

## INSTRUCTION SHEET



### GRUV1.5-J/GB COMBO ("J" CHANNEL/GYPSUM BOARD)

689-0533

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**WARNING - RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY. FIXTURE IS INTENDED FOR INSTALLATION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LOCAL AND FEDERAL SPECIFICATIONS. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.**  
**RETAIN THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE.**

**FIXTURE MUST BE INSTALLED BEFORE GYPSUM BOARD. "J" CHANNEL MUST BE INSTALLED FIRST IN PREPARATION OF FIXTURE INSTALLATION. THE PURPOSE OF THE "J" CHANNEL IS TO ALIGN THE FIXTURE ROW TO ARCHITECTURAL ELEMENTS.**

#### "J" CHANNEL INSTALLATION

1. "J" CHANNEL MAY BE SUPPLIED WITH THE FIXTURE OR IT MIGHT BE SUPPLIED SEPARATELY.
2. THE "J" CHANNEL COMES IN 4' AND 8' LENGTH. FOR LONG ROWS ONE OR MORE SECTIONS OF THE "J" CHANNEL MUST BE FIELD CUT TO SIZE BY INSTALLING CONTRACTOR TO FIT THE ROW LENGTH.
3. THE "J" CHANNEL SITS 5/16" ABOVE THE FINISHED CEILING PLANE AS SHOWN IN DIAGRAM #1
4. INSTALL "J" CHANNEL AT APPROPRIATE HEIGHT PER ARCHITECTURAL LAYOUT. USE SUITABLE HARDWARE
5. "J" CHANNELS STRAIGHTNESS AND TRUE TO ARCHITECTURAL LAYOUT IS CONTRACTOR'S RESPONSIBILITY.
6. "J" CHANNEL BRACKET IS PART OF THE FIXTURE. SUPPORT THE FIXTURE IN THE "J" CHANNEL AS SHOWN IN DIAGRAM #3. FIXTURE WEIGHT MUST BE SUPPORTED BY BUILDING STRUCTURAL MEMBER ATTACHED TO 1/4-20 BOLT.

#### GRUV1.5-J/GB COMBO FIXTURE INSTALLATION

1. BRING FIXTURE TO THE WALL WITH INSTALLED "J" CHANNEL AS SHOWN IN DIAGRAM #2.
2. HANG FIXTURE TO THE WALL. MATE MOUNTING SLEEVE WITH "J" CHANNEL (DIAGRAM #3).
3. ATTACH 1/4-20 STUD TO BUILDING STRUCTURAL CEILING WITH HARDWARE (BY OTHERS).
4. SECURE FIXTURE FLANGE TO SUPPORT BLOCKING (BY OTHERS) USING APPROPRIATE HARDWARE (BY OTHERS).
5. TIGHTEN UNTIL FLANGE IS SNUG AGAINST CEILING

