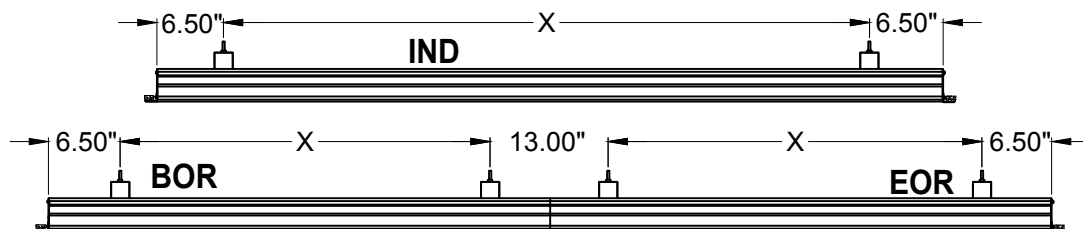


WARNING - RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY. FIXTURE IS INTENDED FOR INSTALLATION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LOCAL AND FEDERAL SPECIFICATIONS. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

RETAIN THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE.

Suspension Points



Example of a continuous row

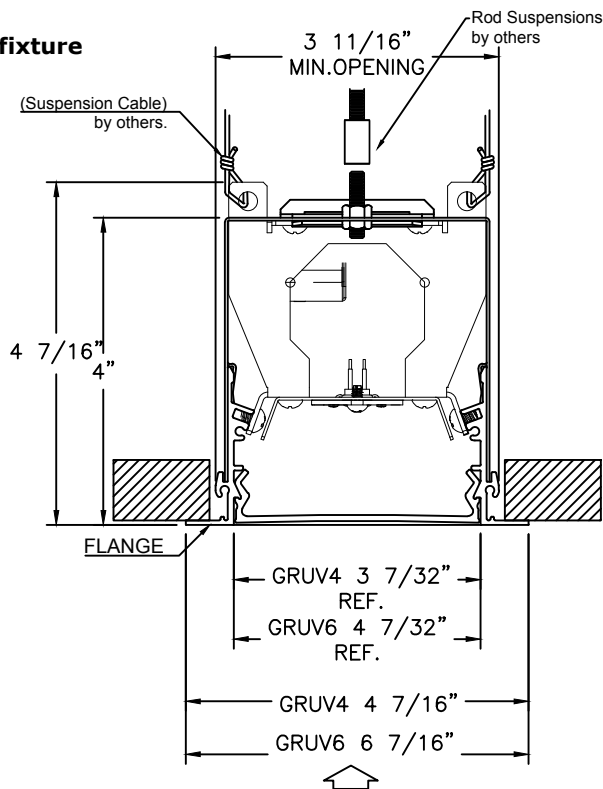
Individual Installation - Gypsum board (GB) ceiling

FIXTURES TO BE INSTALLED PER NEC "MEANS OF SUPPORT AND ALL FEDERAL, NATIONAL AND LOCAL BUILDING CODES.

FIXTURE MUST BE INSTALLED BEFORE CEILING SYSTEM.

Shown: hanging the fixture via threaded rods.

1. FIXTURE TO BE INSTALLED BEFORE CEILING.
2. LIFT FIXTURE INTO PLACE. HANDLE FIXTURE CAREFULLY TO AVOID BOWING AND/OR FIXTURE DISTORTION. INSTALLED FIXTURE TO BE LEVELED TO GYPSUM BOARD CEILING.
3. E.C. TO SECURE FIXTURE PER NEC CODE, VIA THREADED RODS, WIRE TIES OR OTHER MEANS (HARDWARE SUPPLIED BY E.C.).
4. TURN POWER OFF AT ELECTRICAL PANEL. REMOVE ACCESS PLATE ON TOP OF HOUSING FOR INDIVIDUAL FIXTURE, OR BOR-BEGINNING OF ROW FOR CONTINUOUS ROWS FIXTURE. KNOCK OUT K.O. AS REQUIRED, MAKE ELECTRICAL CONNECTIONS (SEE ACCESS PLATE DETAIL).
5. RE-INSTALL ACCESS PLATE TO HOUSING.
6. FOR CONTINUOUS ROWS INSTALL BOR-BEGINNING OF ROW MOR-MIDDLE OF ROW AND EOR-END OF ROW FIXTURE SECTION PER PLAN.
7. FOR SINGLE CIRCUIT CONNECT THRU WIRING HARNESS FOR ALL FIXTURES. INSTALL ANY ADDITIONAL FEEDS AND DEAD-END CIRCUITS AS REQUIRED.
8. INSTALL AND SECURE GYPSUM BOARD CEILING.
9. TURN ON POWER.

