

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

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

PIN003801
LIGHTLINE™ DIRECT

Wall Mount Fixture
INSTALLATION INSTRUCTIONS
Rev. B 4/09 ECO 3535

PEERLESS

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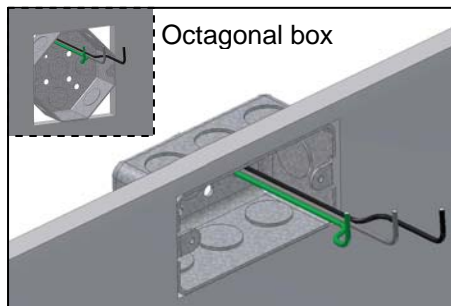
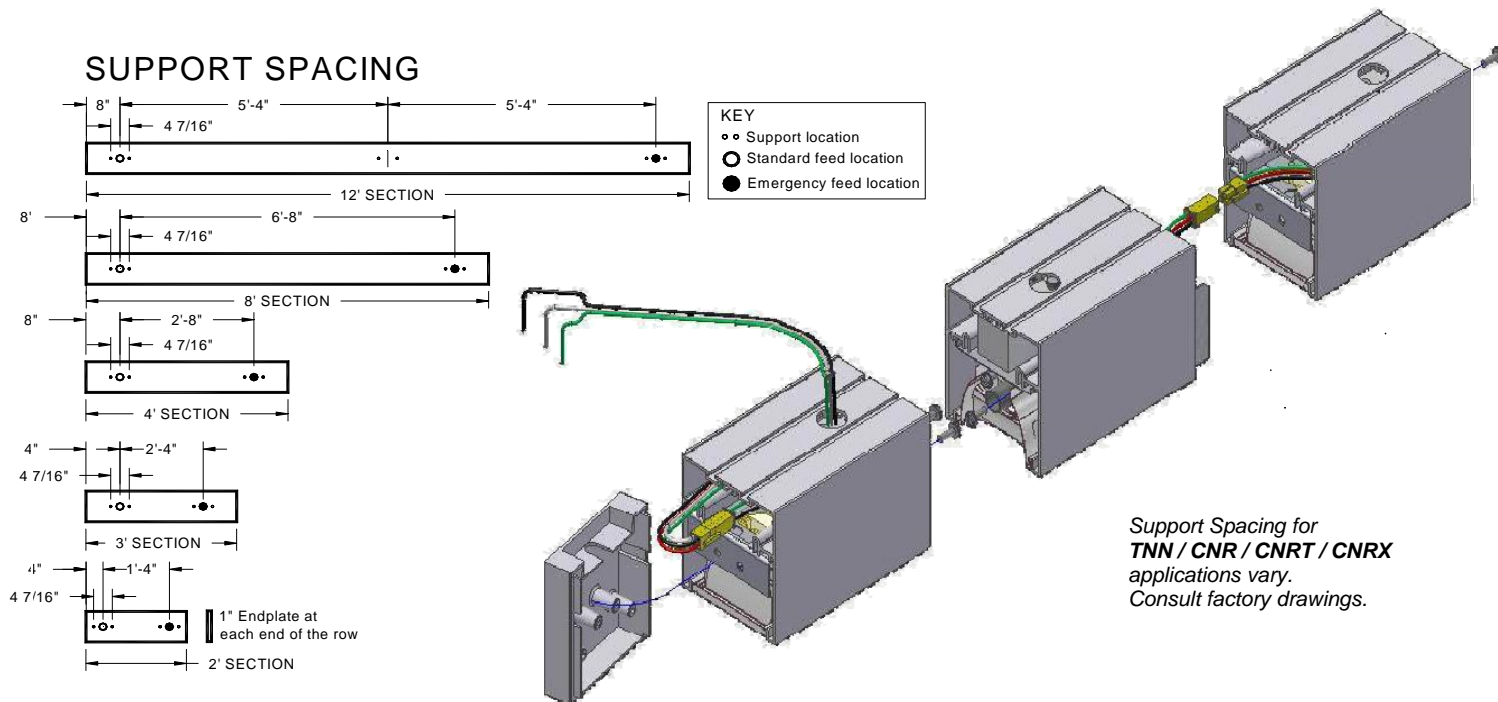
These installation instructions are used for installing the following fixtures and kits:

