

# General Installation Instructions

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

## **⚠ 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 Peerless Lighting or your local Peerless 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 prevent fixture row from over-current:

- By adding the input current of each fixture section marked on the fixture, the total current per power feed must not exceed the maximum line wire amperage marked on the fixture and the power feed cord/wire amperage rating whichever the least.

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 (Hg) it contains mercury. Follow disposal laws. See [www.lamprecycle.org](http://www.lamprecycle.org)

Peerless 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 INSTALLATION INSTRUCTIONS**

**Part Number: PIN004100 Revision: C Effective Date: 12/20/2010 ECO3618**

PIN001200  
**LIGHTLINE RECESSED<sup>T</sup>**  
 INSTALLATION INSTRUCTIONS  
 Rev. G 8/27/09 ECO3583

**P E E R L E S S<sup>®</sup>**

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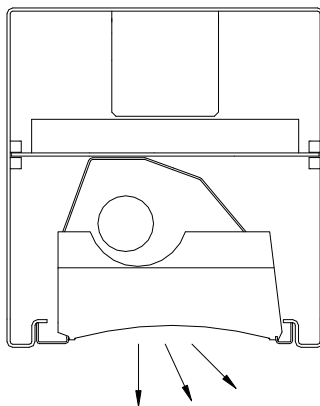
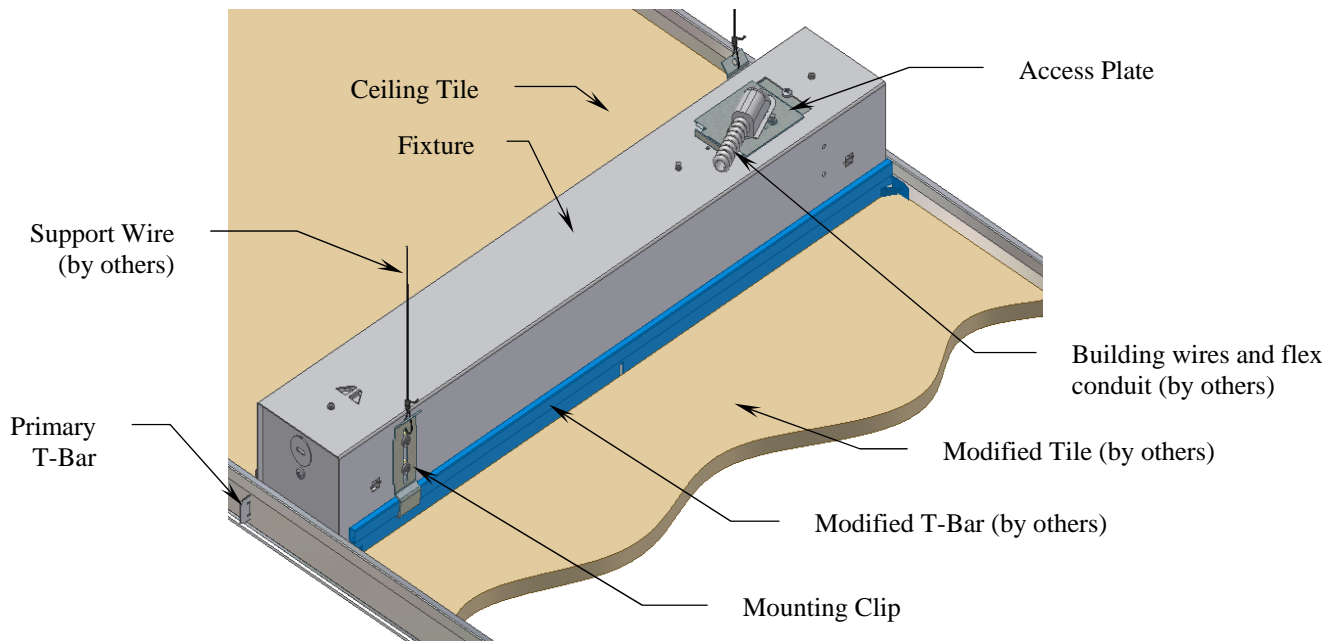
These installation instructions are used for installing the following fixtures and kits:

Fixture			Mounting Option Kit
LAR9	LSR9	LWR9	DHSGS2
(ASYMMETRIC)	(SYMMETRIC)	(WALL WASH)	DHSGS4