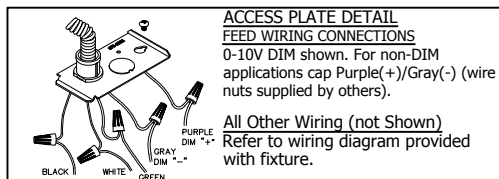


Contractor's responsibility to hold these dimensions before & after installation.

See wiring schematic provided with fixture for wire colors and their specific functions as different fixture options may use wires for different purposes. **DO NOT CONNECT CONTROL WIRES TO LINE VOLTAGE.**

Amerlux is not liable for damage due to miswiring.

Contact factory with any questions.

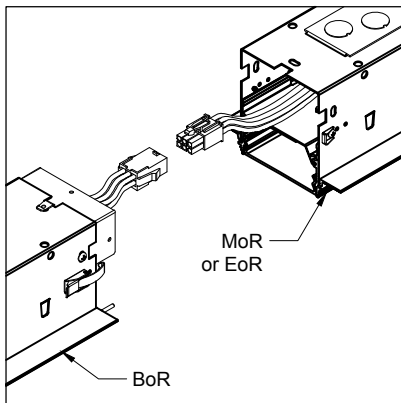


This product complies with IEEE C62.41 for surge endurance up to 3kV. Amerlux recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.

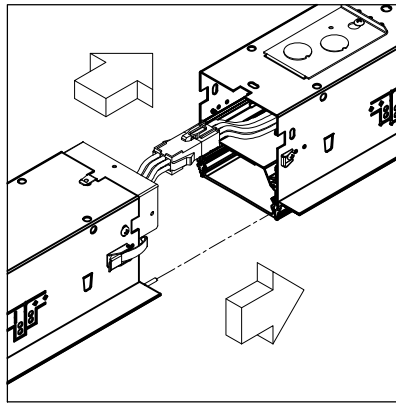
To prevent possible LED damage always wear properly connected ESD (electrostatic discharge) wrist strap while servicing LED components.



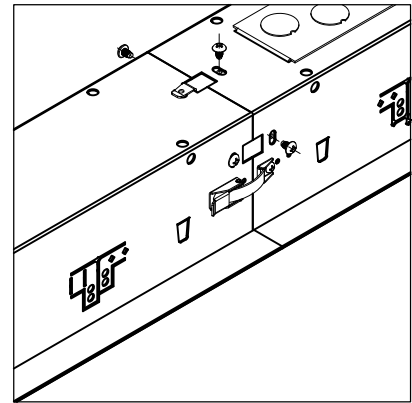
Assembling Continuous Rows- (All fixtures must be fully supported by rod or wire ties.)



A: Connect fixture to previous fixtures power via quick connect.



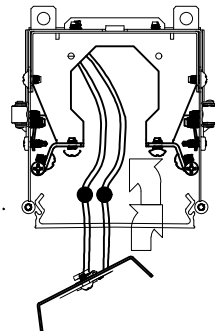
B: Line up the fixtures using alignment pins. When fixtures are aligned, secure with Catch / Latch.



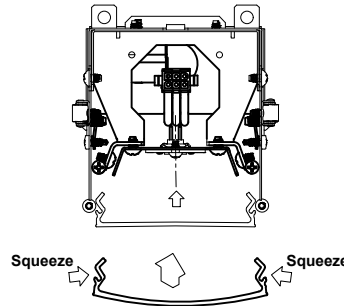
C: Once latched, secure fixture with #8-32 screws.