	Fixture	Mounting Kit	End-cap Kit
X WALL MOUNTING	LLWW X, LLWA X, LLWS X,	LLWXFK/SK	LLWEP
D WALL MOUNTING	LLWW D, LLWA D, LLWS D.	LLWDFK/SK	

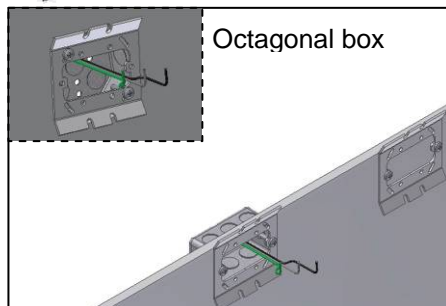
WARNING: PLEASE READ THE "IMPORTANT SAFETY INSTRUCTIONS" PRIOR TO INSTALLATION OF THIS PRODUCT

- A) X Wall Mounting Fixture Run Installation ----- page 1-2
B) D Wall Mounting Fixture Run Installation ----- page 3-4

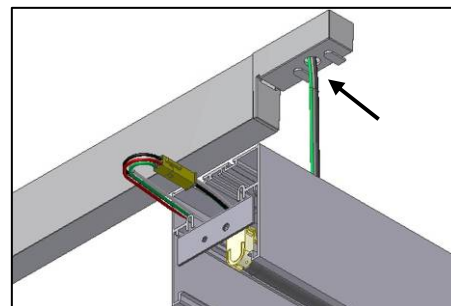
A) X Wall Mounting Fixture Run Installation



1. Using a laser or snap line mark wall for center line. Using Support Spacing diagram determine locations of power feed and supports. Cut wall material for 2"x4" switch box (or octagonal box) at feed location. Pull building wires as shown.



2. Gently pull building wires through fixture support bracket and attach bracket to box with screws provided from the box. Using (2) ¼-20 screws attach support bracket to wall. Install all support brackets at support locations noted in the Support Spacing diagram for entire run. Be sure wall is properly reinforced at all supports.



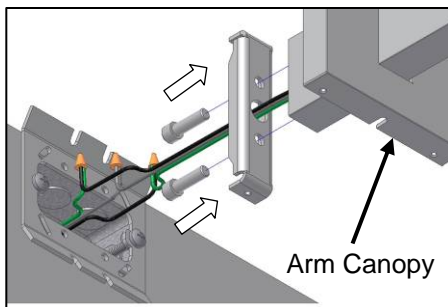
3. If applicable, remove all fixture baffle assemblies. At first fixture in row gently pull fixture wires out of cavity. Fish power feed through power feed hole. Connect wire harnesses and place connection back in cavity. Gently fish power feed through extended arm.

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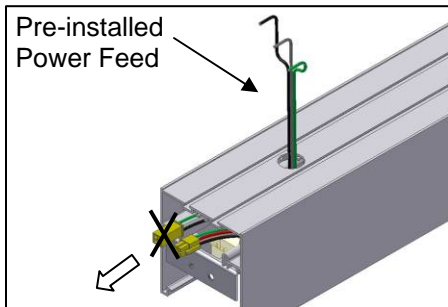
Wall Mount Fixture

