

INSTRUCTION SHEET

amerlux
GLOBAL LIGHTING SOLUTIONS

GRUV2.5-COMBO ("J" CHANNEL/GRID)

689-0471

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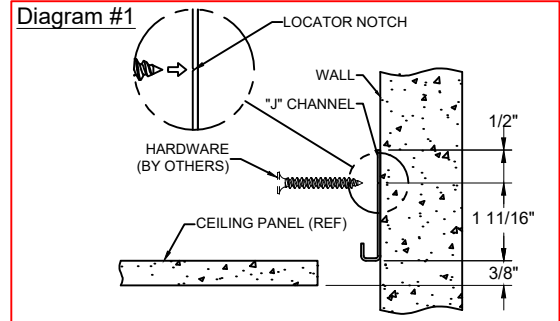
WARNING - RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY. FIXTURE IS INTENDED FOR INSTALLATION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LOCAL AND FEDERAL SPECIFICATIONS. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

RETAIN THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE.

GRID AND "J" CHANNEL MUST BE INSTALLED BEFORE FIXTURE. THE PURPOSE OF THE "J" CHANNEL IS TO ALIGN THE FIXTURE ROW TO ARCHITECTURAL ELEMENTS.

INSTALL "J" CHANNEL

- "J" channel may be supplied with the fixture or may be supplied separately.
- "J" channel is supplied in 4' and 8' lengths. 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.
- Install "J" channel **3/8" above the finished ceiling plane** as shown in Diagram #1. Use suitable hardware.
- "J" channel straightness and trueness to architectural layout is contractor's responsibility.
- Fixture will rest in the "J" channel and on the grid as shown in Diagram #5 below, and will be structurally stabilized and secured by A) grid clips, and B) building structural member attached to 1/4-20 stud.



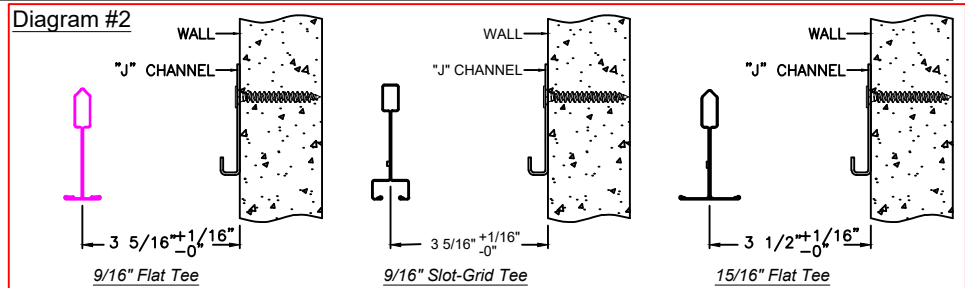
INSTALL GRID

Mount lengthwise tees per Diagram #2:
3 5/16" from wall for 9/16" flat and slot-grid tees,
3 1/2" from wall for 15/16" flat tee.

Tee mounting dimension must be held by installer for entire length of run.

Refer to layout for end-of-run tee mounting on-center dimensions.