Maintenance -

Reflectors do not have to be removed except for driver replacement or other maintenance. Disconnect power before servicing. To assemble (disassembly in reverse order as applicable):



1. Connect LED wiring harness (Red/Black).
2. Insert reflector by tilting it into housing (caution: do not pinch wires.)



3. Secure reflector to upper area of extrusion via 8-32 screws.
4. Install lens. Starting at (1) end, squeeze lens legs IN to snap LENS in place, and continue pressing upwards across the length of the fixture until lens is secure.

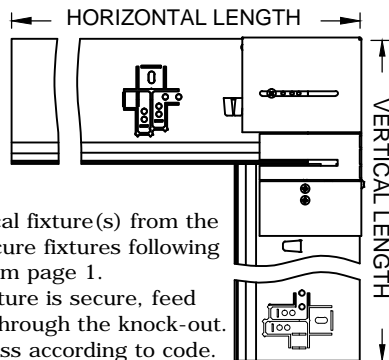
MAKE SURE TO DISCONNECT ALL ELECTRICAL CONNECTIONS BEFORE SERVICING.

WARNING: Electrostatic and polarity sensitive device. Use caution while handling and wiring.

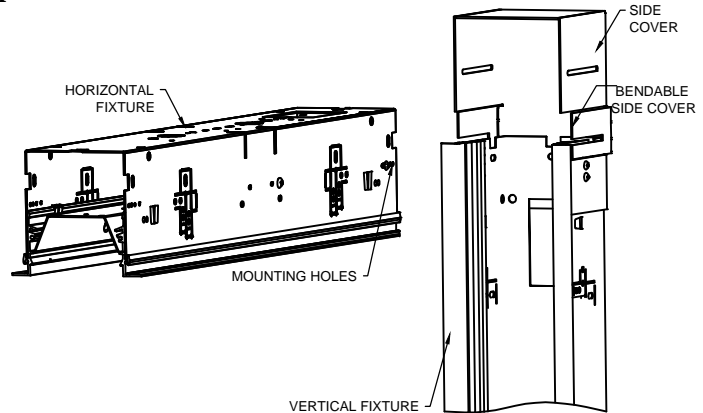
- 1.) LED Fixture:** Consult Amerlux for LED maintenance.
- 2.) LED Replacement:** For LED board replacement reference 689-0394 Instruction Sheet
- 3.) Driver maintenance:** Drivers are located on tray beneath indirect reflectors. Remove reflector mounting screws to access. For **programmable** driver replacement please specify: **Manufacturer, Model No. and Current Setting** (mA). See 710-0134 Wiring Schematic for more details.



Wall/Ceiling Corner Installation

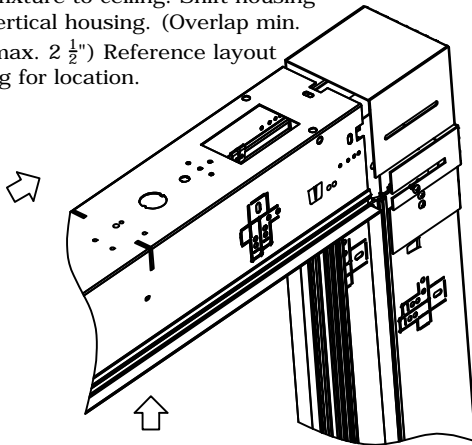


1. Install Vertical fixture(s) from the ground up. Secure fixtures following instructions from page 1.
2. Once the fixture is secure, feed power source through the knock-out. Splice to harness according to code.

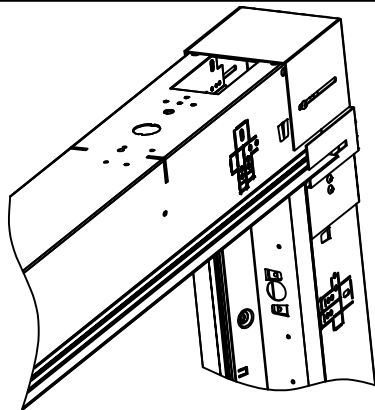
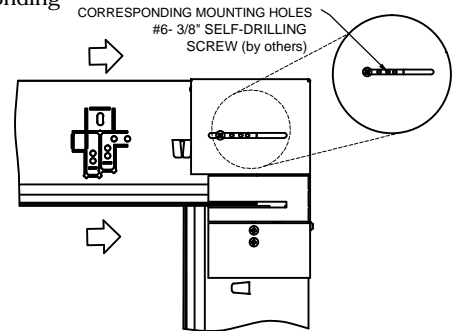


3. Install Horizontal fixture(s) closest to corner.

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



- B. Install 2 side screws to the Top Bracket to one the corresponding mounting holes.

