

# Installation Instructions

IL4AIC / IL6AIC IC Airtight LED New Construction Downlight

IS-R1014R4

1 of 1



**IMPORTANT:** Read all instructions before starting installation. Keep instructions for future reference.

**CAUTION:** TO REDUCE RISK OF SHOCK, TURN OFF electrical supply BEFORE Installing / SERVICING THE FIXTURES.

**WARNING:** LAMP WILL BE HOT. ALLOW LAMP TO COOL BEFORE ATTEMPTING TO REPLACE LAMP.

(Do Not Use Bare Hand To Replace Lamp In Fixture)

**WARNING:** Fixture must be installed in accordance of National Electrical Code (NEC) and/or any local codes.

Failure to do so may result in serious injury and/or damage to the fixture.

## RECOMMEND TOOLS

1. Hammer
2. Wire Stripper
3. Phillips Head Screwdriver
4. Wire Nuts

## INSTALLATION

### IMPORTANT SAFETY INSTRUCTIONS

- Read all installation instructions before installing. It is important to save these instructions.
- Observe and follow all label information and instructions regarding dry, damp and wet location listings, proper lamp type and wattage, warnings of installation near combustible materials and/or insulation.
- Turn off power at circuit breaker before attempting to install or perform maintenance on the fixtures.
- Be sure to connect ground wire to prevent electric shock or other potential hazards.
- The product must be installed in a manner consistent with the intended use and in compliance with the national electrical codes and local codes.
- Do not block the trim aperture as this may cause unsafe operating conditions.
- **WARNING:** RISK OF FIRE. Most dwellings built before 1985 have supply wire rated for 60°C. Consult a qualified electrician before installation.

**WARNING:** Use only Intense Lighting trims listed for use with this fixture. Use of trims other than those listed by Intense Lighting is a violation of N.E.C 110-3(B) and voids all warranties. Use proper lamps and maximum wattages as indicated on the housing label for each trim. Exceeding maximum wattage lamp will void all warranties.

### INSTALLATION INSTRUCTIONS

- **Type IC Fixtures:** Can be installed with direct contact with insulation.

### INSTALLATION PROCEDURES

- For T-bar suspended ceilings, use notch on bottom of the bar hangers to align fixture onto T-bar grid. Secure with required fasteners (supplied by others)
- For wood joist applications, align bar hanger with the bottom of the joist and secure with integral nail.
- Loosen the set screws within the housing. Align the housing flush with the ceiling and then tighten set screws.

### MAKING ELECTRICAL CONNECTIONS

- Remove desired knock out for conduit or romex cable. Use only UL listed connectors.
- Connect black wire from fixture to black (**HOT**) supply wire, white wire from fixture to white (**NEUTRAL**) supply wire and connect the ground from fixture to green (**GROUND**) supply wire. Use UL listed connectors or wire nuts to make the connections (provided by others).
- Close and lock junction box door ensuring all wire connections and wire are contained within the junction box.

### TRIM INSTALLATION

- Connect male connector on trim into the female connector inside housing firmly.
- Push wires into housing and then trim ensuring the trim is flush to the ceiling. Turn the trim slightly to secure in place.
- Once all fixtures have been installed, power at the breaker can be restored.

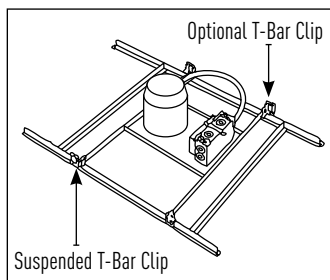


Figure 1

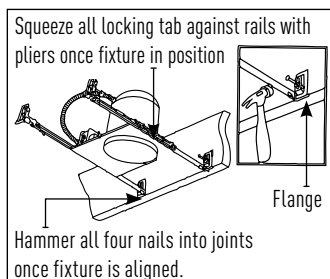


Figure 2

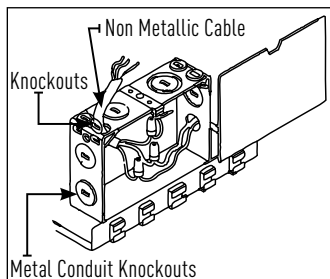


Figure 3

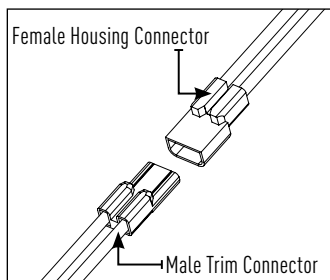


Figure 4

INSTRUCTIONS LJM-2017 P-2

INTENSE LIGHTING | 3340 E La Palma Ave, Anaheim, CA 92806 | tel 714 630-9877 | fax 714 630-9883

For Intense Lighting's limited product warranty, go to [www.intenselighting.com](http://www.intenselighting.com). For a printed copy of the warranty, you may call 800 961-5321.

© 2017 Intense Lighting, LLC. All rights reserved. Note: This document is subject to change without notice.