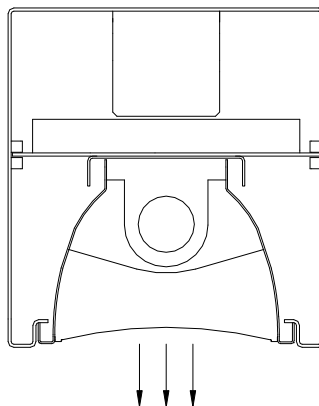
***WARNING: RISK OF FIRE AND ELECTRICAL SHOCK. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCTION AND THE HAZARDS INVOLVED.***

- A) Fixture Installation (T-Bar Mounting) ----- page 1-2  
 B) Fixture Installation (Dry Wall Mounting) ----- page 3-4  
 C) Optional Mounting Installation ----- page 4

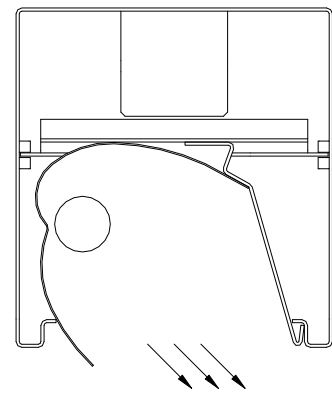
**A) Fixture Installation (T-Bar Mounting)**



**LAR9**

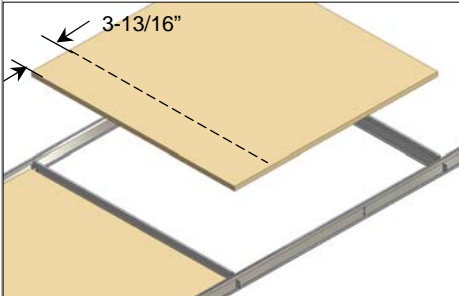


**LSR9**

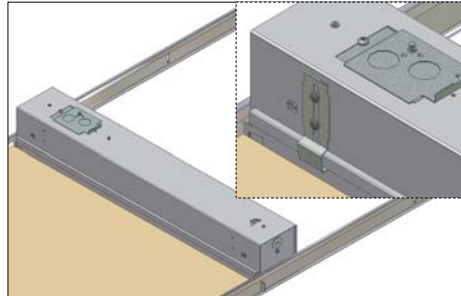


**LWR9**

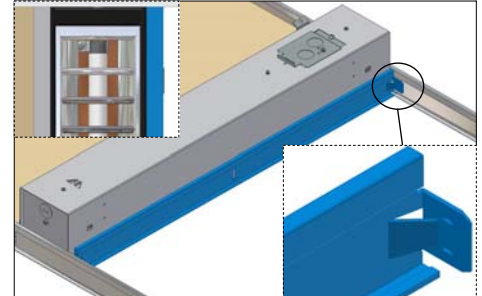
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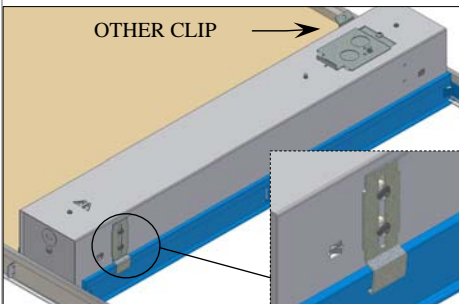
1. Remove 2' or 4' tile from the primary T-Bars. Cut tile approx. 3-13/16" so fixture can be installed.



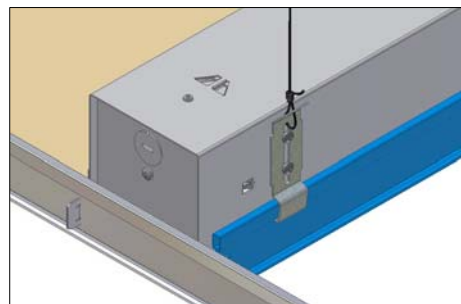
2. Lay the fixture against 3 sides of the primary T-Bars. Use enclosed clip and hardware to attach the T-Bar to fixture as shown.



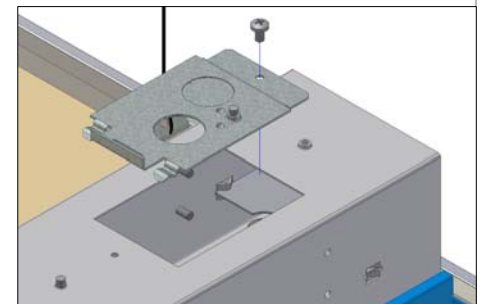
3. Modify a 2' or 4' length of T-Bar (depending on the fixture length) for supporting the 4<sup>th</sup> side of the fixture as shown. Make sure T-Bar to T-Bar distance allows removal of baffle for relamping.