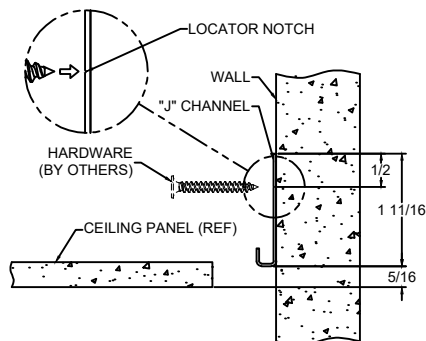


Diagram #1

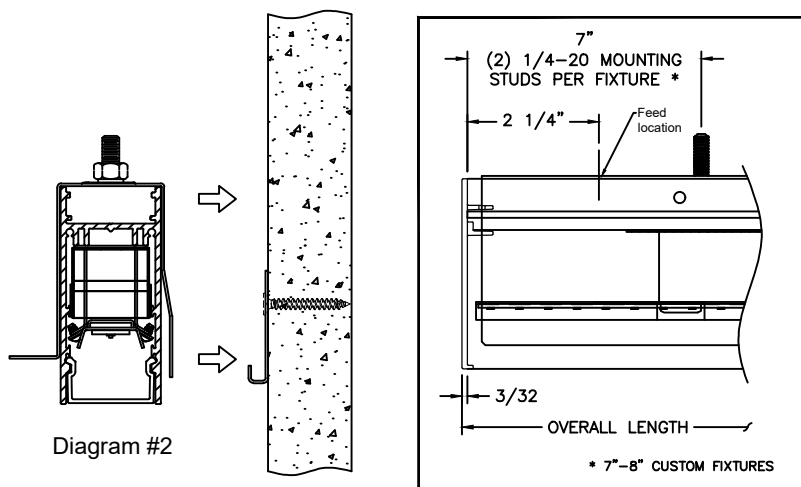


Diagram #2

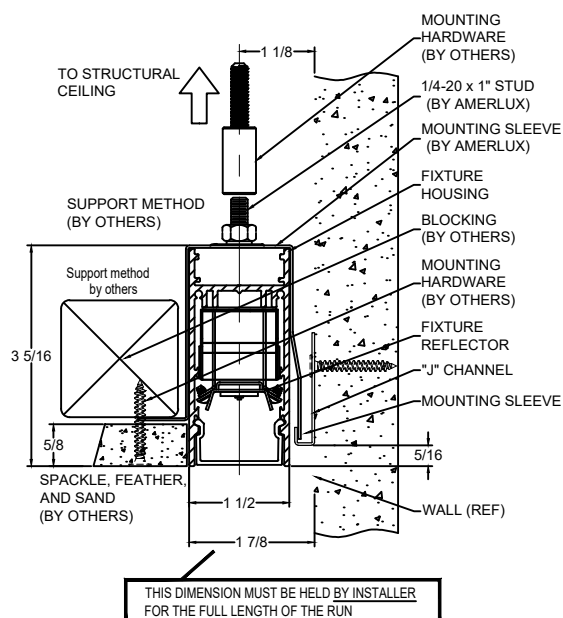


Diagram #3

Amerlux reserves the right to change details that do not affect overall function and performance.

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### GRUVM-COMBO ("J" CHANNEL/GYPSUM BOARD)

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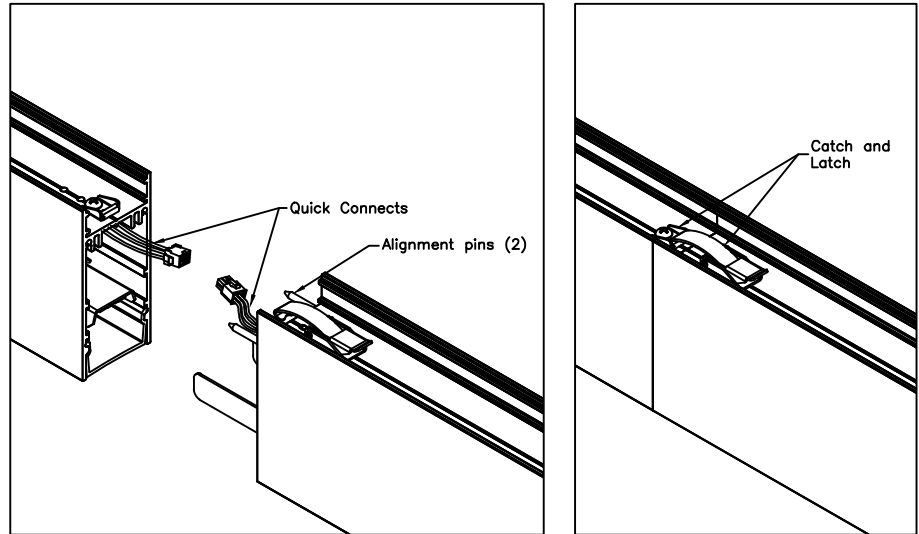
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## ROW JOINING:

### JOIN FIXTURES IN CONTINUOUS RUN:

1. Bring 2nd fixture close to installed fixture.
2. Connect each reflector assembly via quick connect plugs.
3. Line up the two housings by using the alignment pins, 2 per joint, factory installed in BoR and MoR (Middle of Run) fixtures. Press-fit housings together in tight butt-joint. **Be careful not to pinch harness wires between sheet metal or extrusion.**
4. Secure fixtures together with catch and latch.
5. Repeat for each fixture in row.
6. Install correct lamps and lenses.



## FIXTURE MAINTENANCE:

### REFLECTOR REMOVAL:

(only required to access driver)

**WARNING:** Electrostatic and polarity sensitive device.

Use caution while handling and wiring.

#### 1.) LED Fixture:

Consult Amerlux for LED maintenance.

#### 2.) LED Replacement:

For LED board replacement reference 689-0500 Instruction Sheet

#### 3.) Driver maintenance:

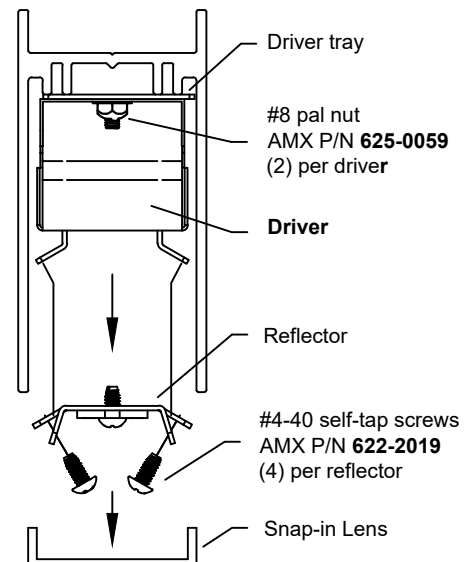
Drivers are located on tray beneath bottom reflectors, secured by (2) #8 pal nuts per driver.

Remove the reflector mounting screws to access.

For driver replacement, please specify:

Manufacturer, Model No, and Current Setting (  mA ).

See 710-0134 Wiring Schematic for more details.



# INSTRUCTION SHEET

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GLOBAL LIGHTING SOLUTIONS

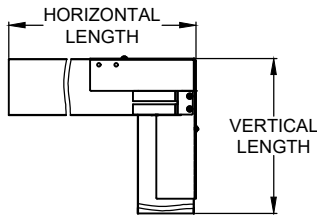
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("J" CHANNEL/GYPSUM BOARD)**

**689-0533**

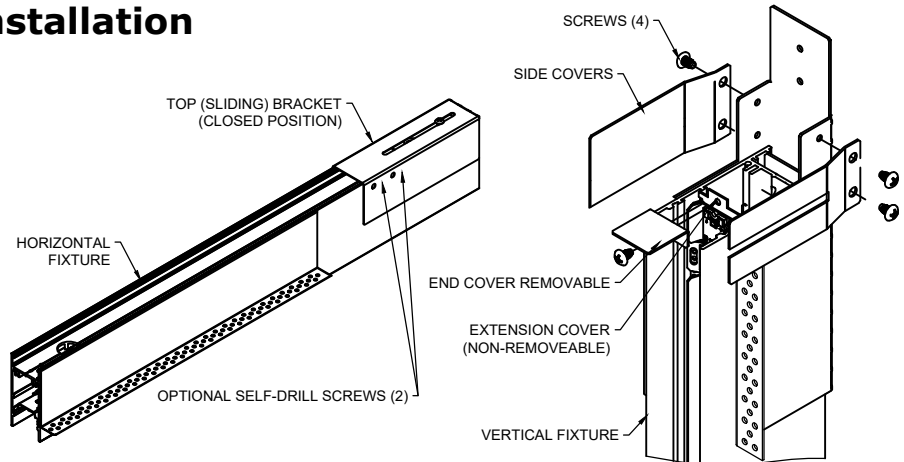
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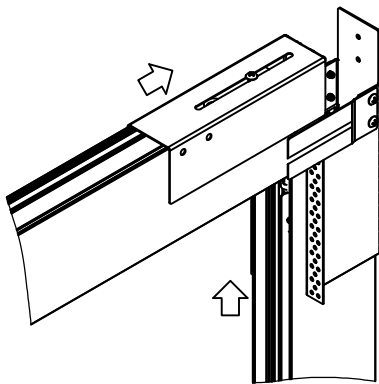
## Wall/Ceiling Corner Installation



