

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.

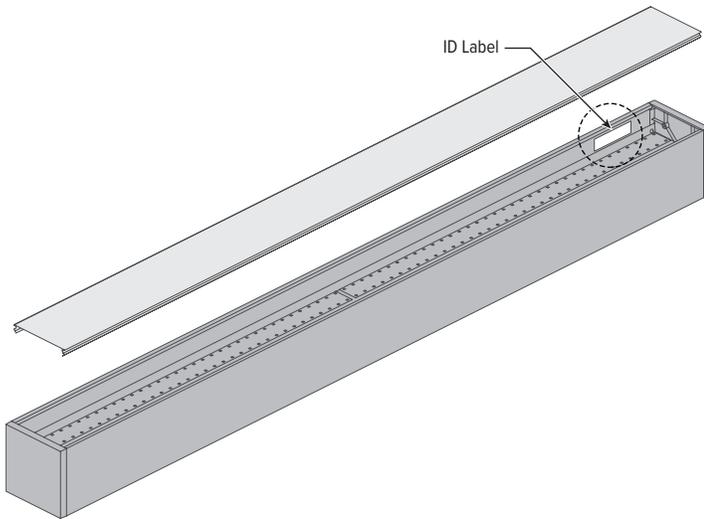
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A. PRIOR TO INSTALLATION

STEP 1: Look for linear ID label:

FIG A.1.1



STEP 2: Identify all linear luminaires by their ID label:

FIG A.2.1

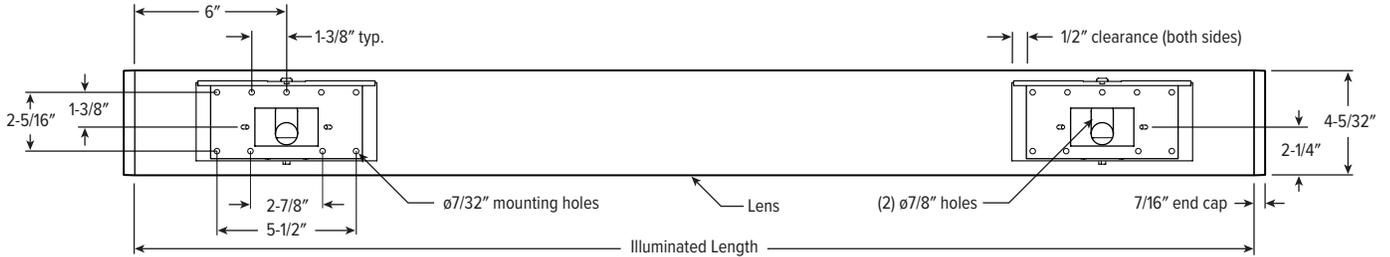
Order number	→	Order: 1234567-89	
Catalog number	→	ABC-4-L12/835	
Fixture Identifier	→	Type: L1-19.B	

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INSTALLATION INSTRUCTIONS

B. STAND-ALONE ASSEMBLY

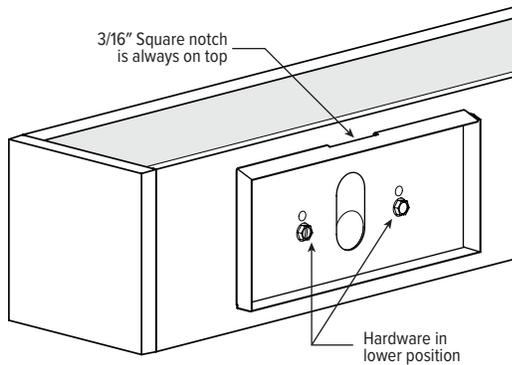
FIG B.1.1



STEP 1: Install (2) mounting brackets onto one extrusion with (4) 10-24 x 3/8" screws and nut provided.

NOTE: Square notch in the bracket is always on top.

Install hardware in the lower hole positions in the bracket.

