

E16-H

LAMP TYPE: 7, 8, or 11-Watt LED Module, Maximum 12 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 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.

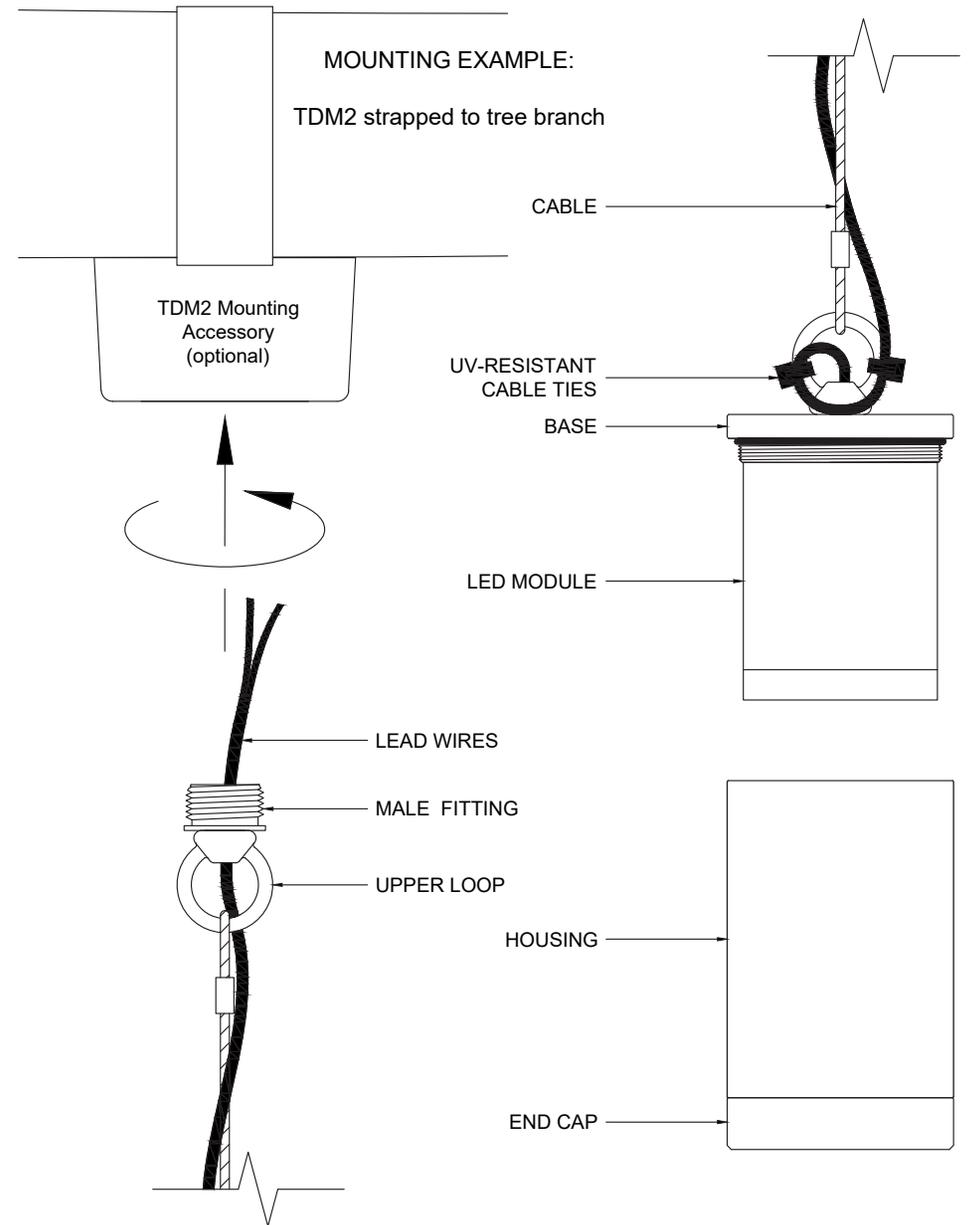
INSTALLATION

The E16-H is designed for use with any of the Beachside Lighting Mounting Accessories listed on its specifications sheet or web page, or any appropriate mount with 1/2" threads.

1. Verify that the power to the fixture is off.
2. The free end of the cable has a loop with a male fitting. Thread the male fitting into the mount.
3. Loop the wire leads coming out of the fixture down along the loop and up its other side, securing them with UV-resistant cable ties as shown, to help keep water away from the entry point. Use caution when trimming the ties—do not nick the wires!
4. Wrap the lead wires around the cable a few times so they don't hang loose, then feed them through the hole in the upper loop and into the mount.
5. Use silicone-filled wire nuts to attach fixture leads to wires from remote transformer. Use silicone or electrical tape around wire nuts to ensure proper connection. Secure the mount.