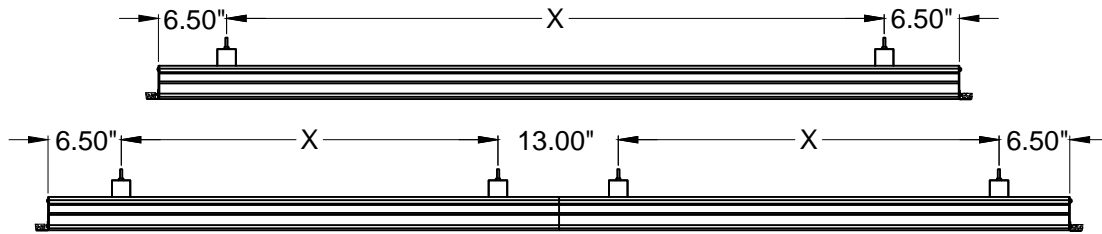


4. * Install wall (By Others)
5. Spackle in fixture.
6. Remove SHIPPING BRACE.
7. Snap-in LENS.

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



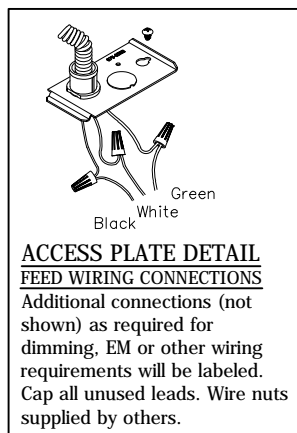
Suspension Points



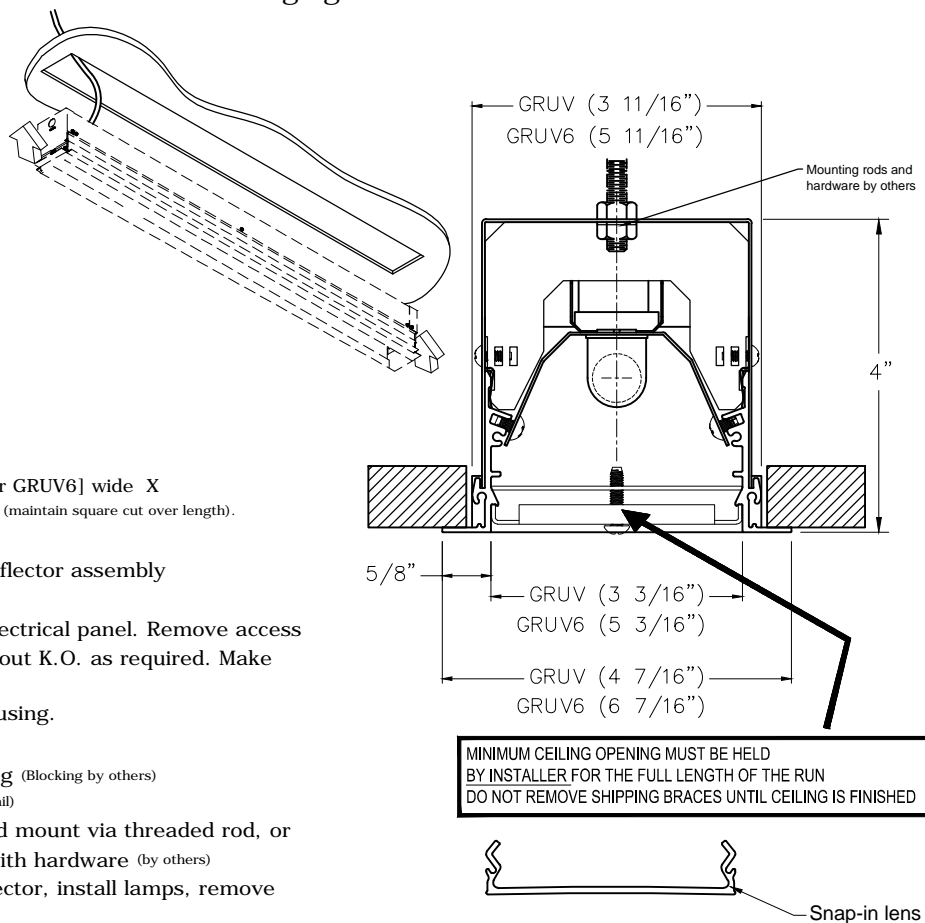
Example of a continuous row

1. Individual or BoR (Beginning of Row) Installation

Shown: hanging the fixture via threaded rods.



1. Cut opening in ceiling to be
[3 3/4" for GRUV, or 5 3/4" for GRUV6] wide X
[O.A.L. (as specified) minus 3/4"] (maintain square cut over length).
2. Remove lens.
3. Loosen screws to remove reflector assembly
(STORE SAFELY).
4. Make sure power is off at electrical panel. Remove access plate on top of housing. Knock out K.O. as required. Make electrical connections (see detail).
5. Reinstall access plate on housing.
6. Remove 5/16" K.O.'s