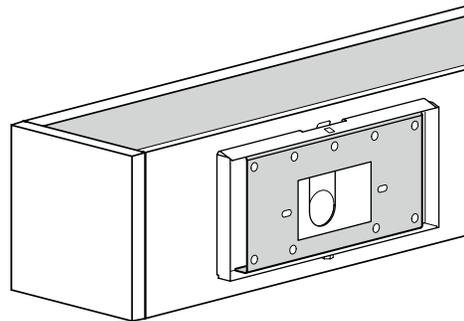
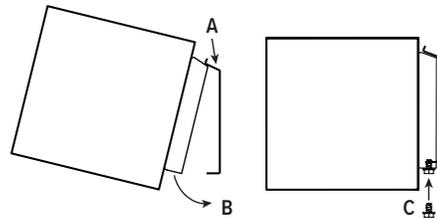


STEP 2: Install wall brackets on wall, spaced to align with mounting brackets previously installed on extrusion. Mounting brackets are 6" from ends of extrusions. See FIG B.1.1.

STEP 3: Mount extrusion to wall.

- Hook the top of the mounting bracket over the top of the wall bracket.
- Swing the extrusion down engaging the mounting bracket under the wall bracket.
- Install #8 x 1/4" sheet metal screw supplied to secure mounting.

NOTE: The wall bracket should be entirely covered, top and bottom, by the mounting bracket.

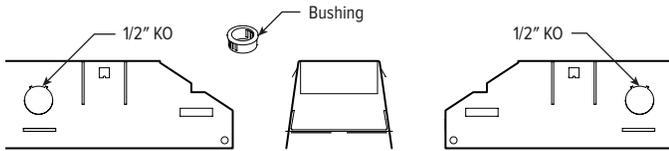


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INSTALLATION INSTRUCTIONS

STEP 4: Install light cartridge

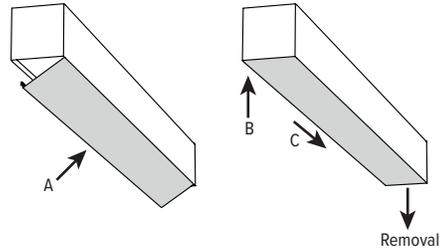
- Determine the cartridge install orientation.
- Remove 1/2" knockout from the side closest to the power entry and install bushing.
- Make electrical connections in accordance with NEC and local codes. See WIRING DIAGRAM on page 6.



- Snap the light cartridge into the extrusion. Visually check that all catches are engaged.

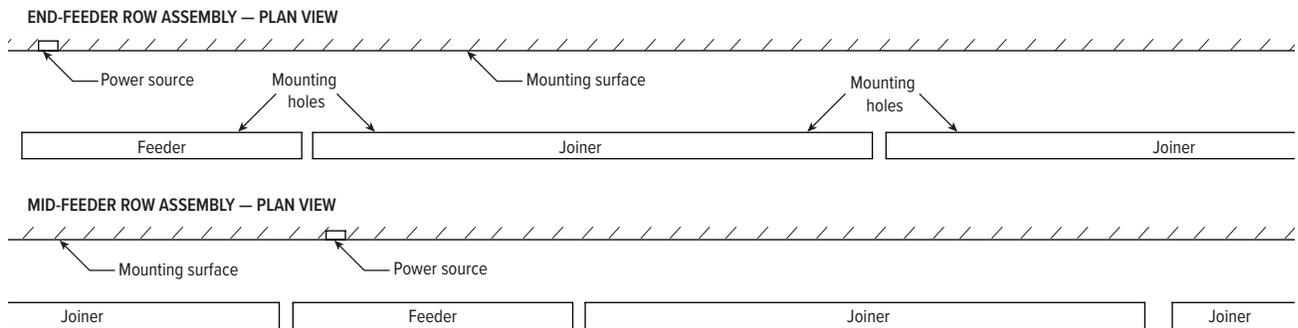
STEP 5: Install the lens

- Insert one side of the lens into one side of the fixture housing.
 - Push the corner of the opposite side of the lens into place.
 - Continue pushing along the housing until the entire lens is installed.
- Cut final Row-Mount lens to length as required.
 - To remove the lens, pry out starting with the 4" wide end.