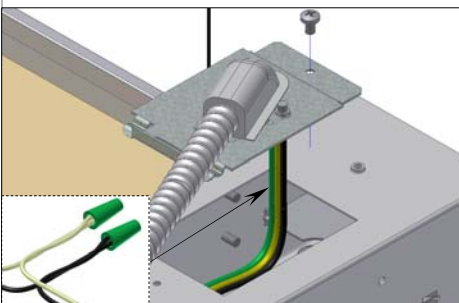
4. Use enclosed clip and hardware to attach the modified T-Bar to fixture diagonally to other clip.



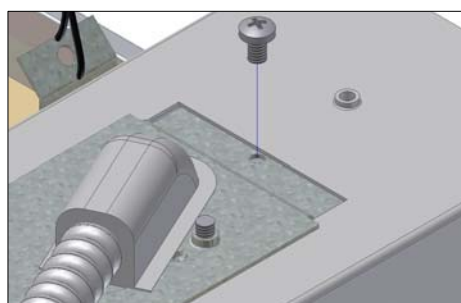
5. Connect support wires from clips to structure on alternate sides of fixture. Additional pair of clips maybe required to meet local seismic codes and can be ordered from factory (Part # PAK000800).



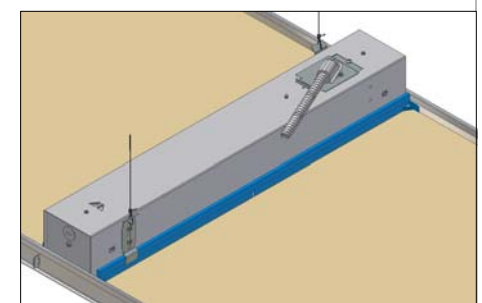
6. Open access plate to splice building power wires to fixture wires. Remove the knock out.



7. Connect green wires to ground screw at access plate. Connect black wires together with wire nut. Connect white wires together with wire nut.



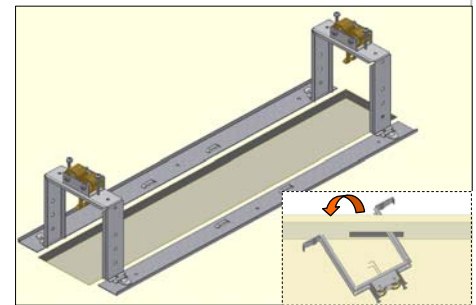
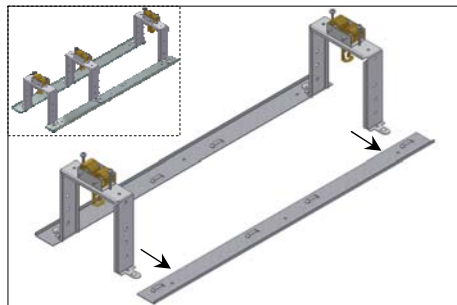
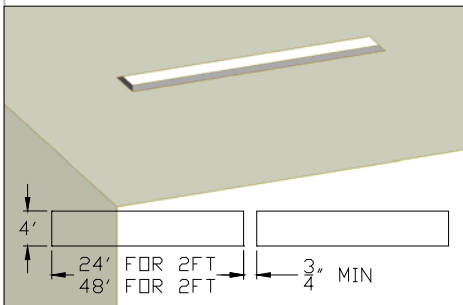
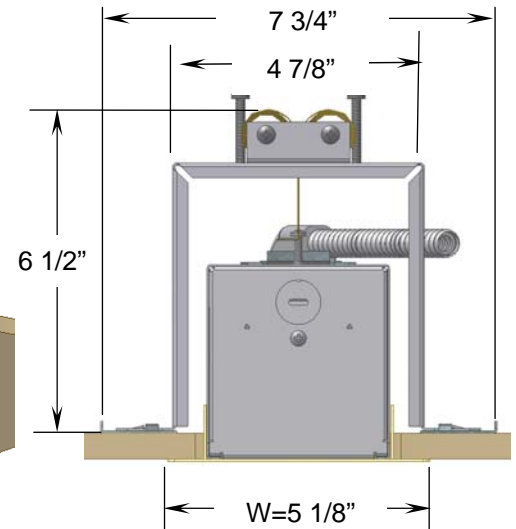
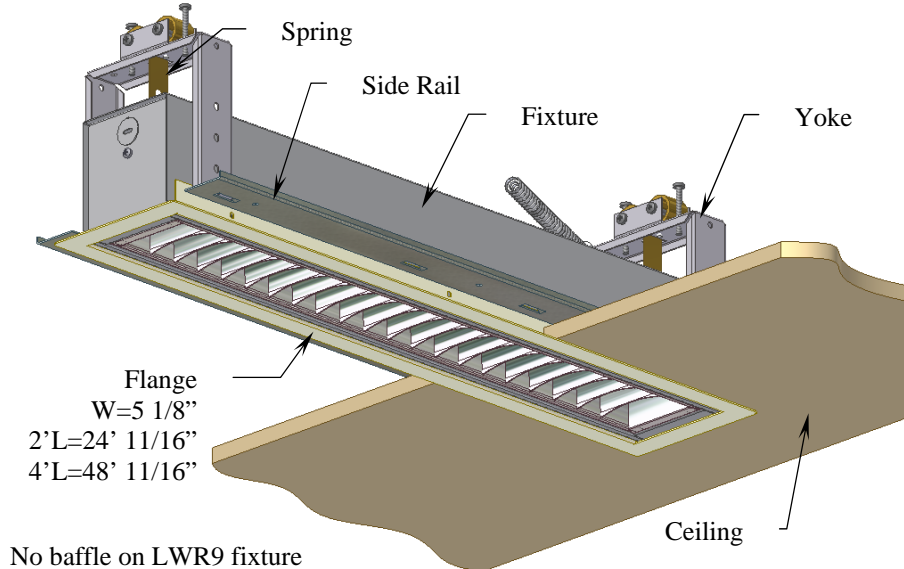
8. Close access plate with the screw.