Install threaded rods or blocking (Blocking by others)
Note height dimensions. (See Detail)
7. Guide fixture into ceiling and mount via threaded rod, or directly into blocking. Secure with hardware (by others)
8. If INDIVIDUAL, reinstall reflector, install lamps, remove shipping brace and install lens.





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INSTALLATION INSTRUCTIONS
SHEET #: 689-0498

SHEET 6 of 10

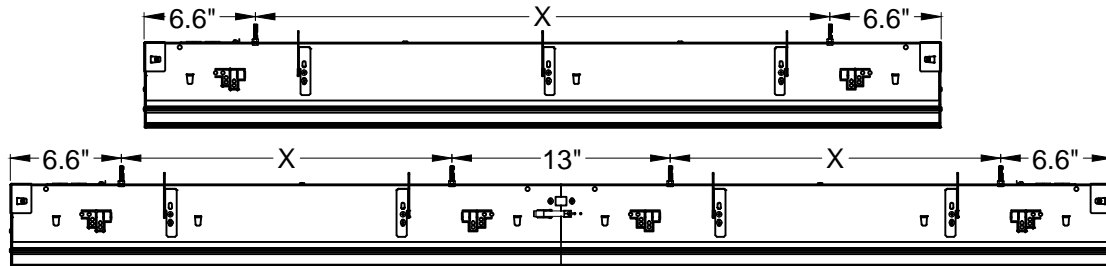
SPEC. SHEET
REFERENCE:
GRUV4-HE-FLANGE
GRUV6-HE-FLANGE

GRUV4-HE-FLANGE; GRUV6-HE-FLANGE, FLUORESCENT, LUXOTTICA

Gyp Board Ceiling

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.

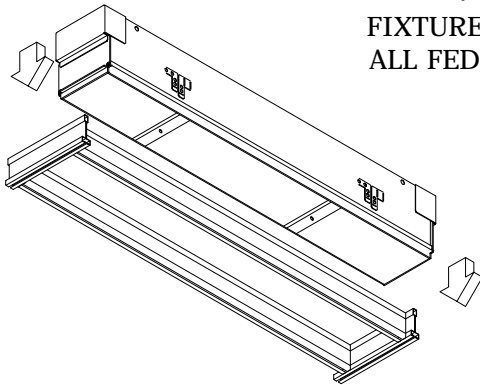
Suspension Points



Example of a continuous row

Individual Installation - (Individual fixture shipped as shown.)

FIXTURES TO BE INSTALLED PER NEC "MEANS OF SUPPORT" AND ALL FEDERAL, NATIONAL AND LOCAL BUILDING CODES.