C. ROW ASSEMBLY

FIG C.1.1

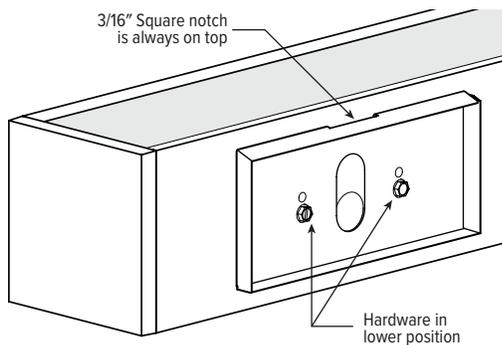


- STEP 1:** Layout extrusions so the mounting bracket holes are facing the mounting surface. Lay the feeder extrusion near the power source in the mounting surface. See FIG C.1.1.

STEP 2: Install mounting brackets.

Feeder extrusion: Install (2) mounting brackets onto extrusion with (4) 10-24 x 3/8" screws and nut provided.

Install hardware in the lower hole positions in the bracket.

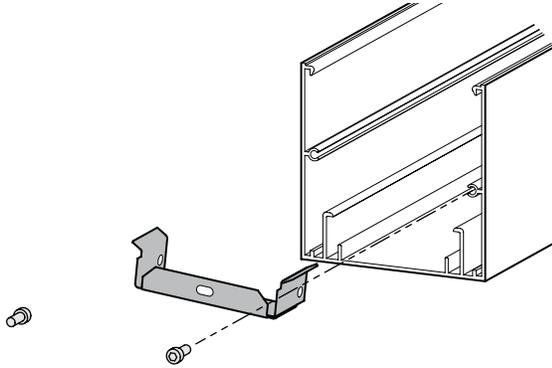


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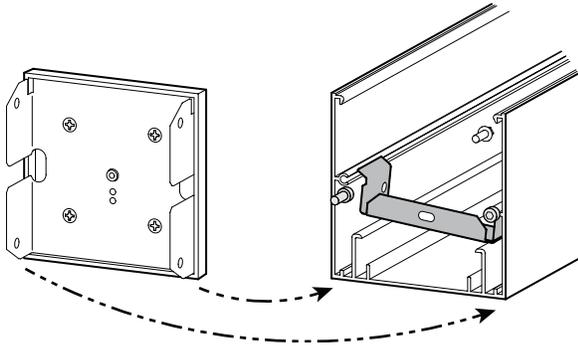
INSTALLATION INSTRUCTIONS

STEP 3: Install end caps.

- A. Install end plate onto end of row-end extrusion using 10-24 x 1" SST socket head cap screws.



- B. Install and secure end cap from inside using (4) #8 x 1/4" flathead screws provided.



STEP 4: Joining bracket and row aligner installation.

FIG C.4.1 OFFSET SCREW BOSS DETAILS

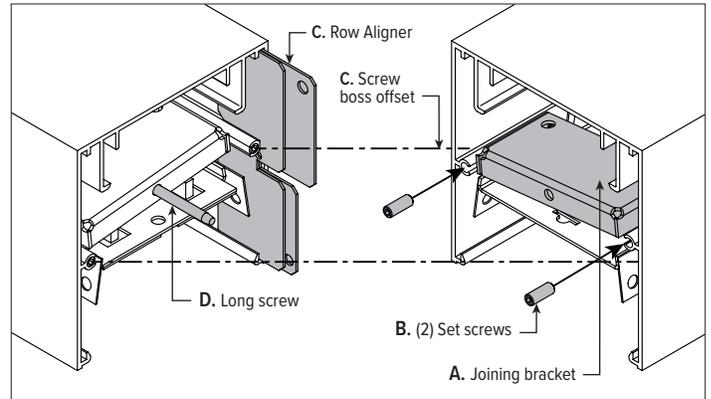
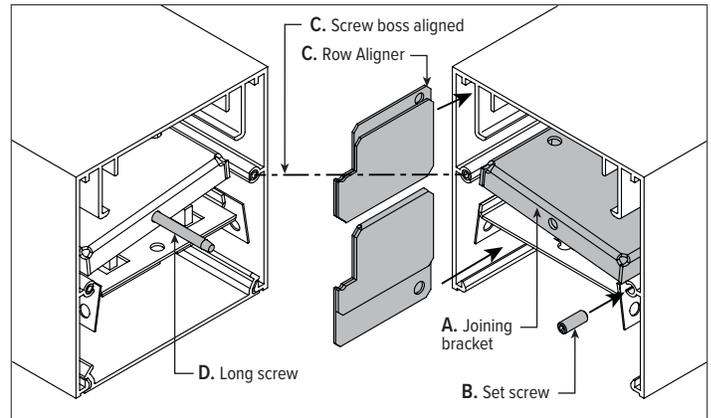


