

# E4

**LAMP TYPE: 12V LED module; 2 or 3 Watts**

**WARNING** — Risk of Electric Shock. 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

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

## INSTALLATION

Fixture canopy accepts wiring from the back through a hole in the mounting surface or surface run wiring entering the canopy through the semicircular holes in its sides.

1. Verify that the power is off.
2. Run supply wires to fixture location.
3. Loosen Bracket screws with 5/64" hex wrench and aim Housing down.
4. Position fixture on mounting surface and mark top hole using a loose drill bit through the canopy.
5. Aim Housing up and repeat for bottom canopy hole.
6. Remove fixture and drill 1/8" pilot holes at marked locations.
7. Use included silicone-filled wire nuts to attach fixture wires to wiring from remote transformer. Use silicone or electrical tape around wire nuts to ensure proper connection.
8. Attach canopy to mounting surface with included #8 x 2" brass wood screws.
9. Aiming the fixture is achieved by rotating the Bracket on the Canopy and tilting the Housing in the Bracket: Loosen but DO NOT REMOVE the set screw in the side of the Rotation Arm with a 3/32" hex wrench, rotate Bracket into position, and retighten set screw. Aim Housing by loosening the two screws in the side of the Bracket with a 3/32" hex wrench, tilting the housing as desired, and retightening the screws.

## CHANGING OPTICS

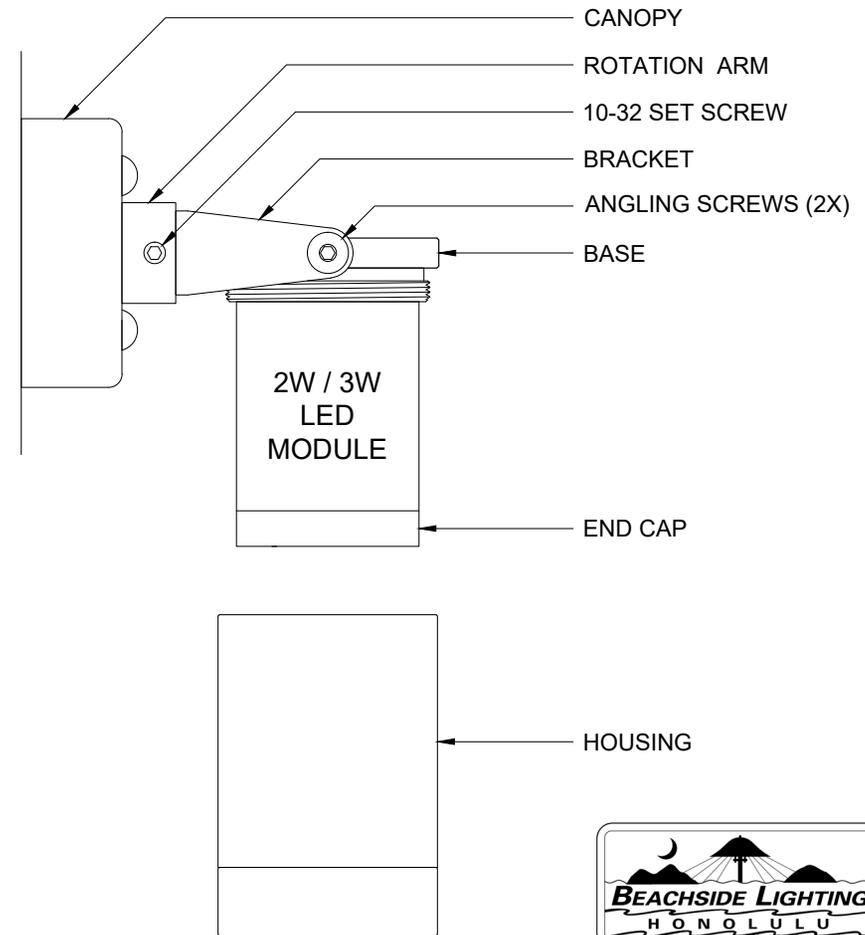
1. Unscrew the Housing from the Base, exposing the LED Module.
2. Unscrew the End Cap that surrounds the optic on the end of the Module.
3. Remove the old optic and carefully replace with new optic. Be sure that the small silicone gasket recessed in the channel at top of module remains in place.
4. Screw the cap back on the Module.
5. Screw the Housing back onto the Base.

Note that **two** 1/8" thick optical accessories can be used together with the three *narrowest* optics. If the wide flood optic (option code "NO") is used, one **one** optical accessory can be installed.

## LED 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 from Beachside Lighting (808-263-5717). The LED Module is replaced as an assembly that includes the brass Base. Once obtained:

1. Turn off power to fixture.
2. Remove fixture from mounting surface and disconnect fixture's lead wires from supply wires. The Bracket and/or Housing may need to be rotated out of position to access the two brass wood screws. Note positioning for reinstallation.
3. Carefully pull wires out through the red silicone plug in the center of the Canopy.
4. Unscrew the Housing from the Base. Unscrew the Angling Screws to free the Base/LED Module and remove.
5. Feed the wires from the new Base/Module assembly through the silicone guide in the Canopy. Leave enough slack to allow angling.
6. Reinstall the Angling Screws into the new Base/LED Module assembly.
7. Reinstall Housing, reattach Canopy, and rejoin fixture wires to supply wires with silicone-filled wire nuts.
8. Re-aim Housing and tighten Locknut and Bracket screws to lock position.



CSA Listed, file # 190030



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