

WARNING:

- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Make sure all electrical power is turned off while installing the fixture.
- This luminaire must be adequately grounded for protection against shock hazards and to assure proper operation.
- Disconnect power before servicing.
- LEDs are ESD (Electro Static Discharge) sensitive devices that can be easily damaged if the proper ESD mitigating steps are not taken.
- LEDs are very sensitive to mechanical damage. Caution must be taken to avoid damage to the LEDs.
- ESD or mechanical damage voids all warranties.
- Suitable for dry and damp locations.

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A. GRID CEILING T-BAR INSTALLATION

FOR USE WITH WB OR NB T-BAR BRACKET

STEP 1: Bracket installation.

- A. See chart below for recommended bracket spacing per each fixture length.

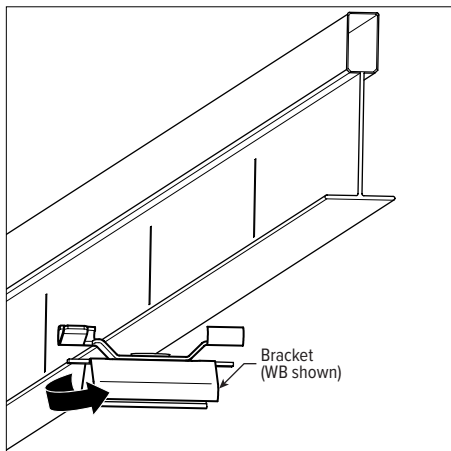
FIG A.1.1

BRACKET SPACING	
2'	(2) Brackets 14" apart
4'	(2) Brackets 36" apart
6'	(3) Brackets: (1) in center (2) 24" from center
8'	(4) Brackets 24" apart

- B. Align bracket to T-bar as shown (FIG A.1.2).

NOTE: Brackets must be parallel or aligned to each other for proper fixture installation.

FIG A.1.2



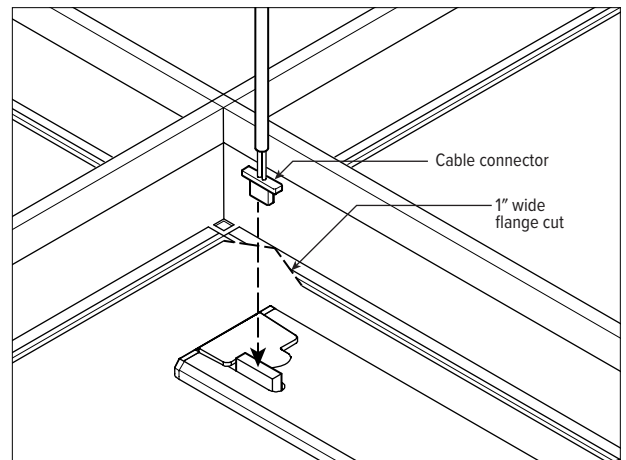
- C. Install bracket to ceiling T-bar. Push up and rotate bracket counter-clockwise until it positively locks in place onto T-bar and will not move. Bracket removal is required to change position.

STEP 2: Make electrical connections.

(See "Wiring Diagram" on page 4)

- A. For 15/16" T-bar only: Cut bottom flange 1" wide as shown (FIG A.2.1) for fixture cable connection clearance.
- B. Connect cable. Note: cable connection is "keyed". Proper alignment is required. Press on ends of the cable connector and pull upward to remove.

FIG A.2.1



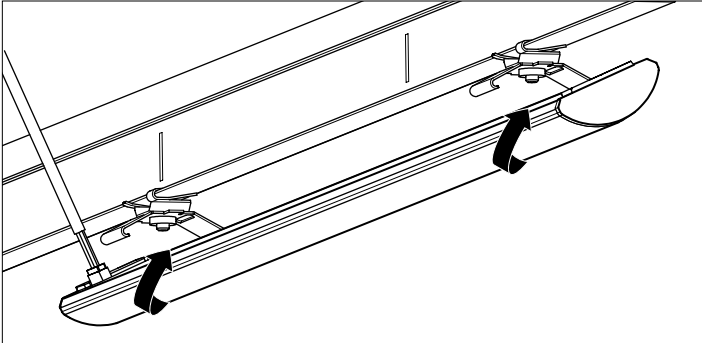
SL LED

INSTALLATION INSTRUCTIONS

STEP 3: Fixture installation.