FIG C.4.2 ALIGNED SCREW BOSS DETAILS



- A. Install joining bracket by sliding into screw boss of mating fixture in orientation shown.
- B. Install (2) set screws into screw boss to captivate joining bracket.
- C. Install row aligner
- If screw bosses **offset** in row configuration, use provided aligner as one piece per leg (4 total). See FIG C.4.1.
 - If screw bosses **align** in row configuration, separate provided aligner into 2 pieces and use each piece individually in each section of each leg. See FIG C.4.2.
- D. Join fixtures and draw together using long 10-32 screw provided. (Do not overtighten).

STEP 5: Install wall brackets on wall, spaced to align with mounting brackets previously installed on extrusion. Mounting brackets are 6" from ends of extrusions. See FIG B.1.1 on page 2.

NOTE: Joiners require only 1 bracket.

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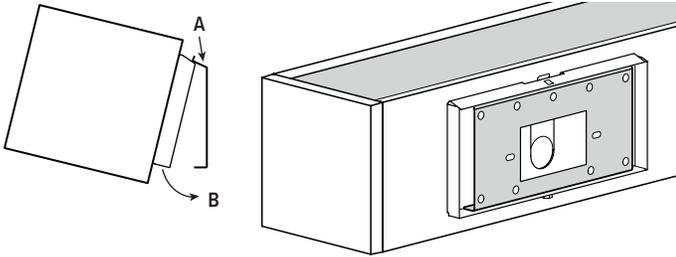
INSTALLATION INSTRUCTIONS

STEP 6: Mount extrusion to wall.

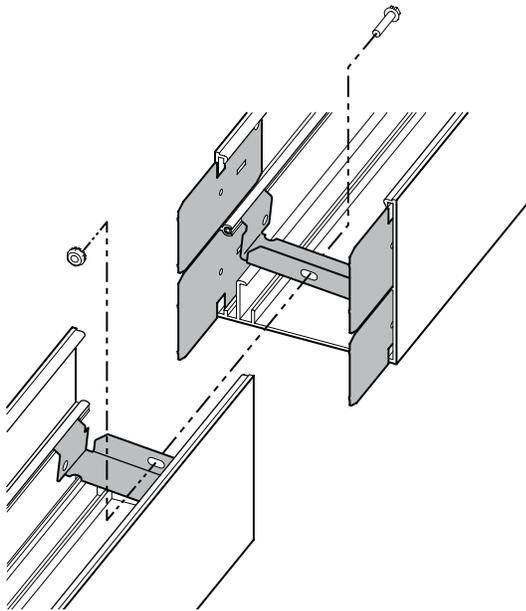
NOTE: For shorter rows, extrusions may be joined before mounting.

- A. Mount feeder extrusion. Hook the top of the mounting bracket over the top of the wall bracket.
- B. Swing the extrusion down engaging the mounting bracket under the wall bracket.

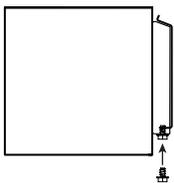
NOTE: The wall bracket should be entirely covered, top and bottom, by the mounting bracket.



- C. Mount the joiner extrusion and connect row aligners using 8-32 x 3/4" cap screw and nut provided. Secure tightly to achieve flush seams.

