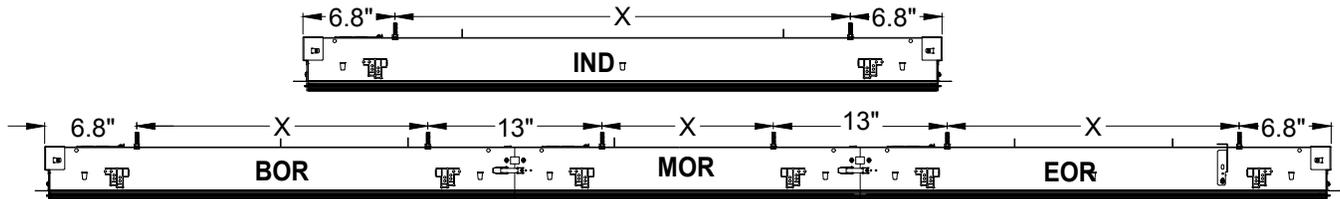


**GRUV4-HE-GB, GRUV6-HE-GB LED
GYPSUM BOARD CEILING**

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.

FOR RUNS WIRED FOR EM - UNIT HAS MORE THAN ONE POWER SUPPLY CONNECTION POINT. TO REDUCE THE RISK OF ELECTRIC SHOCK, DISCONNECT BOTH THE BRANCH CIRCUIT-BREAKERS OR FUSES AND EMERGENCY/BACKUP POWER SUPPLIES BEFORE SERVICING
RETAIN THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE.

Suspension Points



Example of a continuous row

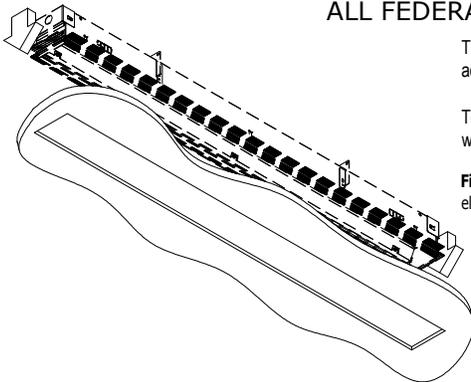
1. Individual Installation - (Individual fixture shipped complete w/Optics Installed.)

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

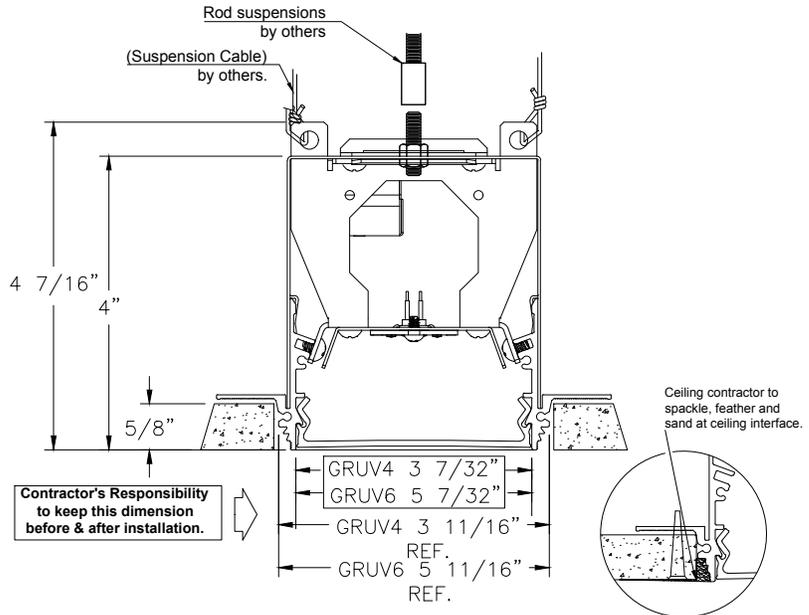
This product complies with IEEE C62.41 for surge endurance up to 3KV. Amerlux recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.