INSTALLATION INSTRUCTIONS

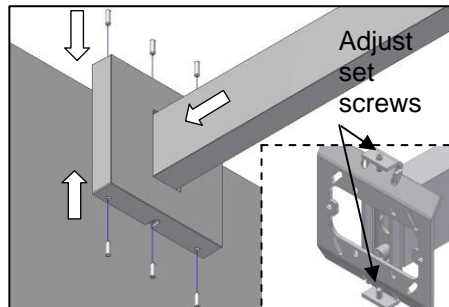
Rev. B 4/09 ECO 3535



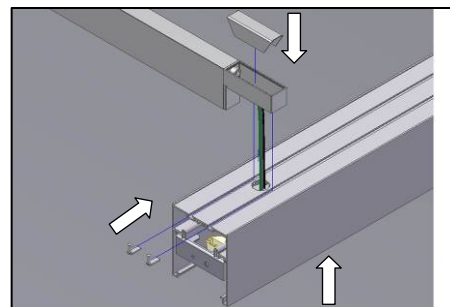
4. Make sure arm canopy is in place. Secure bracket to fixture arm w/ (2) provided socket head bolts. Raise arm into position. Connect building wires with fixture wires using appropriate twist-on connectors. Gently place wire connection into switch box.



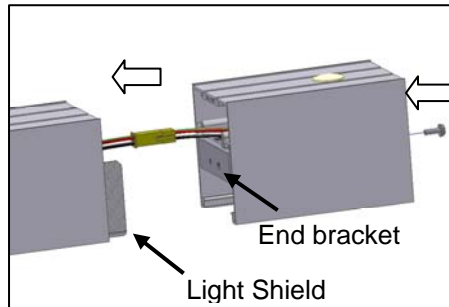
7. At non power feed location for next fixture in run, gently pull wire harness from cavity. Disconnect power feed and discard. Raise the fixture in position. Standalone units skip this instruction and go to 9. For TNN, CNR, CNRT, CNRX skip this instruction and go to instruction 8b



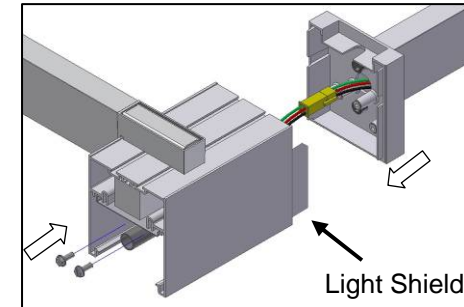
5. Install fixture arm to wall bracket using (2) provided center setscrew and adjust level of arm where necessary. Slide arm canopy to wall and secure with (4) side setscrews.



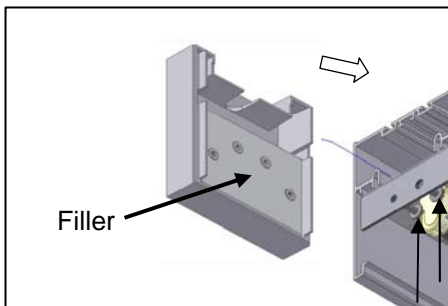
6. Slide (1) provided weld stud into each weld stud channels as shown. Raise fixture into place inserting weld studs into receiving holes in fixture arm. Secure fixture to the arm with (2) provided Hex nuts. Organize wires and then cover the bracket with metal cover.



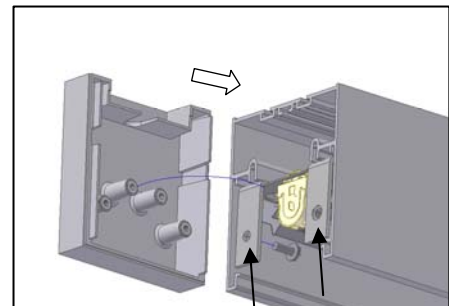
- 7b. Raise fixture into position. Install Light shield and extended arm assembly as shown in Step 6 without tighten the nuts and use cover. Connect wire harnesses. Securely join fixtures with (2) provided screws through end bracket. Tighten the nuts and cap the cover.