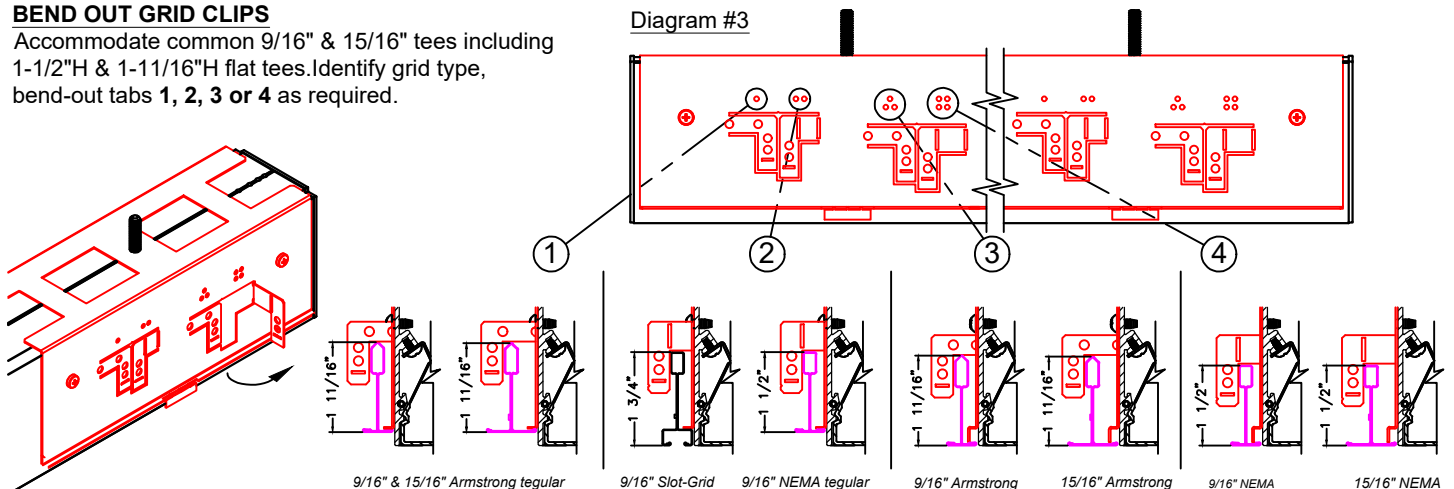
Diagram #2



BEND OUT GRID CLIPS

Accommodate common 9/16" & 15/16" tees including 1-1/2"H & 1-11/16"H flat tees. Identify grid type, bend-out tabs **1, 2, 3 or 4** as required.

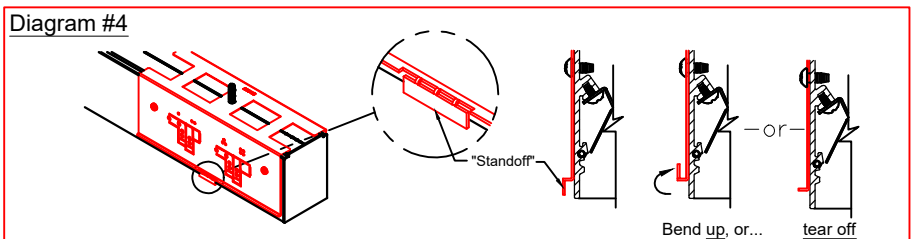
Diagram #3



BEND UP "STANDOFF"

If ceiling type is **9/16" Slot-Grid tee** or **9/16" flat tee with tegular tile** (grid type **1** or **2** per Diagram #3 above), hand-bend up or tear off "standoffs" on grid side of fixture, 2 per fixture.

Diagram #4



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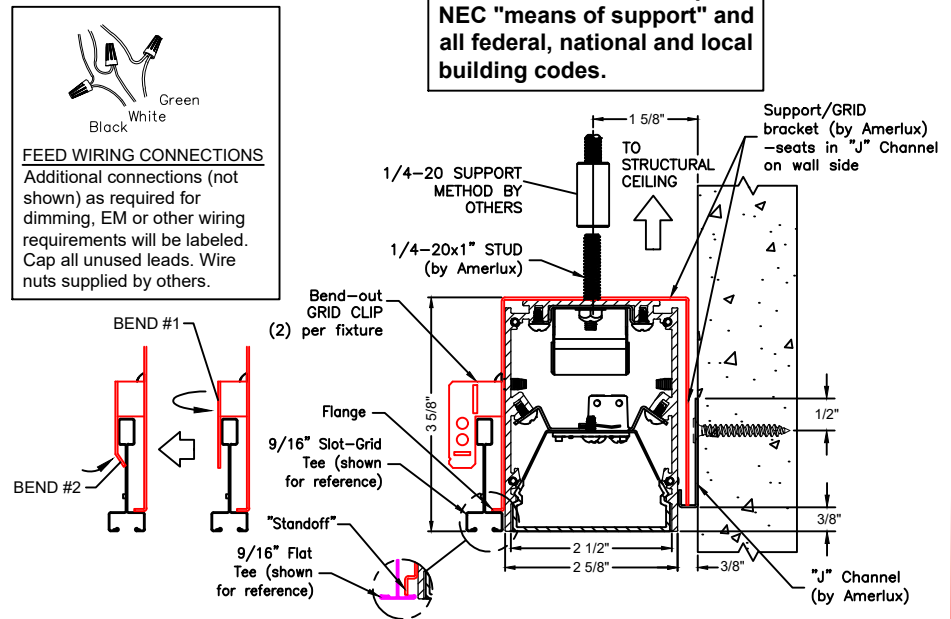
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INSTALL GRUV2.5-COMBO FIXTURE:

- 1) Lift fixture into place above ceiling grid. Handle fixture carefully to avoid bowing and/or fixture distortion. Lower fixture onto ceiling grid and "J" angle, making sure bend-out clips and fixture flange or "standoff" rests on tee.
- 2) Hand-bend grid clip to press securely against side of tee (Bend #1) then beneath bulb of tee (Bend #2).
- 3) Secure fixture 1/4-20 studs, 2 per fixture, to structure above via coupler and threaded rod (by others).
- 4) Make sure power is off at electrical panel. Make electrical connections per NEC and local codes.
- 5) If fixture is individual, install correct lamp(s) and lens. **Lens lengths usually correspond to fixture lengths.** If fixture is BoR (Beginning of Run), go to next section.

Diagram #5



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, 4 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.

Diagram #6

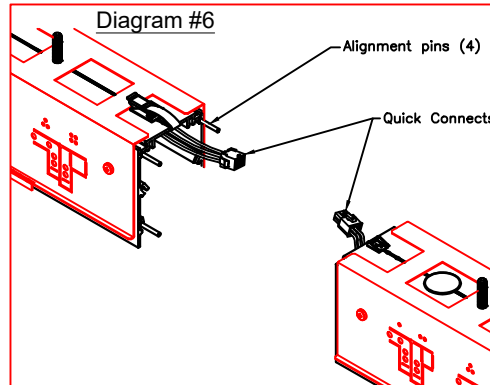
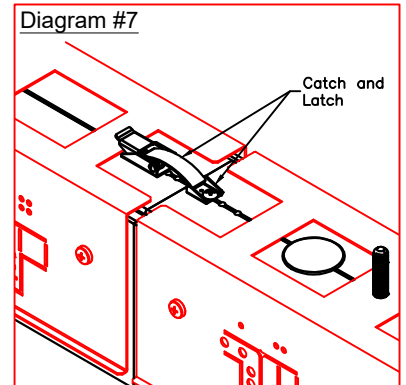


Diagram #7



MAINTENANCE:

LED: **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 689-0394 Instruction Sheet.

3.) Driver maintenance:

Drivers are located on tray beneath reflectors, (1) driver per tray, secured by (2) #8 pal nuts.

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.

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GRUV2.5- J/GRID COVE MOUNT ("J" CHANNEL/GRID) (SLOT GRID)

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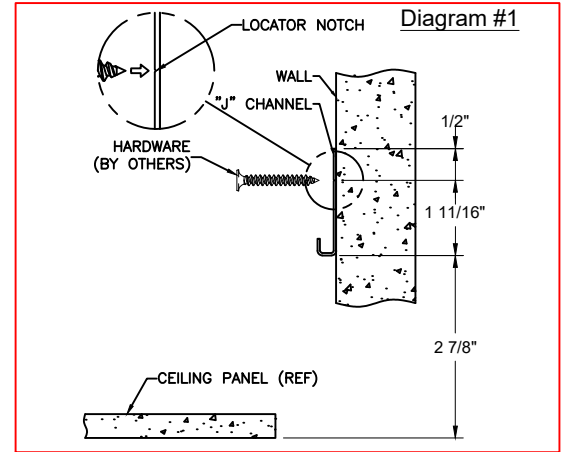
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- Install "J" channel 2-7/8" above the finished ceiling plane as shown in Diagram #1. Use suitable hardware.
- "J" channel straightness and trueness to architectural layout is contractor's responsibility.
- Fixture will rest in the "J" channel and on the grid as shown in Diagram #3 below, and will be structurally stabilized and secured by A) grid clips, and B) building structural member attached to 1/4-20 stud.

