

## Installation Instructions

**Important: This fixture is designed for use with low voltage landscape power systems and T3 Bi-Pin base lamps (maximum 20 watts).**

### WARNINGS:

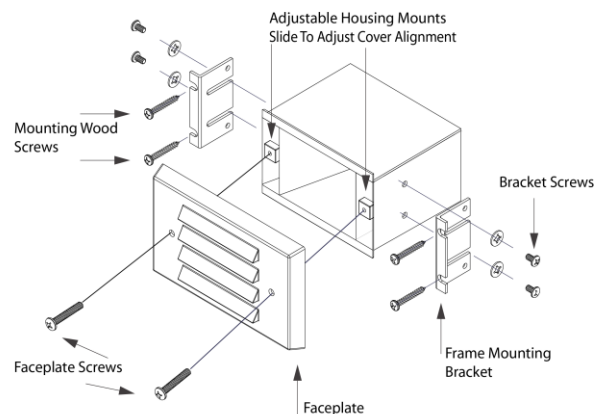
This fixture must be installed in accordance with the National Electric Code and local code specifications. Failure to follow these codes and installation instructions will void the warranty and may result in serious injury and/or damage to the fixture. When using multiple fixtures, do not exceed total wattage load as specified by the transformer rating. This product is designed for above ground installation only. Keep these installation instructions for future use.

### IMPORTANT SAFETY WARNINGS:

This fixture and its lamp may become very hot, very quickly. Turn the fixture off and give it sufficient time to cool before handling the fixture or the lamp. Do not touch a hot lamp, lens, or surrounding housing until it has cooled. Maintain a safe distance between the lamp and combustible items. Oil from the skin may damage/reduce the lamp's effectiveness. Do not handle the lamp with bare hands - always use a cloth when handling the lamp. Install the fixtures no less than ten feet (3.05m) from pools, spas, or fountains to minimize risk of electric shock. Always use UL listed wire and wire connectors for connections.

### LAMP INSTALLATION/REPLACEMENT INSTRUCTIONS

- 1) Prior to installing or servicing this product, disconnect the transformer from the main power supply.
- 2) Loosen the two faceplate screws and remove the faceplate.
- 3) Insert a T3 bi-pin base lamp (20 watt maximum) into the lamp socket. Ensure the lamp is in the desired position directly over the center of the reflector.
- 4) If the lamp is not centered, remove the lamp, loosen the socket bracket screw, adjust the socket, tighten the socket bracket screw, and reinsert the lamp.
- 5) Replace the faceplate and tighten the two faceplate screws.



**IF THE FIXTURE IS NOT YET INSTALLED, PROCEED WITH THE FIXTURE MOUNTING INSTRUCTIONS BELOW.**

**Reminder:** To prevent damage to the lamp, do not handle the lamp with bare hands. Do not operate the fixture with the lamp exposed.

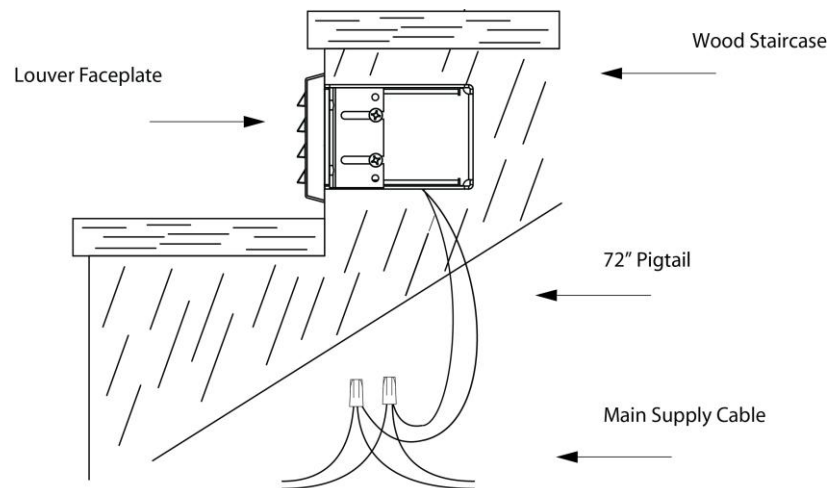


Figure 2

### **FIXTURE MOUNTING INSTRUCTIONS (WALLS/WOOD DECKS)**

- 1) Prior to installing or servicing this product, disconnect the transformer from the main power supply.
- 2) Using the fixture housing as a template, outline the location of the housing with a pencil on the wall or deck.
- 3) Cut out rectangular opening in the wall or deck.
- 4) Remove all insulation within six inches of the fixture housing location.
- 5) Insert the fixture housing in the opening. Ensure the fixture grommet exits the bottom of the housing.
- 6) Secure the fixture housing tightly to the wall or deck by drawing the mounting wood screws (included) through the mounting brackets.
- 7) Insert a T3 bi-pin base lamp (20 watt maximum) into the lamp socket. Ensure the lamp is in the desired position directly over the center of the reflector.
- 8) Adjust housing mounts to compensate for any undesired tilt.
- 9) Install the faceplate to the fixture housing using the faceplate screws.
- 10) Strip the two fixture pigtail wires. Attach the two fixture leads to the two main supply cable leads using the two provided King DryConn waterproof connectors.
- 11) Reconnect the transformer to the main power supply. Turn on the power to the fixture and verify proper position and operation.

### **FIXTURE MOUNTING INSTRUCTIONS (MASONRY/CONCRETE WALLS)**

- 1) Prior to installing or servicing this product, disconnect the transformer from the main power supply.
- 2) Remove the mounting brackets from the fixture housing
- 3) Secure the fixture housing using standard masonry procedures.

- 4) Insert a T3 bi-pin base lamp (20 watt maximum) into the lamp socket. Ensure the lamp is in the desired position directly over the center of the reflector.
- 5) Adjust housing mounts to compensate for any undesired tilt.
- 6) Install the faceplate to the fixture housing using the faceplate screws.
- 7) Strip the two fixture pigtail wires. Attach the two fixture leads to the two main supply cable leads using the two provided King DryConn waterproof connectors.
- 8) Reconnect the transformer to the main power supply. Turn on the power to the fixture and verify proper position and operation.

### **LED INSTALLATIONS**

Halco JC Series ProLED lamps have an operating voltage range of 10-18 volts AC. Operating JC Series ProLED lamps with voltage greater than 18V may damage the internal components of the LED and voids the manufacturer warranty. ProLED lamps maintain light output, full color, and instant start capabilities to temperatures down to -20 degrees Celsius. JC Series ProLED lamps will operate at the desired light output with voltage as low as 10V and as high as 18V, providing balanced light output from the fixture located closest to the transformer to the fixture located furthest from the transformer.