1. Install Vertical fixture(s) from the ground up. Secure fixtures following instructions from pages 1-3.
2. Once the fixture is secure, feed power source through the knock-out. Splice to harness according to code.

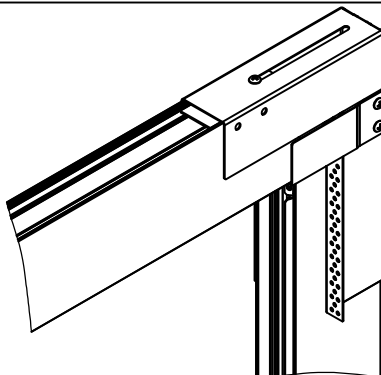
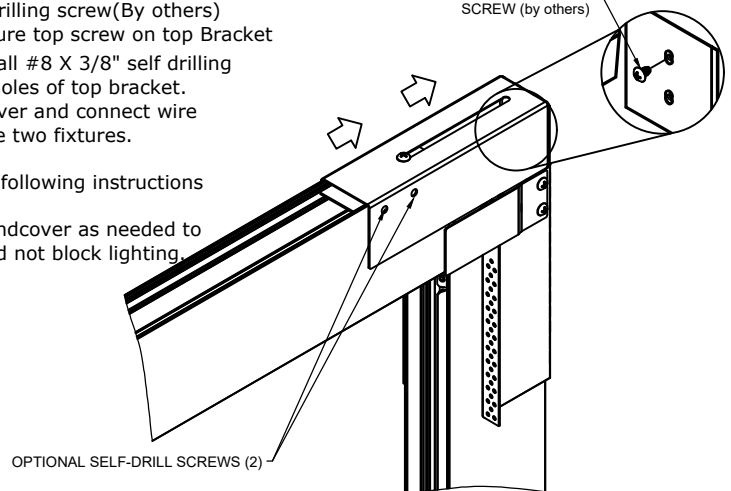


3. Install Horizontal fixture(s) closest to corner.
  - A. Lift fixture to ceiling. Shift housing over vertical housing. (Overlap min. of  $\frac{1}{4}$ ", max.  $2\frac{1}{4}$ ") Reference layout drawing for location.



- B. Loosen the top screw to the Top Bracket. Slide Top Bracket to wall and tighten top screw.
- C. (Option 1 ) Secure Top Bracket to vertical Bracket with self drilling screw(By others)
- D. (Option 2 ) Secure top screw on top Bracket
- E. (Option 3 ) Install #8 X 3/8" self drilling screw in the side holes of top bracket.
- F. Remove End Cover and connect wire harnesses from the two fixtures. Install End Covers.
- G. Secure fixtures following instructions from pages 1-3.
- H. Snip/Remove Endcover as needed to cover wire way and not block lighting.

OPTIONAL #8 X 3/8" SELF-DRILLING SCREW (by others)



4. \* Install wall (By Others)
5. Spackle in fixture.
6. Remove SHIPPING BRACE.
7. Snap-in LENS.

\*: Fixture **MUST** be mounted before wall/ceiling is installed.