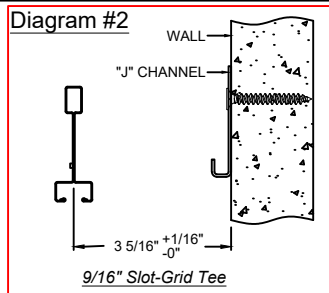


INSTALL GRID

Mount lengthwise tees per Diagram #2:
3 5/16" from wall for 9/16" flat and slot-grid tees.

Tee mounting dimension must be held by installer for entire length of run.

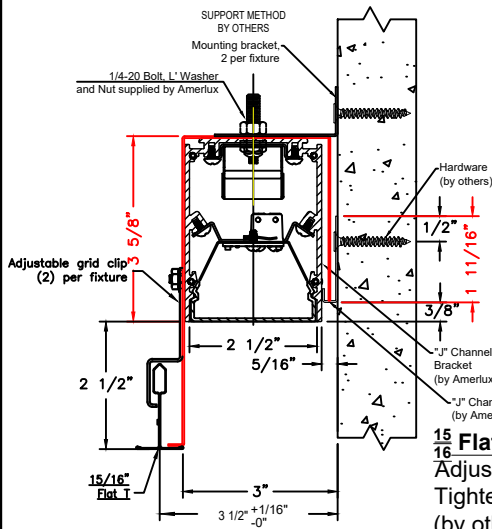
Refer to layout for end-of-run tee mounting on-center dimensions.



J/GRID CLIPS(COVE)

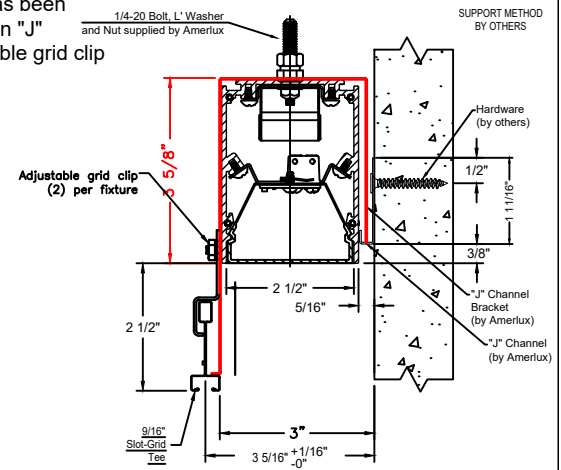
GRUV2.5 J/GRID COVE MOUNT accommodates 9/16" slot grid ceiling. Once "J" Channel has been secured and grid is installed, place fixture in "J" Channel and rest on grid, then use adjustable grid clip to secure in place. (see diagram 3)

Diagram #3



15 Flat T WALL MOUNTING OPTION.

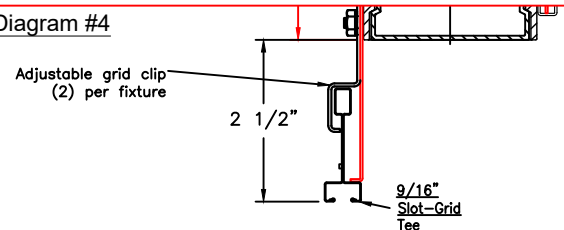
Adjust wall mounting brackets flush with wall. Tighten 1/4-20 nuts and attach with (2) screws (by others) to wall



Adjustable Grid Clip-

For ceiling type of 9/16" Slot-Grid tee (use adjustable clip to mount to grid)

