

# X1-S / X2-S

## LOW VOLTAGE ONLY. LAMP TYPE: 2 and 3 Watt LED modules SUITABLE FOR INDOOR OR OUTDOOR USE

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.

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. THIS DEVICE IS ACCEPTED AS A COMPONENT OF A LANDSCAPE LIGHTING SYSTEM WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY CSA OR LOCAL INSPECTION AUTHORITIES HAVING JURISDICTION.

## INSTALLATION

It is recommended that this fixture be mounted to Beachside Lighting's cast brass junction box (JB), heavy-duty ground spike with brass cap (GS2BC), heavy-duty ground spike with brass cap antescop-riser (GS3R), or brass surface-mount box (BSB).

1. Make sure 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. NOTE: If using the GS3R, the locknut should not be used. Once the initial height and left-right rotation is determined, use a 3/32" hex wrench to tighten set screws on the 'neck' of the GS3R.
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 leads to supply wires from transformer. Use silicone or electrical tape around wire nuts to ensure proper connection.
6. Push the connections into the Junction Box/Ground Spike and attach Cover.
7. Adjust the angle of the Lamp Housing(s) by loosening the bolt(s) in the Cap(s) with a 5/32" hex wrench, rotating it/them into desired position, and retightening. DO NOT ROTATE MORE THAN 180° IN EITHER DIRECTION.

## RELAMPING

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:

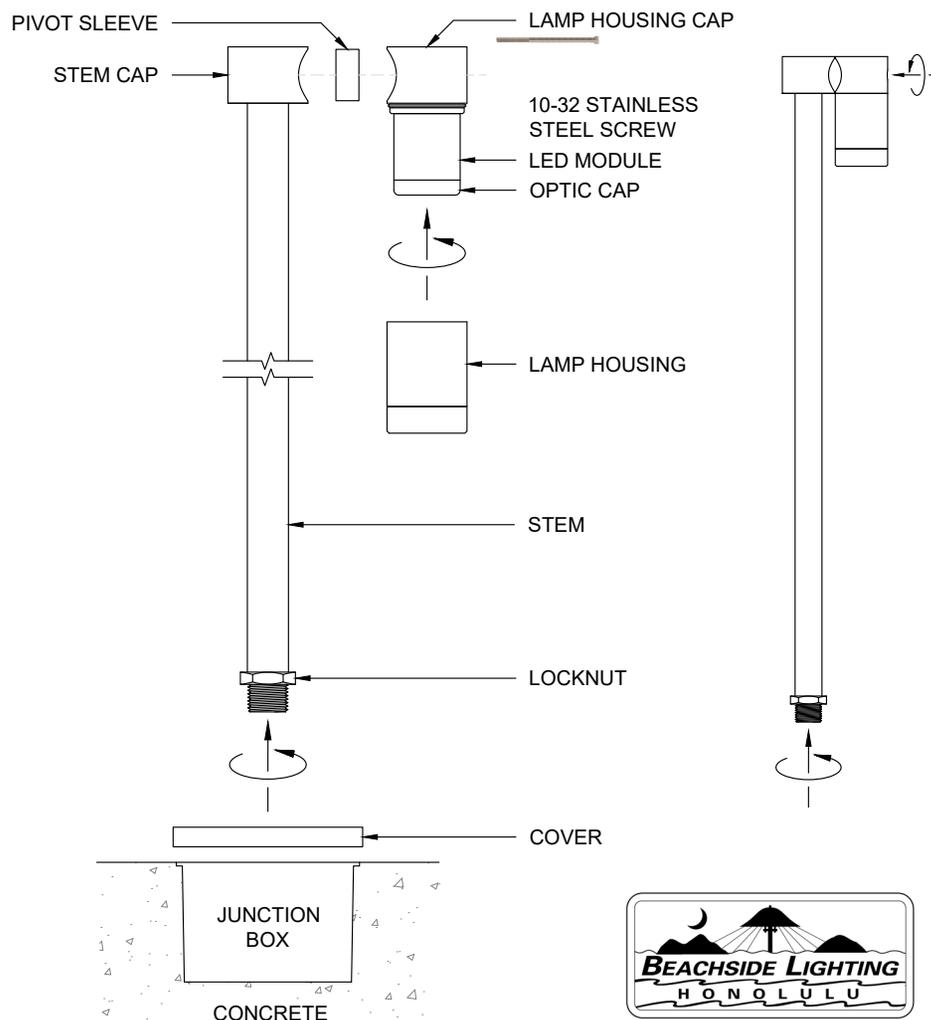
1. Make sure power to fixture is off and note where the fixture is aimed for reinstallation.
2. Remove Junction Box/Ground Spike cover with fixture still attached.
3. Disconnect the fixture's lead wires from the supply wires.
4. Remove bolt in the Lamp Housing Cap with a 5/32" hex wrench and separate it from the Stem Cap, carefully pulling the wires through the silicone guide and the Pivot Sleeve.
5. Unscrew the Lamp Housing from the Cap, exposing the LED Module.
6. Unscrew the Module 4-5 revolutions to remove it from the Cap. This will result in the wires getting twisted between the Module and the silicone guide in the Cap; untwist the wires once the Module is freed from the Cap and pull them through the silicone guide.
7. Remove the silicone guides from the Lamp Housing and Stem Caps. The short end of an L-shaped hex wrench can be inserted into the bottom of the Caps and used to push them out from the inside.
8. Feed the lead wires from the new Module through the Cap and screw the Module on tightly.
9. Once the Module is fully engaged, push the wires through the two silicone guides removed in Step

- 8 and insert the first guide back into the Lamp Housing Cap.
10. Position the second guide so there is about 1-1/2 inches of wire between the guides, slide the Pivot Sleeve over that gap, feed the wires down through the Stem Cap and Stem, and insert the second guide back into the Stem Cap, maintaining the 1-1/2 inch section of exposed wire.
11. Join the Caps and Sleeve with the bolt removed in Step 4, making sure not to pinch the wires.
12. Repeat Steps 5-7 in "Installation" to complete the operation.

## CHANGING OPTICS

Standard optic is the 'NO', which is a one-piece cap with built-in frosted glass. All other options use a separate cap, so two pieces are required to replace the one-piece 'NO'.

1. Make sure power to fixture is off.
2. Unscrew the Lamp Housing assembly from the Lamp Housing Cap, exposing the LED Module.
3. Unscrew the black cap with built-in frosted glass from the Module body.
4. Install new optic. If using a different optic than the standard 'NO', the optic and cap will be separate. Be sure the small silicone gasket recessed in the channel at top of Module remains in place.
5. Screw the Lamp Housing assembly back onto the Lamp Housing Cap.



808-405-6732

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