1. CEILING GRID TO BE INSTALLED (BY OTHERS)
- 2.) INSTALLING CONTRACTOR TO VERIFY CEILING GRID HEIGHT AND BEND-OUT APPROPRIATE FIXTURE TAB (TYPICAL 4 PLACES).
- 3.) MAKE SURE SHIPPED BRACE IS SECURE DURING INSTALLATION, 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 FLANGE RESTS ON CEILING GRID AND BEND-OUT TABS ARE THEN PRESSED SECURELY AGAINST CEILING GRID (SEE BEND #1), THEN BEND-OVER AGAINST BOTTOM OF GRID BULB (SEE BEND #2) NOTE: 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. REMOVE ACCESS PLATE ON TOP OF HOUSING. KNOCK OUT K.O. AS REQUIRED, MAKE ELECTRICAL CONNECTIONS (SEE ACCESS PLATE DETAIL PAGE 2)
- 6.) RE-INSTALL ACCESS PLATE TO HOUSING.
- 7.) INSTALL CORRECT LAMPS.
- 8.) REMOVE SHIPPING BRACE AND INSTALL LENS.

5/16" KO'S provided
for rod suspensions
rods not by Amerlux

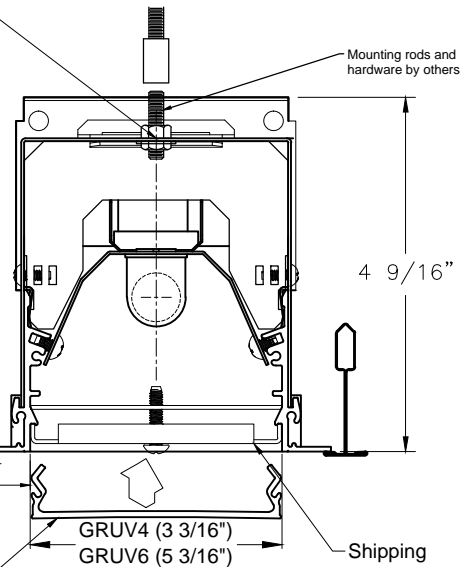
Mounting rods and
hardware by others

E.C. TO CONFIRM
MEASURE HEIGHT

3/16"
5/8"
9/16" Slot Grid
shown for ref.

SNAP-IN LENS

FIXTURE FLANGE



Shipping
Brace
Loosen screw
to remove

Contractors Responsibility
to keep this dimension
before & after installation.



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INSTALLATION INSTRUCTIONS
SHEET #: 689-0498