Diagram #4



INSTRUCTION SHEET



GRUV2.5-GRID BRACKETS FOR 9/16" & 15/16" TEE

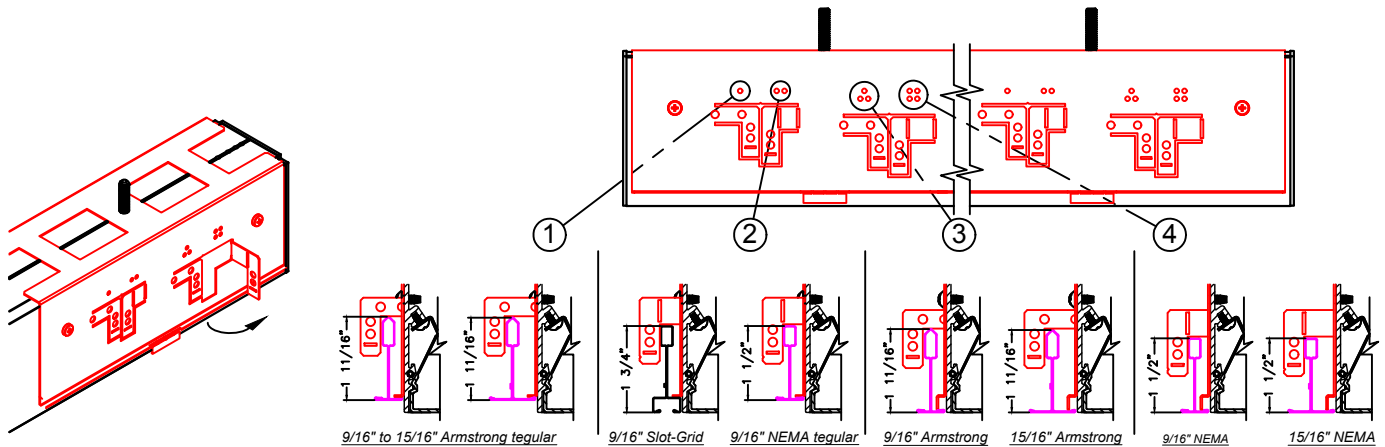
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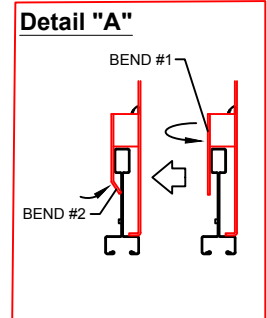
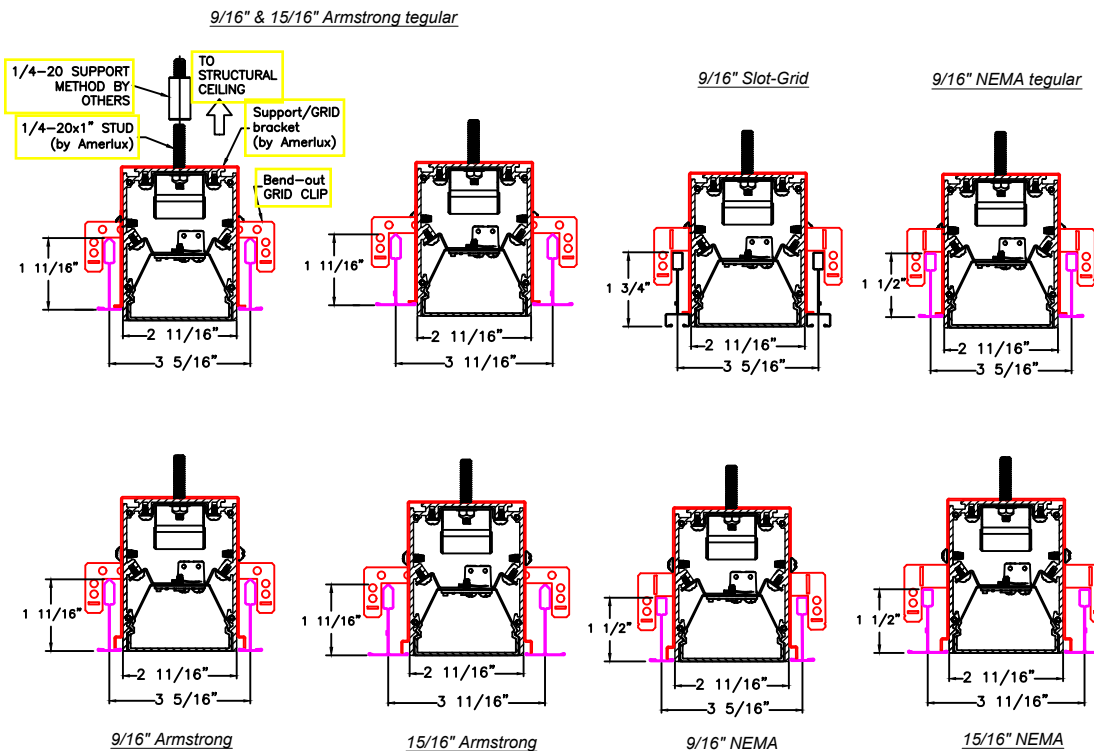
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CEILING GRID MUST BE INSTALLED BEFORE FIXTURE.



