

# Installation Instructions

L / LA STANDARD INDUSTRIALS



**READ AND FOLLOW ALL SAFETY INSTRUCTIONS!  
SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION**

## IMPORTANT SAFETY INSTRUCTIONS

### **▲WARNING**

**To reduce the risk of death, injury or property damage from fire, electric shock, cuts, abrasions, falling parts, and other hazards:**

- Service of the equipment must be performed by qualified service personnel.
- Installation and maintenance must be performed by a person familiar with the construction and operation of this product and any hazards involved. All applicable codes and ordinances must be followed.
- Read this document before installing, servicing, or maintaining this equipment or installing a lamp. These instructions do not cover all installation, service, and maintenance situations. If your situation is not covered, or if you do not understand these instructions or additional information is required, contact *Lithonia Lighting* or your local *Lithonia Lighting* Distributor.
- Read and follow all warnings and instructions provided by the lamp manufacturer.

### **▲WARNING**

**Before installing, servicing, or maintaining this equipment, follow these general precautions.**

**To reduce the risk of electrocution:**

- Make sure the equipment is properly grounded.
- Always de-energize the circuit and/or equipment before connecting to, disconnecting from, or servicing the equipment.

**To reduce the risk of fire:**

- Keep material away that can burn from hot lamp.
- Make sure lamps are correctly installed.
- Use supply conductors with a minimum installation temperature rating as specified on equipment.

**To reduce the risk of personal injury from cuts, abrasions, or falling parts:**

- Wear gloves to prevent cuts or abrasions from sharp edges when removing from carton, handling and maintaining this equipment.
- Do not use abrasive materials, glass cleaners or other solvents on reflector or lens. These substances may damage equipment and cause parts to eventually break and fall.
- Do not install a damaged fixture.

**▲CAUTION:** Observe lamp manufacturer's recommendations and restrictions on lamp operation, including but not limited to ballast type, burning position, replacement and cycling. Use only lamps that comply with applicable ANSI standards.

**NOTICE:** If lamp is marked  it contains mercury. Follow disposal laws. See [www.lamprecycle.org](http://www.lamprecycle.org)

*Lithonia Lighting*, a division of *Acuity Brands Lighting, Inc.*, assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

## SAVE THESE INSTRUCTIONS



Lithonia Lighting  
INDUSTRIAL VALUE STREAM  
One Lithonia Way, Conyers, GA 30012  
Phone: 800-315-4963 Fax: 770-981-8141  
[www.lithonia.com](http://www.lithonia.com)

Part Number: U217803  
Revision Date: 12/10/07

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## L LA STANDARD INDUSTRIAL INSTRUCTION SHEET FIXTURE COMPONENT VERIFICATION (STANDARD 4 FOOT FIXTURE)

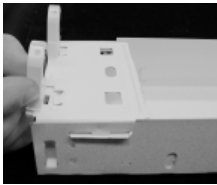
Remove the channel and reflector from the carton

Identify that you have:

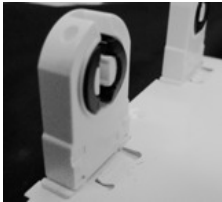
- 2 End plates
- 2 Reflector aligners (required if doing tandem installation or CRM installation)
- 1 Pre-pack containing the two (2) ¼-turn fasteners
- 1 Channel with ballast and sockets
- 1 Reflector

### SOCKET INSTALLATION

1. Extend wire with socket to appropriate end of fixture per wiring diagram located on the ballast label.
2. Slide socket with wires under socket bracket to the outside of the channel.
3. Slide each socket onto the socket bracket on each end of the channel. (T8 sockets shown)

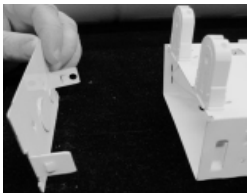


4. Ensure sockets are secured and in the locked position. (For T5 fixtures, sockets snap in from the underneath the socket bracket. Push the T5 sockets through the rectangle slot until the socket snaps into place).



### STANDARD END PLATE INSTALLATION (Not for CRM –continuous row mounting)

1. Align tabs on the end plate with the lances (slots) on each side of the channel.



2. Push the end plate into the channel opening. The end plate tabs should lock in place with the lances on either side of the channel.

### MOUNTING FIXTURE

1. Use the mounting option that is best suited for your individual application. i.e. Surface or Suspended Mounting.

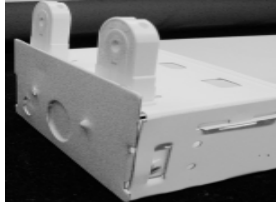
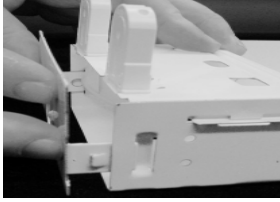
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## KNOCK OUT REMOVAL

Determine where power supply will be entering the fixture. (i.e. side, end, or back of channel). Remove appropriate knock out best suited for the incoming supply wires.



## WIRING OF FIXTURE

1. Wire fixture according to your local electrical code. Insulate all unused fixture wires individually using approved electrical wire nuts (not provided). Wire Black wire of fixture to Black supply wire, White wire of fixture to White supply wire and Ground wire to Ground screw or ground wire.

## INSTALLATION OF REFLECTOR

1. Remove the 2 (two) ¼ turn fasteners from the prepack.
2. Place reflector on the channel.
3. Insert one ¼-turn fastener into the hole on one end of reflector.
4. Rotate ¼ of a turn and lock in place.
5. Repeat steps 3 and 4 for the opposite end of the reflector.

Step 3



Step 4

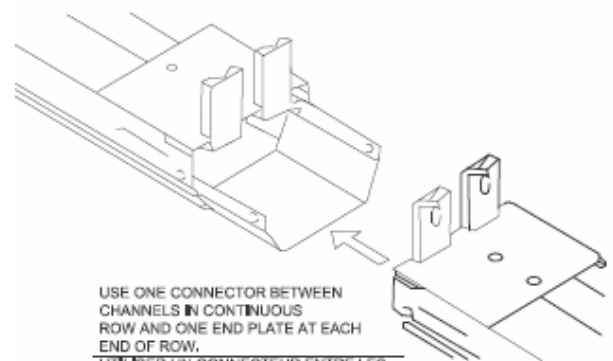


## TANDEM or CRM (continuous row mounting) REFLECTOR ALIGNMENT

1. Slide or push aligner onto both sides of the end of the reflector, where the second reflector will join with the first reflector.



**FOR CONTINUOUS ROW UNITS**  
**POUR LES UNITÉS EN RANGÉE CONTINUE**



USE ONE CONNECTOR BETWEEN CHANNELS IN CONTINUOUS ROW AND ONE END PLATE AT EACH END OF ROW.  
UTILISER UN CONNECTEUR ENTRE LES BOÎTIERS EN RANGÉE CONTINUE ET UN EMBOUT À CHAQUE FIN DE RANGÉE