9. Place the tile back in position. Use cotton cloth moistened with water to remove any fingerprints on reflector surface.

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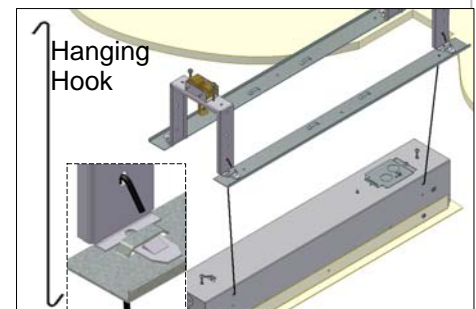
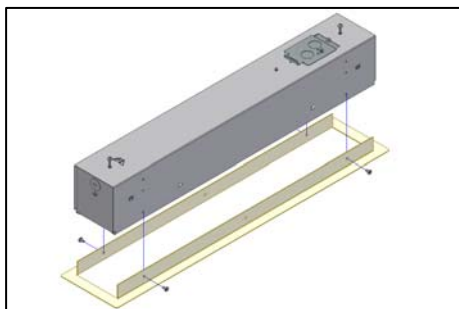
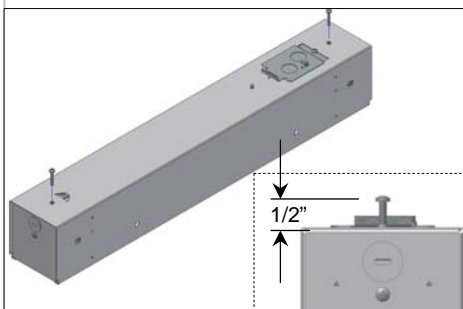
**B) Drywall Mounting Fixture Installation**



1. Cut holes in the ceiling where fixture is to be mounted:  
 4" x 24" for 2' fixture,  
 4" x 48" for 4' fixture.  
 \*For two or more fixtures, allow 3/4" minimum distance between two holes

2. Attach yokes into support side rails.  
 2 yokes for 2' fixtures.  
 3 yokes for 4' fixtures.

3. Install yoke/side rail assembly into ceiling hole.

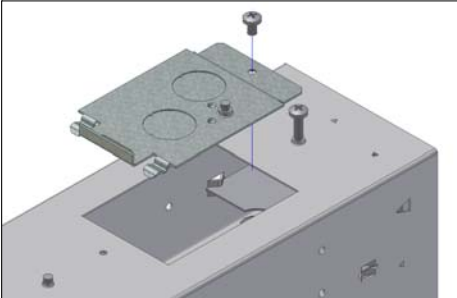


4. Install three 7/8" screws into each end and middle on the top of 4' fixture about 1/2" above fixture (For 2' fixture, install two screws on the each end). Align the screws with the center yoke for 4' fixture.