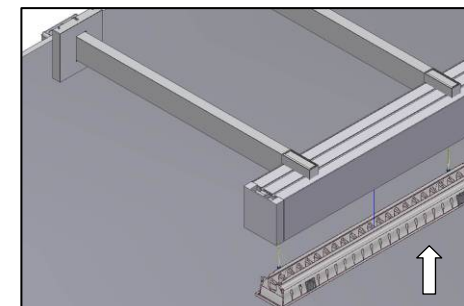
- 8b. **TNN/CNR/CNRT/CNRX:** Remove Light Shields if present. Raise Corner/Tenon into place. Gently pull wire harnesses from cavities, connect and insert back into cavity. Securely join to the fixture with (2) provided screws. Repeat steps to connect it to next fixture.



- 8a. **T5/T5HO fixtures:** Remove Light Shields if present. Place end-cap into position. From inside fixture secure end-cap to end bracket with (2) provided hex screws as shown. **LLMW fixtures:** Place filler inside end-cap as shown. Do not screw filler to end-cap. Place end-cap w/ filler into position. From inside fixture secure assembly w/ (2) provided hex screws.



- 8b. **T8 fixtures:** Remove Light Shields if present. Place end-cap into position. From inside fixture secure end-cap to fixture bracket w/ (2) provided hex screws.



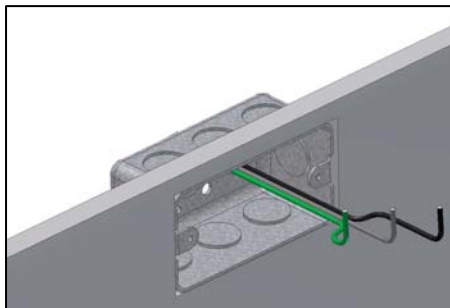
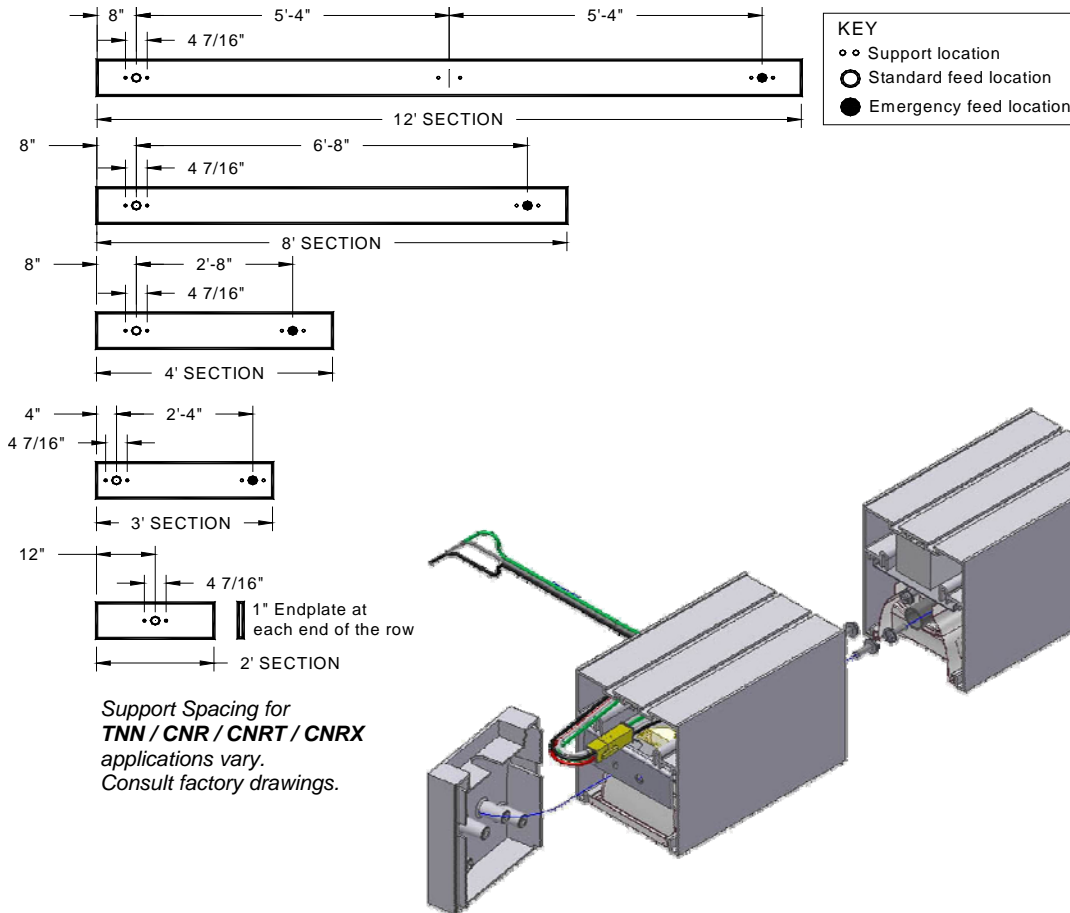
9. If applicable, reinstall baffles. Be sure to install asymmetric baffles in correct orientation.