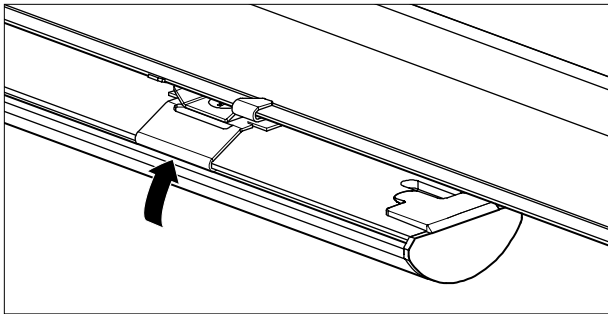
- A. Insert fixture mounting channel onto the mounting brackets.

FIG A.3.1



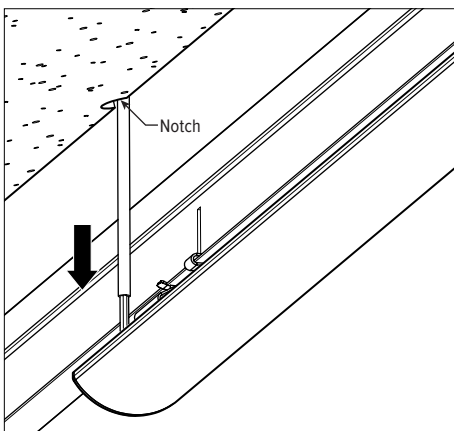
- B. Push fixture back and up to secure bracket into the channel above lens. Make certain fixture is secured into mounting brackets.

FIG A.3.2



- C. Lower ceiling panel onto grid flange. Notch ceiling panel for cable clearance, if needed.

FIG A.3.3



B. SLOTTED T-BAR INSTALLATION

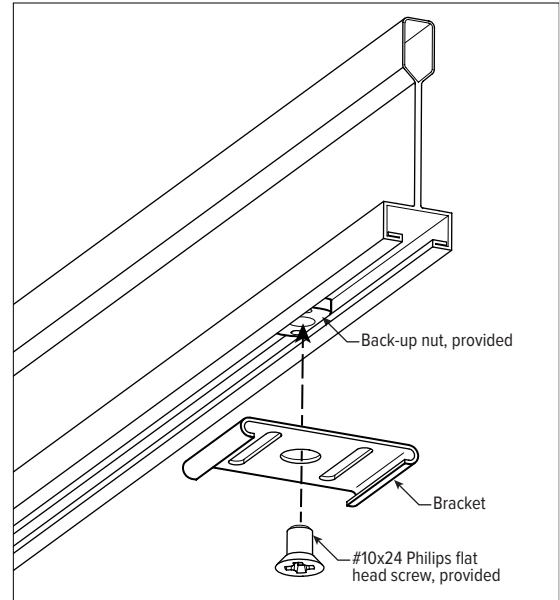
FOR USE WITH SB SLOTTED T-BAR BRACKET

STEP 1: Bracket installation.

- A. See FIG A.1.1 on page 1 for recommended bracket spacing per each fixture length.

NOTE: Brackets must be parallel or aligned to each other for proper fixture installation.

FIG B.1.1



- B. Slip back-up nut into slot.
- C. Fasten bracket with provided screw.

