watt LED Module

SUITABLE FOR INDOOR OR OUTDOOR USE

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.

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 unit 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. Contact Beachside Lighting for low voltage cable and direct burial wire for use as main secondary wiring.

INSTALLATION

This fixture is to be mounted to an anchored junction box or in-ground mounting spike.

1. Verify that the power is off.
2. Feed the wire leads from the fixture through the Locknut (if not already attached) and junction box or ground spike Cover.
3. Thread the Locknut fully onto the Stem and then thread the Stem into the Cover.
4. Note the direction the fixture will face when the Cover is attached. Aim the fixture and tighten the Locknut down tight to the Cover.
5. Use silicone-filled wire nuts to join fixture wires and wires from power source. Use silicone or electrical tape around wire nuts to ensure proper connection.
6. Push the connections into the junction box or ground spike and attach Cover.
7. The fixture head can be angled by loosening the bolt in the Knuckle with a 5/32" hex wrench and rotated by loosening the larger of the two set screws in the Swivel with a 3/32" hex wrench. (The smaller set screw in the Swivel closest to the Knuckle end is permanently installed and should not be loosened.)
8. Aim fixture head to achieve desired illumination effect.
9. Once aimed, tighten the bolts loosened in Step 7.

MODULE REPLACEMENT

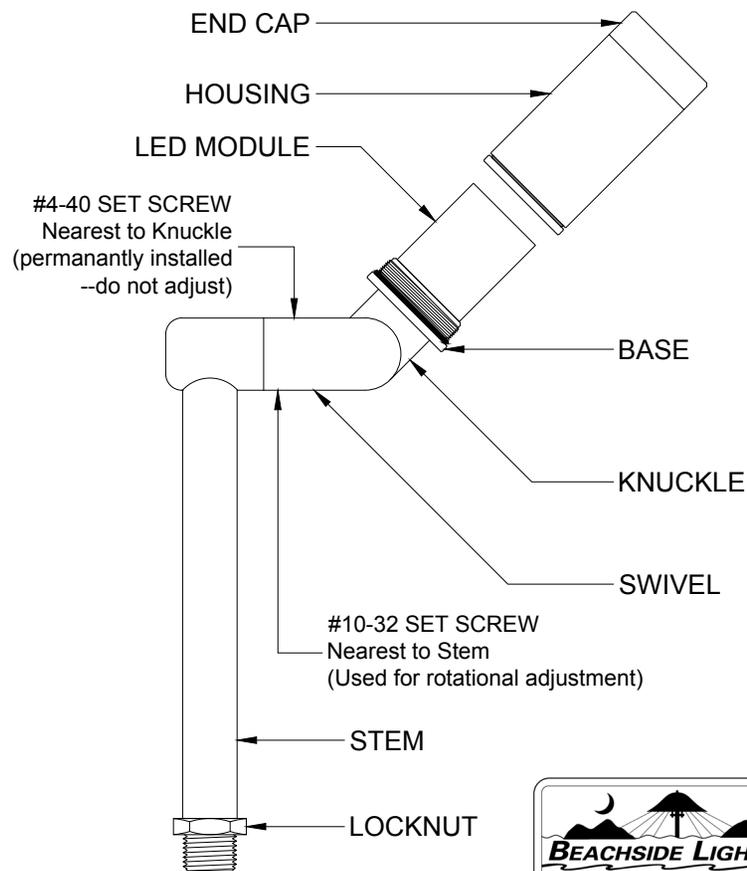
This fixture has a long-life LED module that should not need replacement for years. However, if a Module fails or technology improves and a new one is desired, replacements are available directly from Beachside Lighting (808-263-5717). Once received:

1. Make sure the power is off to the fixture.
2. With the fixture still attached, remove the Cover from the junction box or ground spike.
3. Disconnect the fixture's lead wires from the supply wires and attach a length of wire or string to the ends of the leads to aid in fishing the new leads through the Swivel and Stem. It must be long enough to stick out past the bottom of the Stem and the Swivel.
4. Turn the Housing counterclockwise to unscrew it from the Base. (The Endcap assembly is permanently attached to the Housing. Do not attempt to unscrew this piece.)
5. Remove the bolt in the Knuckle with a 5/32" hex wrench and separate the halves, pulling the wires up through the Stem and out the Swivel, making sure some the guide wire remains exposed at the bottom of the Stem. Detach the guide wire.
6. Unscrew the Module 4-5 revolutions to remove it from the Base. This will result in the wires getting twisted between the Module and the silicone guide in the Knuckle. Untwist the wires once the Module is freed from the Base and pull them through the silicone guide. Push the silicone guide out the end of the Knuckle and save.

7. Feed the lead wires from the new Module through the Base and Knuckle and screw the Module down onto the Base, allowing the wires to spin freely. Push the wires into the silicone guide, slide the guide up the wires, and reinsert it into the Knuckle.
8. Screw the Housing back onto the Base, adding lube compatible with silicone rubber to the o-ring as needed. Do not overtighten.
9. Join the Module leads to the guide wire and pull them through the Swivel and Stem, carefully feeding the wires in at the top while pulling from the bottom. Do not **just** pull on the wires to avoid scraping them along the edge of the Stem inside the Swivel. Remove the guide wire.
10. Orient the wires so there is one on each side of the bolt in the Knuckle and leave enough slack so the Knuckle can be angled for aiming. Carefully rejoin the halves using the bolt removed in Step 5, making sure the wires are safely in the cavity and not being pinched.
11. Use silicone-filled wire nuts to join fixture wires to the power source wires.
12. Reattach the Cover to the junction box/ground spike and ensure fixture head is aimed properly.

CHANGING OPTICS

1. With the power off, turn the Housing counterclockwise to unscrew it from the Base. (The Endcap assembly is permanently attached to the Housing. Do not attempt to unscrew this piece.)
2. Unscrew the small, round cap that surrounds the optic on the end of the 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 and the Housing back onto the Base.



CSA Listed, file # 190030



808-405-6732

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