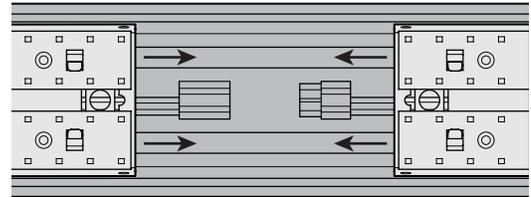


- D. Continue mounting and connecting joiner extrusions until row is complete.
- E. Install #8 x 1/4" sheet metal screws supplied into the bottom of each bracket to secure mounting.

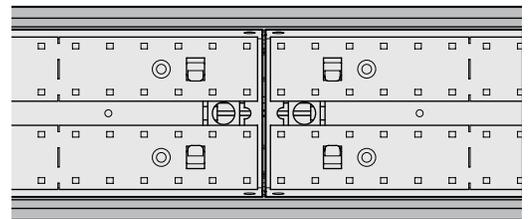


STEP 7: Install light cartridges.

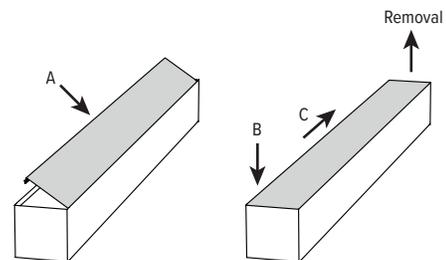
- A. Feeder cartridge: See "Step 4: Install light cartridge" on page 3.
- B. Joiner cartridge: Snap light cartridges in place leaving 4"-6" of space between units. Visually check that all catches are engaged.
- C. Connect quick-connect harness(es).



- D. Slide cartridges tightly together toward end plate covering wiring harness.



STEP 8: Install lenses: See "Step 5: Install the lens" on page 3.



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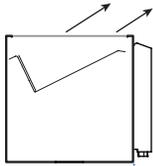
INSTALLATION INSTRUCTIONS

D. ASY OPTION INSTALLATION

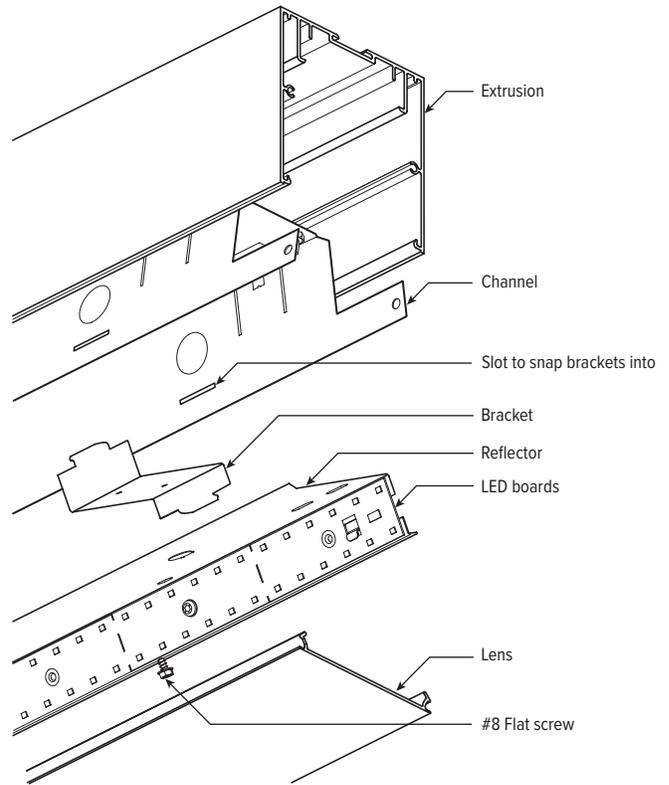
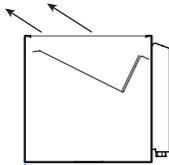
CHANGE DIRECTION OF THROW

- STEP 1: Remove (3) screws from reflector.
- STEP 2: Snap bracket out of channel, then rotate 180°.
- STEP 3: Snap bracket back into channel.
- STEP 4: Attach reflector to brackets using #8 flat screws.

DIRECTION OF THROW



REVERSED DIRECTION OF THROW



E. WIRING DIAGRAM

Make electrical connections in accordance with NEC and local codes.

