E8-S2

LAMP TYPE: 2, 3, or 4-Watt LED Module (x2), Maximum 4 Watts

SUITABLE FOR INDOOR USE

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 the applicable installation code by a person familliar 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.

INSTALLATION

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

1. Verify that the power to fixture is OFF.
2. Feed wire leads from fixture through Locknut and junction box/ground spike Cover.
3. Thread Locknut fully onto Stem, then thread Stem into Cover.
4. Aim fixture and tighten Locknut against 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 connections into junction box or ground spike and attach Cover.
7. Fixture head can be angled by loosening the Knuckle screw 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, closest to the Knuckle end, is permanently installed and should not be loosened.)
8. Aim fixture head to achieve desired illumination effect and tighten bolts loosened in Step 7.

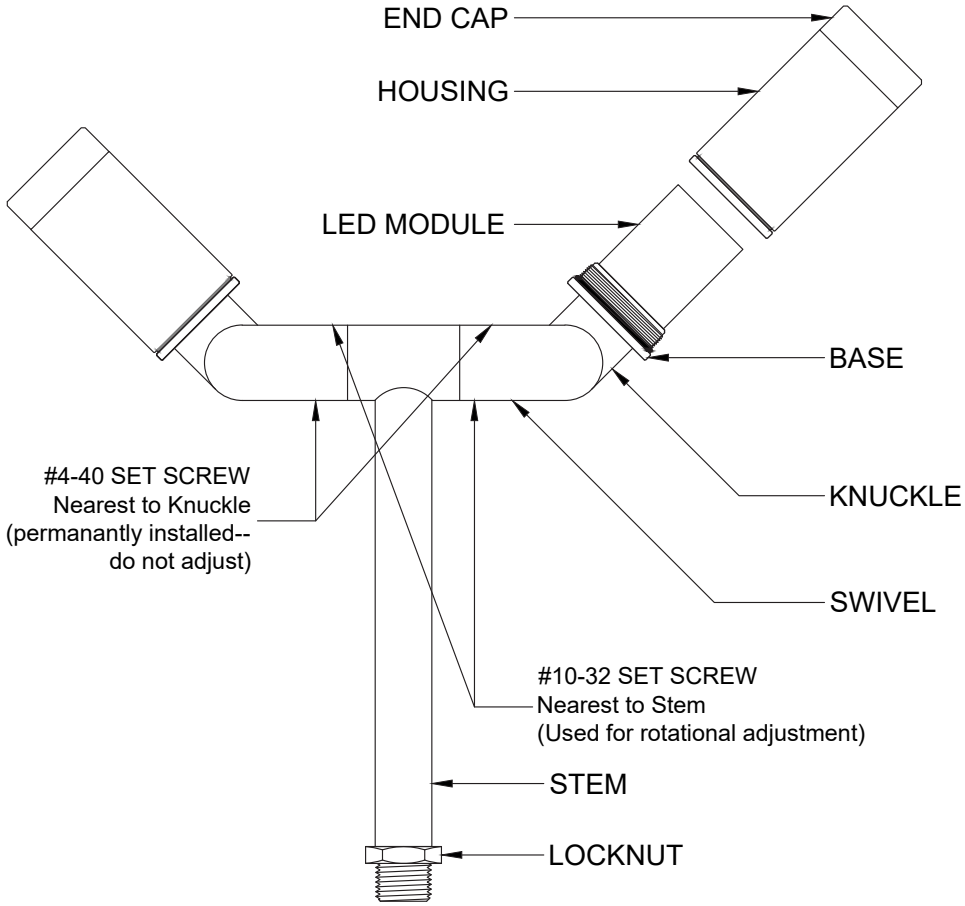
MODULE REPLACEMENT

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. Verify that power to fixture is OFF.
2. With fixture still attached, remove Cover from junction box or ground spike.
3. Disconnect fixture wires from 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. Unscrew Housing from Base by turning it counterclockwise. (Lens/Endcap assembly is permanently attached to the Housing—do not attempt to unscrew.)
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 Module 4-5 revolutions to remove 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 leads from new Module through Base and Knuckle. Screw Module down onto the Base, allowing wires to spin freely. Push wires through silicone guide, slide guide up the wires, and reinsert guide into the Knuckle.
8. Screw Housing back onto Base, adding lube compatible with silicone rubber to the o-ring as needed.
9. Join the Module leads to the guide wire and pull them though 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 wires so there is one on either side of the bolt in the Knuckle and leave enough slack so the Knuckle can be angled for aiming. Carefully rejoin Knuckle 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.



BEACHSIDE LIGHTING HONOLULU

CSA Listed, File # 190030

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