STEP 2: Follow grid ceiling T-bar installation STEPS 2 – 3

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INSTALLATION INSTRUCTIONS

C. SURFACE MOUNT INSTALLATION

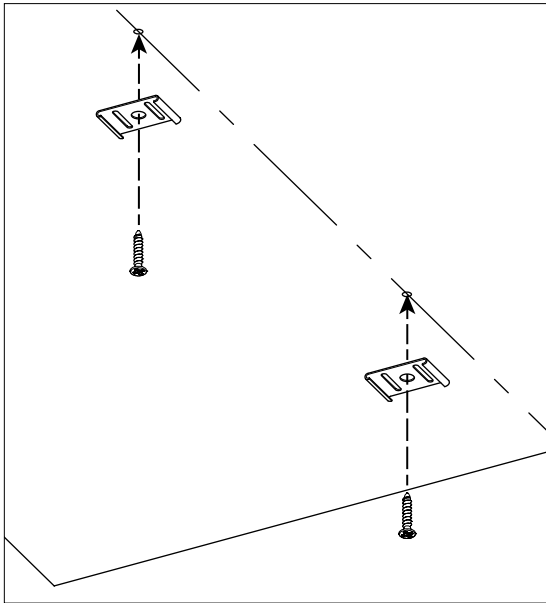
FOR USE WITH SM CLIP

NOTE: The surface mount bracket requires (1) #10 flat head screw per bracket. Installer must use hardware (by others) to satisfy the requirements of different substrate types (examples: wood, metal, drywall, masonry) and meet local codes if required.

STEP 1: Bracket installation.

- A. See FIG A.1.1 on page 1 for recommended bracket spacing per each fixture length.

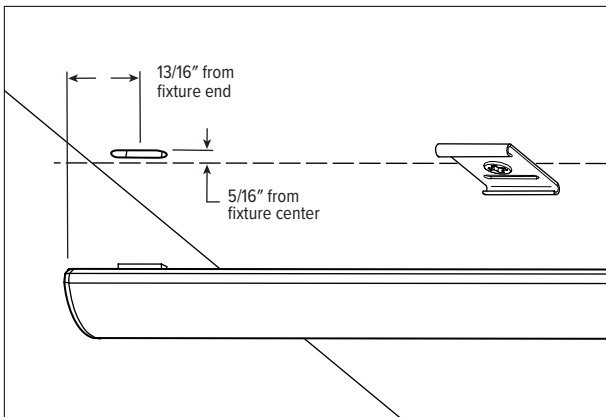
FIG C.1.1



STEP 2: Cable access.

- A. Option 1: Slot – (preferred - will be less noticeable for finished install). Use 1/4" drill bit as required to make 3/4" long slot shape. See FIG C.2.1

FIG C.2.1

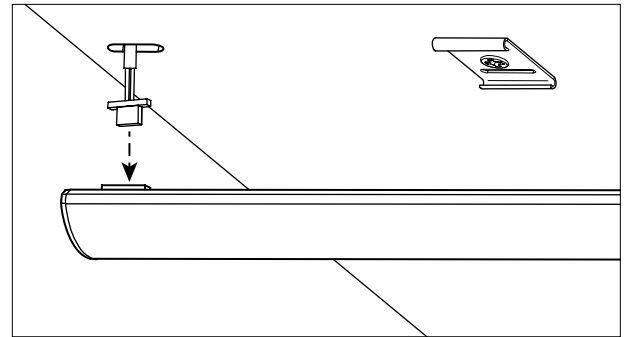


- B. Option 2: Hole – drill through with 3/4" drill bit.

STEP 3: Make electrical connections. (See "Wiring Diagram" on page 4)

- A. Connect cable. Note: cable connection is "keyed". Proper alignment is required. Press on ends of the cable connector and pull upward to remove.

FIG C.3.1



STEP 4: Fixture installation.

- A. Align groove in fixture to mate with one side of mounting clips at a slight angle.
- B. Align cable to access hole.
- C. Rotate fixture to surface. Force is required to expand clip and secure (snap) in place. Verify attachment.

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INSTALLATION INSTRUCTIONS

D. ROW ALIGNER INSTALLATION

FOR USE WHEN MOUNTING IN ROWS

NOTE: Feeder fixture provided with two end caps, packed with unit.

STEP 1: Install row aligner lens film: Fold down both ends and both sides.