SPEC. SHEET
REFERENCE:
GRUV4-HE-FLANGE

GRUV6-HE-FLANGE

GRUV4-HE-FLANGE; GRUV6-HE-FLANGE, T5

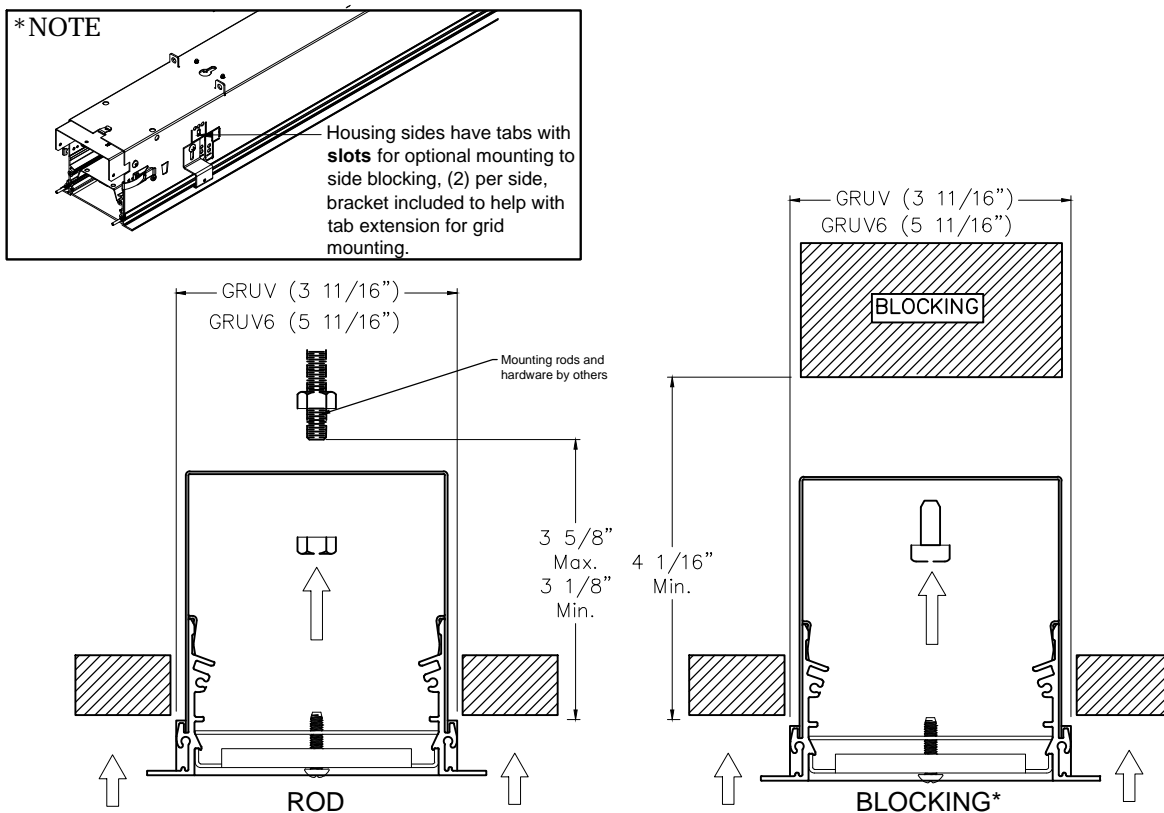
SHEET 7 of 10

(SHEETS 1-4) LED
(SHEETS 5-10) T5

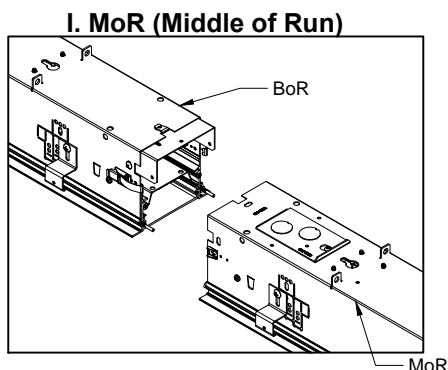
Gyp Board Ceiling

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.

Support Methods - (Threaded Rod/Blocking)



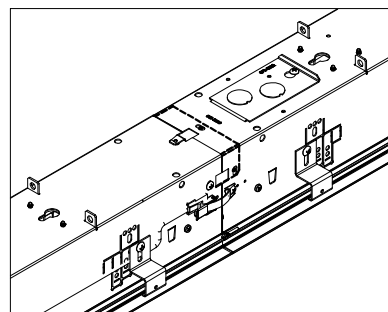
2. Assembling Continuous Rows- (Socket/reflector assemblies must be removed. All fixtures must be fully supported by rod or blocking.)



Join the housings
Align the two housings via (4) alignment pins. Press fit together. Secure MoR housing in position via rod or blocking. Secure joint with 8-32 x 1/2" SEMS screws and lock nuts as shown.