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
www.BeachsideLighting.com
800-405-6732



08/22

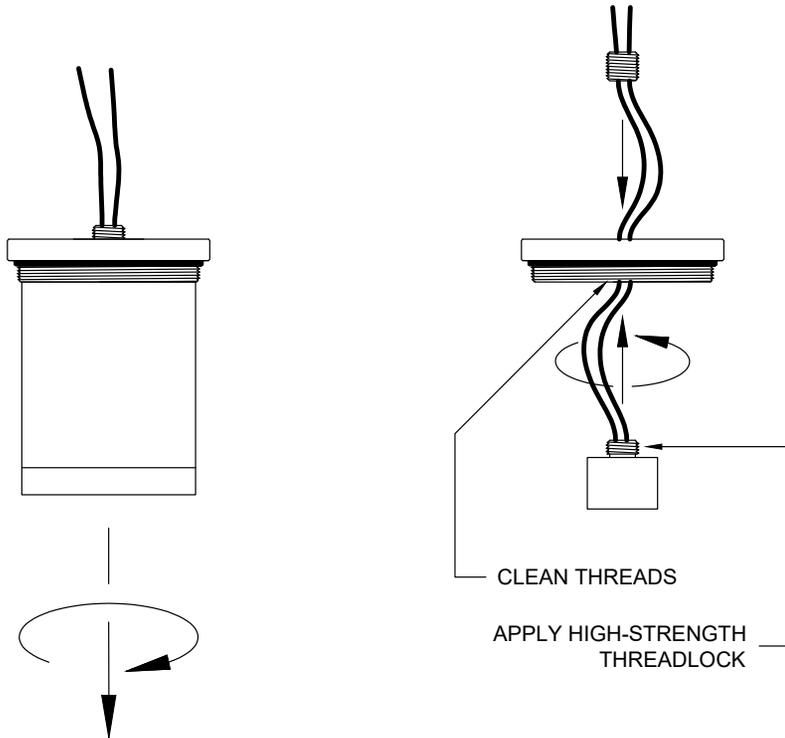
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LED MODULE REPLACEMENT

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 directly from Beachside Lighting (800-405-6732).

(If your product was shipped before 2021, see next section for replacement instructions.)

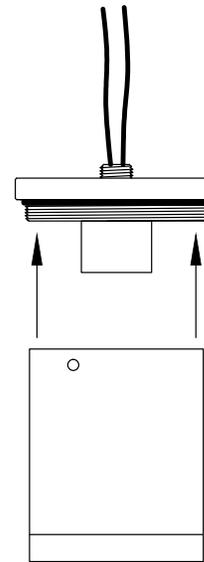
1. Verify that power to fixture is OFF.
2. Unscrew Housing from Base by turning it counterclockwise. (Lens/Endcap assembly is permanently attached to the Housing—do not attempt to unscrew.)
3. Loosen two set screws at the base of the LED Module with a 5/64" hex wrench. Set screws are recessed and may not be visible.
4. Pull straight up on the module to remove from socket.
5. The set screws are aligned with the pins inside the Module. Use them as a guide to align the pins with the terminals in the Socket. Properly installed Module will sit flat on the Base. Tighten both set screws to secure Module.
6. Screw Housing back onto Base, adding lube compatible with silicone rubber to the o-ring as needed.



For product shipped before 2021:

Your new LED Module fastens with set screws to the brass Socket Adapter. To retrofit the new module design to a pre-2021 fixture, your replacement Module package includes a new Socket Assembly (Socket + Socket Adapter) and short threaded tube.

1. Verify that power to fixture is OFF.
2. Disconnect fixture wires from supply wires. This may require loosening or removing the mount from which the fixture is hung to access the connections. Unwrap the wires from the stainless steel cable and remove the cable ties holding them to the Loop.
3. Unscrew and remove the brass Loop from the Base by turning it counterclockwise.
4. Unscrew Housing from Base by turning it counterclockwise. (Lens/Endcap assembly is permanently attached to the Housing—do not attempt to unscrew.)
5. Unscrew Module 4-5 revolutions to remove from the Base. Remove the threaded tube to which the Loop and Module were attached if it does not unscrew out of the Base when removing the Module. Recycle the threaded brass tube.
6. Clean threads in Base to remove all old silicone.
7. Feed leads from new Socket Assembly through Base and **apply high-strength threadlock on the male threads of the Socket Adapter**.
8. Screw Socket Assembly into the Base, allowing wires to spin freely.
9. Feed leads through the replacement small threaded tube and thread it into the Base, making sure at least 1/8" of the tube remains exposed.
10. Push wires through silicone guide, slide guide up the wires, and reinsert guide into the small threaded tube until it is flush with the exposed end.
11. The set screws are aligned with the pins inside the Module. Use them as a guide to align the pins with the terminals in the Socket. Properly installed Module will sit flat on the Base. Tighten both set screws to secure Module.
12. Screw Housing back onto Base, adding lube compatible with silicone rubber to the o-ring as needed.
13. Reinstall the brass Loop.
14. Loop the wire leads coming out of the fixture down along the brass Loop and up its other side, securing them with UV-resistant cable ties as shown in the Figure. Use caution when trimming the ties—do not nick the wires!
15. Wrap the lead wires around the cable a few times so they don't hang loose, then feed them through the hole in the upper loop and into the mount.
16. Use silicone-filled wire nuts to join fixture wires to the power source wires. Use silicone or electrical tape around wire nuts to ensure proper connection.
17. Secure the mount.



NOTE: Set screws are aligned with the pins. Use set screws as a guide to align pins with mating terminals in socket.