- 1) CEILING GRID TO BE INSTALLED (BY OTHERS). TEE GRID DIMENSION MUST BE HELD FOR ENTIRE LENGTH OF ROW.
- 2) INSTALLING CONTRACTOR TO IDENTIFY GRID TYPE AND **BEND OUT** FIXTURE **GRID CLIPS 1, 2, 3 OR 4** AS REQUIRED.
REFER TO LAYOUT FOR END-OF-ROW MOUNTING ON-CENTER DIMENSIONS
- 3) CAREFULLY HANDLE FIXTURE TO AVOID BOWING/DISTORSION. LIFT FIXTURE INTO CEILING, MAKING SURE **BEND OUT GRID CLIPS** REST ON CEILING GRID. PRESS BEND-OUT TABS SECURELY AGAINST CEILING GRID, THEN BEND TAB OVER AGAINST BOTTOM OF GRID BULB TO PREVENT FIXTURE FROM LIFTING DURING LENS INSTALLATION (SEE DETAIL "A").
- 4) E.C. TO SECURE FIXTURE PER NEC CODE VIA THREADED ROD, WIRE TIES OR OTHER MEANS (HARDWARE BY OTHERS).
- 5) MAKE SURE POWER IS OFF AT ELECTRICAL PANEL AND MAKE ELECTRICAL CONNECTIONS AS REQUIRED.



INSTRUCTION SHEET



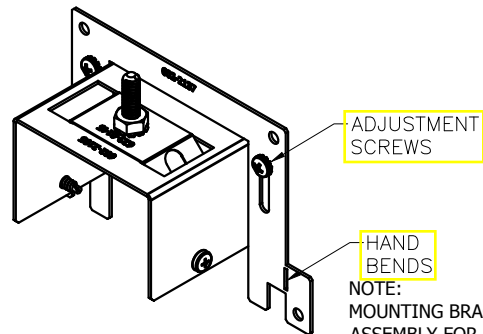
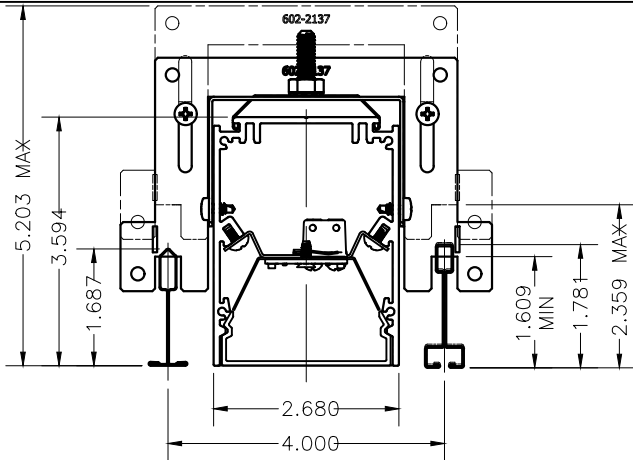
GRUV2.5-GRID ADJUSTABLE BRACKET 4" GRID ON CENTER

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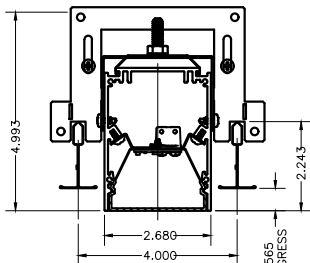
CEILING GRID MUST BE INSTALLED BEFORE FIXTURE.