LIGHTLINE™ DIRECT**Wall Mount Fixture****INSTALLATION INSTRUCTIONS**

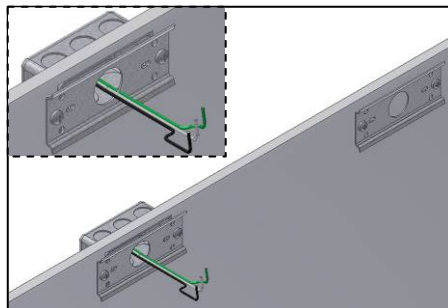
Rev. B 4/09 ECO 3535

■ B) D Wall Mounting Fixture Run Installation

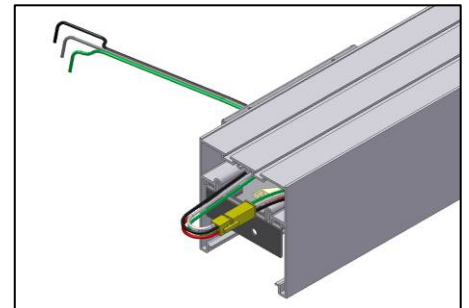
SUPPORT SPACING



1. Using a laser or snap line mark wall for center line. Using Support Spacing diagram determine locations of power feed and supports. Cut wall material for 2"x4" switch box at feed location. Pull building wires as shown.



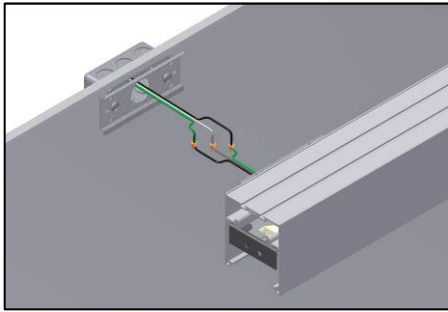
2. Gently pull building wires through fixture support bracket and attach bracket to box with screws provided from the box. Using (2) 1/4-20 screws attach support bracket to wall. Install all support brackets at support locations noted in the Support Spacing diagram for entire run. Be sure wall is properly reinforced at all supports.



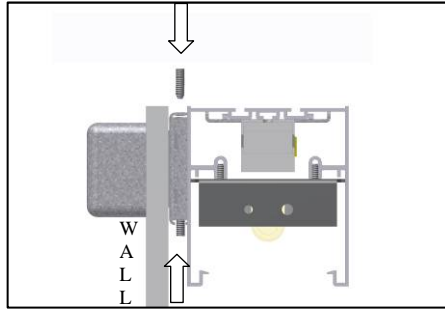
3. If applicable, remove all fixture baffle assemblies. At first fixture in row gently pull fixture wires out of cavity. Fish power feed through power feed hole. Connect wire harnesses as shown and place connection back in cavity.