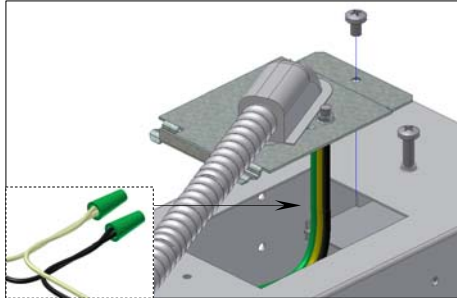
5. Attach flange to fixture with six screws provided.

6. Temporarily hang the fixture with 2 hanging hooks provided with the yoke assembly.

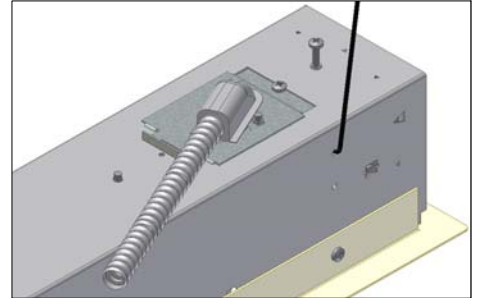
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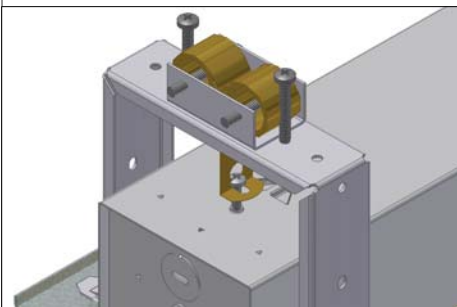
7. Open access plate to splice power wires to fixture wires. Remove the knock out.



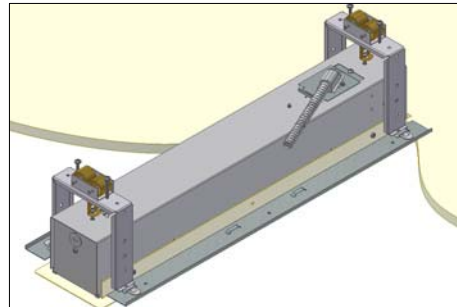
8. Connect green wires to ground screw on access plate. Connect black wires together with wire nut. Connect white wires together with wire nut.



9. Secure access plate to fixture with the screw.



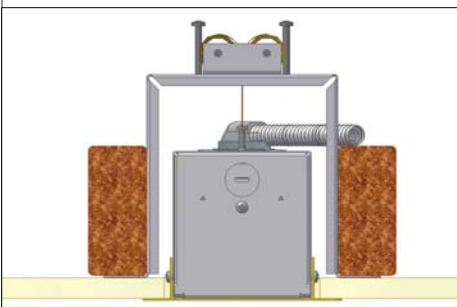
10. While firmly holding spring, carefully pull down and hook over the head of 7/8" screw.  
**CAUTION: SPRINGS ARE UNDER EXTREME TENSION.**



11. Remove the temporary hanging hooks. Use cotton cloth moistened with water to remove any fingerprints on baffle surface.

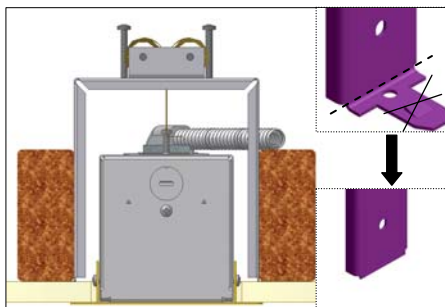
**CAUTION:  
DO NOT ROUTE  
CONDUIT UNDER  
YOKES.**

### C) Optional Mounting Installation



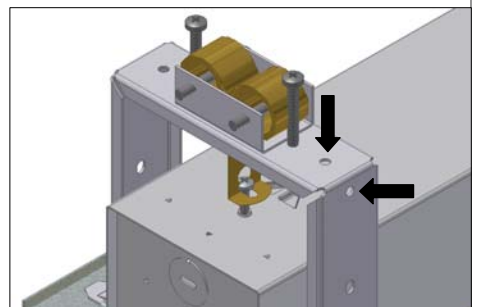
**Mounting directly to beams  
Option #1**

Side rails are not needed. Screw into bottom of yoke feet before drywall.



**Mounting directly to beams  
Option #2**

Side rails are not needed. Cut feet on yoke and screw to sides.



**Mounting for seismic conditions**

Mounting holes in corners of yoke are for wire stability during seismic conditions.