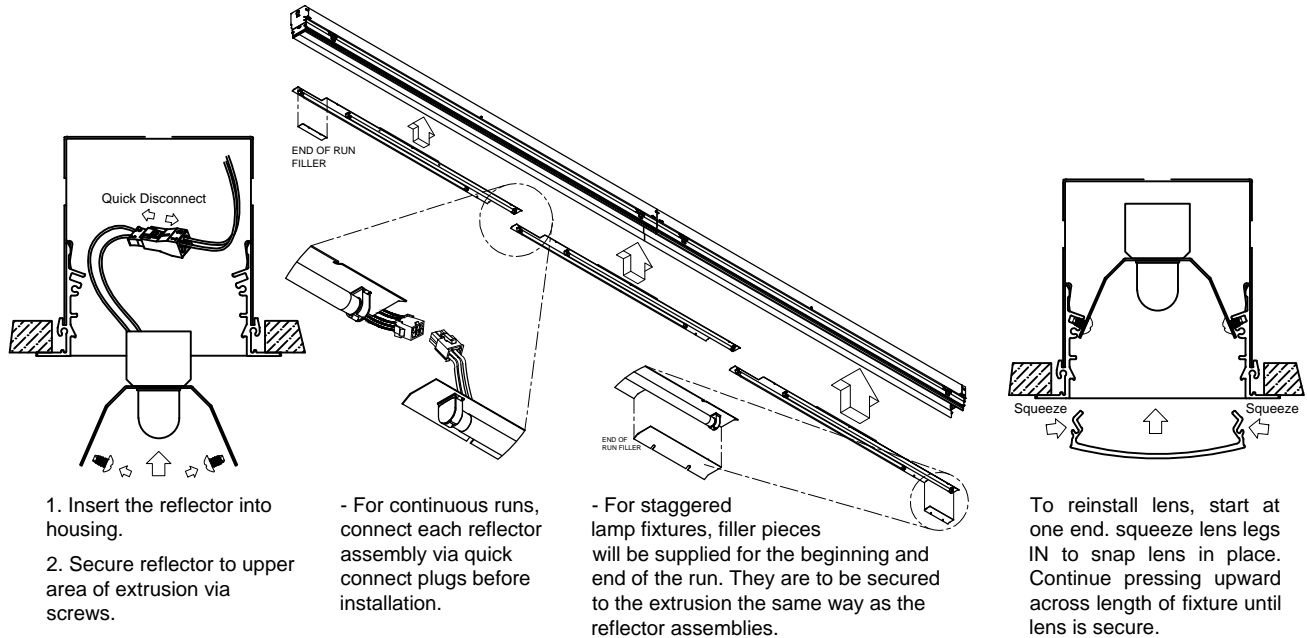
8-32 x 1/2" SEMS screws and lock nuts for joining fixtures (2 ea.)

Alignment pins





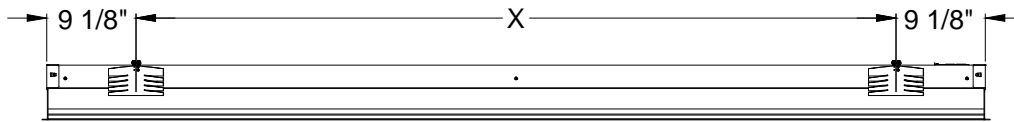
III. Install reflector assemblies



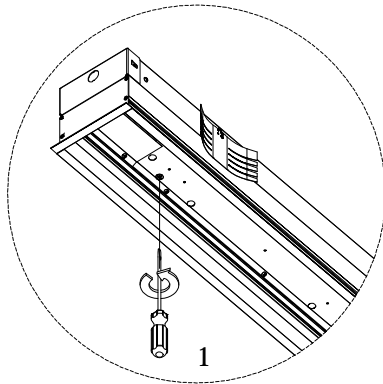
1. **Install correct lamps.** See relamping label on reflector for the correct wattage.
2. **Ballast maintenance.** Ballasts are located on opposite side of reflector. Remove the screws mounting the reflector to access.



Suspension Points



Individual Installation - (Individual fixture shipped as shown.)



1. Turn height adjustment screw clockwise until spring hanger assembly is at its highest point.
2. Cut Opening in ceiling to be (4" for GRUV, or 6" for GRUV6) wide X O.A.L. (as specified) minus 3/4" (maintain square cut over length)
3. Insert blocking above gypsum board to act as fixture mounting point. Attach blocking to above structure, making sure blocking will not move vertically during fixture installation. Screw gypsum board to blocking using drywall screw, spackle and sand.
4. Remove Access Plate on top of housing. Remove K.O.s as required, Make electrical connections. Re-install access plate into housing.
5. Guide fixture into ceiling hole. Push fixture vertically until fixture flange is against ceiling. Springs will open as fixture is raised and "teeth" of spring clear blocking.
6. Turn height adjusting screws counter-clockwise until fixture flange is against ceiling.
7. remove shipping braces, install lamps (by others, wattages as stated on relamping label), install lens.

MAINTENANCE

- | | |
|---------------------------|---|
| 1. Install correct lamps. | See relamping label on reflector for the correct wattage. |
| 2. Ballast maintenance. | Ballasts are located on opposite side of reflector. Remove the screws mounting the reflector to access. |