LIGHTLINE™ DIRECT**Wall Mount Fixture****INSTALLATION INSTRUCTIONS**

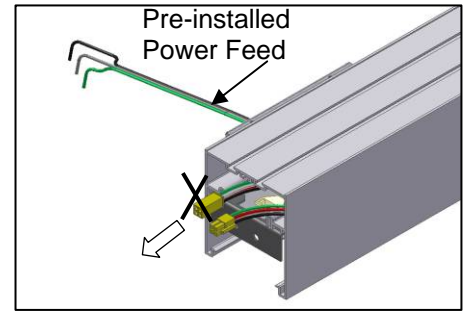
Rev. B 4/09 ECO 3535



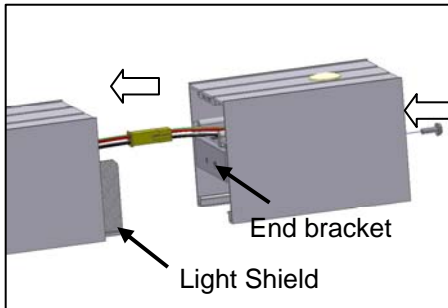
4. Raise first fixture into position. Connect building wires with fixture wires using appropriate twist-on connectors. Gently place wire connection back into fixture.



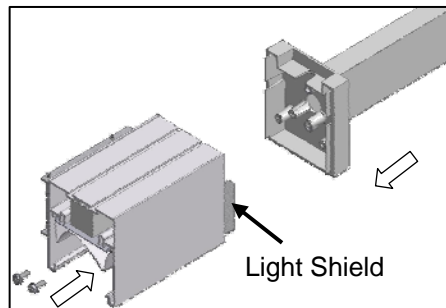
5. Attach fixture to each support bracket using (4) provided setscrews.



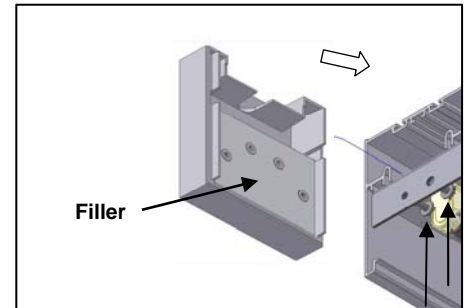
6. At non power feed location for next fixture in run. Gently pull wire harness from cavity as shown. Disconnect and discard power feed (pigtail). For standalone fixtures skip this step and go to instruction 7b.



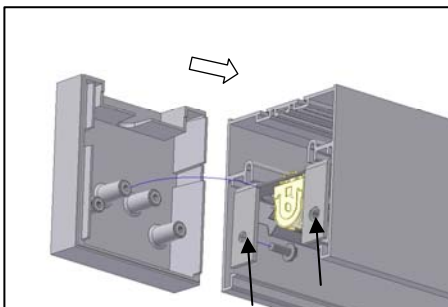
- 7a. Raise fixture into position. Install Light shields. Connect wire harnesses. Securely join fixtures with (2) provided screws through end bracket.



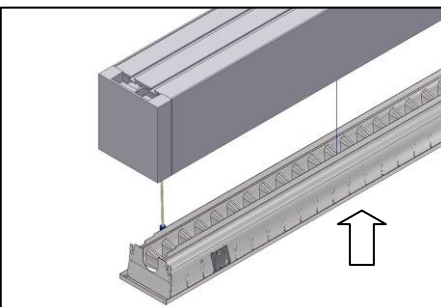
- 7b. **TNN/CNR/CNRT/CNRX:** Remove Light Shields if present. Raise Corner/Tenon into place, connect wires, and securely join to the fixture with (2) provided screws. Repeat steps to connect it to next shown.



- 8a. **T5/T5HO fixtures:** Remove Light Shields if present. Place end-cap into position. From inside fixture secure end-cap to end bracket w/ (2) provided hex screws as shown. **LLMW fixtures:** Place filler inside end-cap as shown. Do not screw filler to end-cap. Place end-cap w/ filler into position. From inside fixture secure assembly w/ (2) provided hex screws.



- 8b. **T8 fixtures:** Remove Light Shields if present. Place end-cap into position. From inside fixture secure end-cap to fixture bracket w/ (2) provided hex screws.



9. If applicable, reinstall baffles. Be sure to install asymmetric baffles in correct orientation.