FIG D.1.1

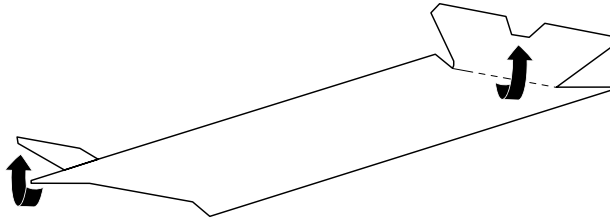
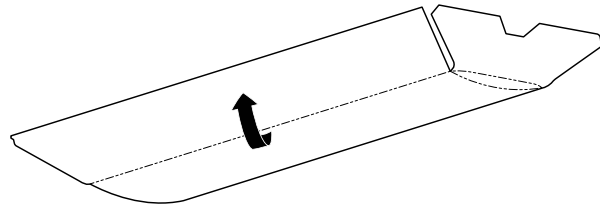
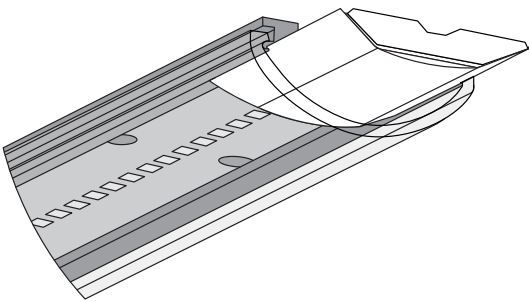


FIG D.1.2



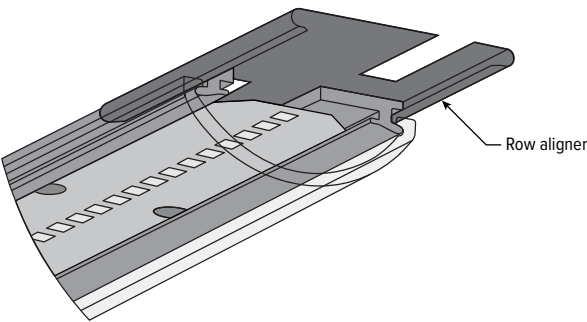
STEP 2: Hold shape and insert into housing to the mid-point.

FIG D.2.1



STEP 3: Install row aligner: Insert into bottom groove of channel and stop at the mid-point.

FIG D.3.1



STEP 4: Install next fixture in row.

E. REMOTE BOX INSTALLATION

FOR USE WITH REMOTE DRIVER AND/OR REMOTE EM BATTERY

NOTE:

- Install remote box in accordance with NEC and local codes.
- Incoming wire connections and fixture connections must be kept separate within the remote box.
- Fixtures are equipped with 10' plenum-rated cables. 20' length available, see spec sheet for details. Driver box mounting location to be within fixture cable reach.

STEP 1: Secure remote box with (4) screws (by others) using the mounting holes inside the box.

STEP 2: Make electrical connections.

- Attach incoming power to box as required.
For emergency battery only: connect EM unswitched power.
- Feed the fixture cables (provided) through the strain relief on side of box.
- Attach incoming ground wire to ground wire in box. Make all other connections as required.

FIG E.2.1

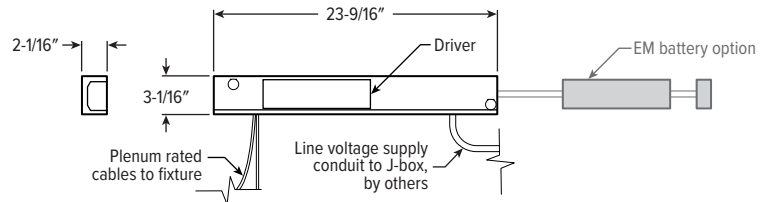
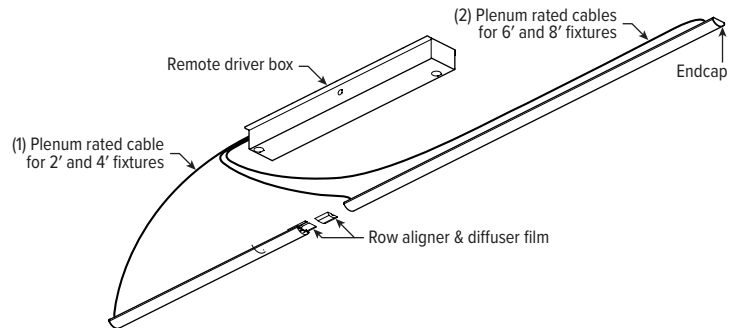


FIG E.2.2 Continuous Row Assembly



STEP 3: When specified with CP option, make sure all holes, gaps, and knockouts are covered with aluminum tape, provided.

F. WIRING DIAGRAM

Driver/power supply disconnects accept #12 – #16 AWG stranded or solid wire. Attach power supply and ground wires using UL listed wire connectors. Please consult factory for other driver configurations or emergency driver wiring diagrams.