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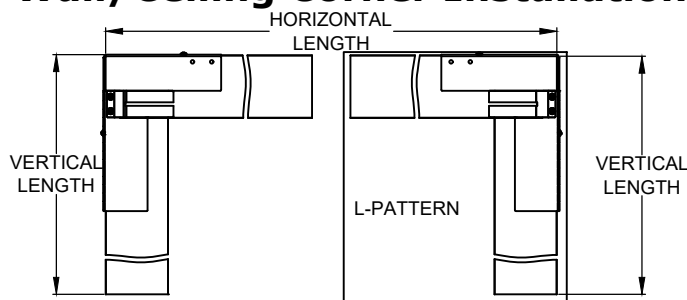
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## Wall/Ceiling Corner Installation - "U" Pattern



1. Repeat steps 1-3 from L-Pattern Installation sheet on page 4.

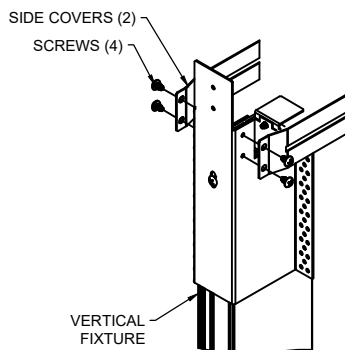
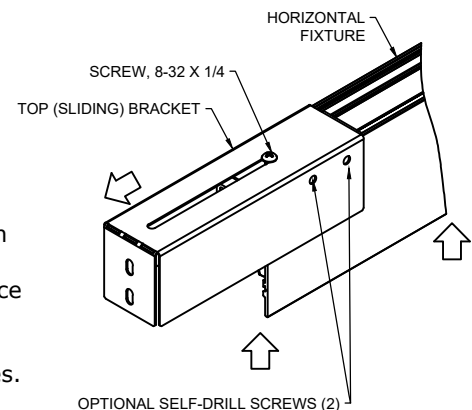
2. Once the fixture is secure, feed power source through the knock-out.

Splice to harness according to code

3. Continue installing rest of Horizontal fixtures.

4. Install Horizontal fixture closest to corner.

A. Tighten screw to the Top Bracket. Slide Top Bracket to wall and tighten optional self-drill screws if necessary.



5. Install Vertical fixture closest to corner.

A. Remove Side Covers.

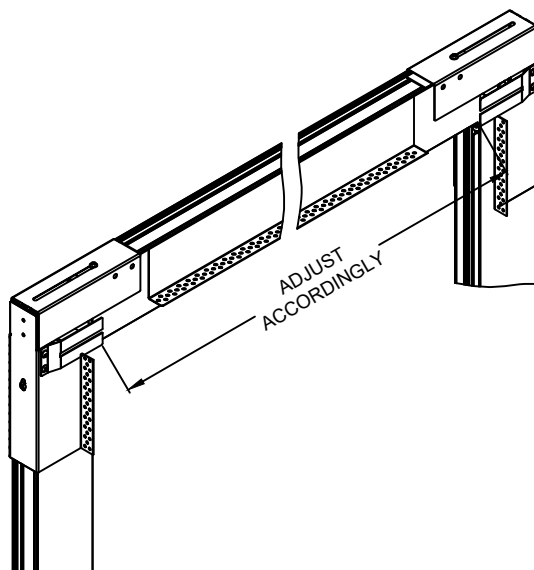
B. Mount fixture so top edge of extrusion on the vertical fixture is flush with horizontal fixture. (Overlap min. of  $\frac{1}{4}$ ", max.  $2\frac{1}{4}$ ")

Reference layout drawing for location.

C. Re-Install Side Covers

D. Remove Side Covers if max overlap is exceeded.

E. Secure fixtures following instructions from pages 1-3.



6. \* Install wall (By Others)
7. Spackle in fixture.
8. Remove SHIPPING BRACE.
9. Snap-in LENS.

\*: Fixture **MUST** be mounted before wall/ceiling is installed.