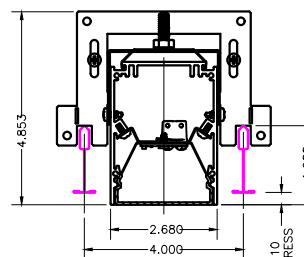
ISOMETRIC VIEW

NOTE:
MOUNTING BRACKET SUB
ASSEMBLY FOR 4" ON
CENTER GRID AMERLUX
PART #301-9855 SUB ASSY,
GRUVM-EX-SF, 4" GRID
ADJUSTABLE CEILING
MOUNTING KIT

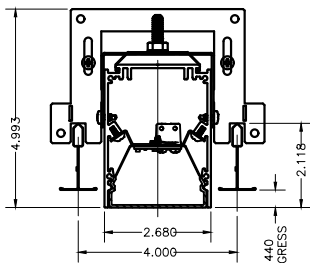
- 1) CEILING GRID TO BE INSTALLED (BY OTHERS).
- 2) INSTALLING CONTRACTOR TO VERIFY CEILING GRID HEIGHT AND CEILING TILE.
NOTE: TEE MOUNTING DIMENSION MUST BE HELD BY INSTALLER FOR ENTIRE LENGTH OF ROW.
REFER TO LAYOUT FOR END-OF-ROW MOUNTING ON-CENTER DIMENSIONS
- 3) LIFT FIXTURE INTO PLACE IN CEILING GRID. HANDLE FIXTURE CAREFULLY TO AVOID BOWING AND/OR FIXTURE DISTORTION.
INSTALL FIXTURE INTO CEILING GRID, MAKING SURE FIXTURE BRACKETS RESTS ON CEILING GRID,
LOOSEN SCREWS FOR MOUNTING BRACKETS AND LEVEL FIXTURE (PER PLAN) TO FINISHED CEILING AND TIGHTEN MOUNTING SCREWS
BRACKETS ADJUSTMENT: MIN. 1.609" TO MAX. 2.359
PRESS BEND-OUT TABS SECURELY AGAINST CEILING GRID, THEN BEND TAB OVER AGAINST BOTTOM OF GRID BULB TO PREVENT FIXTURE FROM LIFTING DURING LENS INSTALLATION.
- 4) E.C. TO SECURE FIXTURE PER NEC CODE VIA THREADED ROD, WIRE TIES OR OTHER MEANS (HARDWARE SUPPLIED BY E.C.).
- 5) MAKE SURE POWER IS OFF AT ELECTRICAL PANEL AND MAKE ELECTRICAL CONNECTIONS AS REQUIRED.



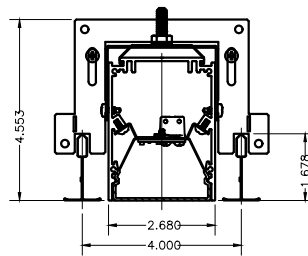
15/16" CEILING TEE
OPTIMA VECTOR CEILING



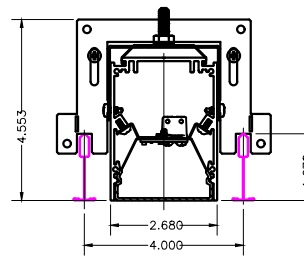
9/16" FLAT CEILING
TEE TEGULAR TILE



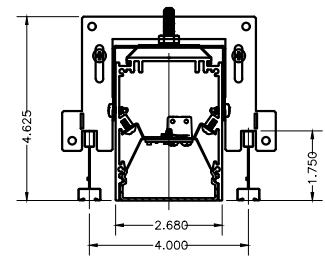
15/16" CEILING TEE
WOODWORKS VECTOR
CEILING



15/16" FLATE CEILING
TEE FLUSH INSTALL



9/16" FLAT CEILING
TEE FLUSH INSTALL



9/16" SLOT GRID
CEILING TEE INSTALL