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

Fixtures sharing regular and EM power in single feed: Junction box must be partitioned per local and national electric codes.



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, SUSPENSION CABLES 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. SPACKLE, FEATHER AND SAND EDGES AS REQUIRED. PROTECT OPTIC AS REQUIRED DURING APPLICATION OF SPACKLE AND FINISHING.
9. TURN ON POWER.

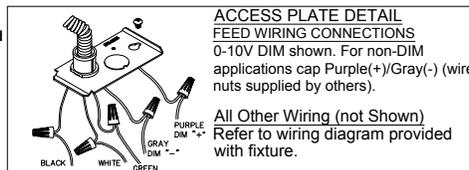


Contractor's Responsibility to keep this dimension before & after installation.

See wiring schematic provided with fixture for wire colors and their specific functions as different fixture options may use wires for different purposes.

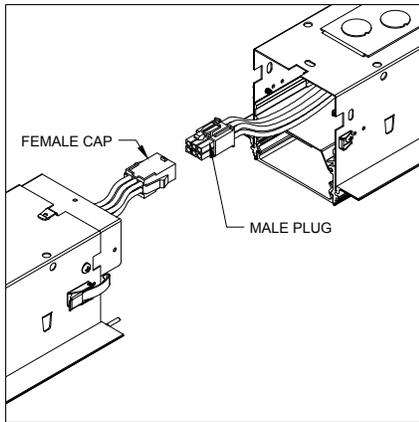
DO NOT CONNECT CONTROL WIRES TO LINE VOLTAGE.
Amerlux is not liable for damage due to miswiring.

Contact factory with any questions.

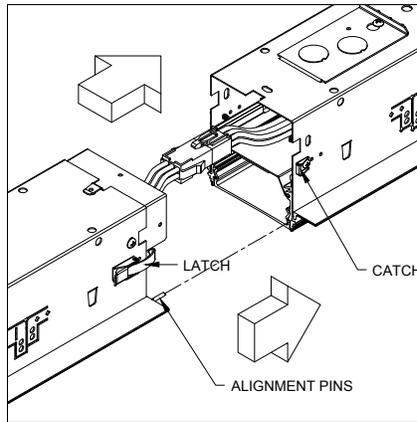


2. Continuous Rows Installation -

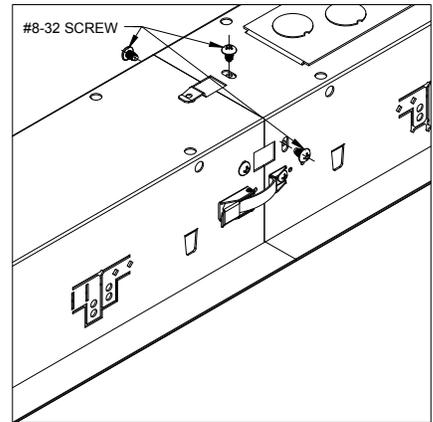
(With continuous rows.)



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



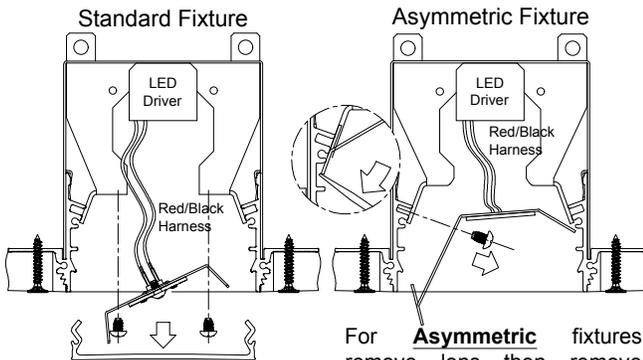
B: Line up the fixtures using alignment pins. When fixtures are aligned, secure with Catch / Latch.



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

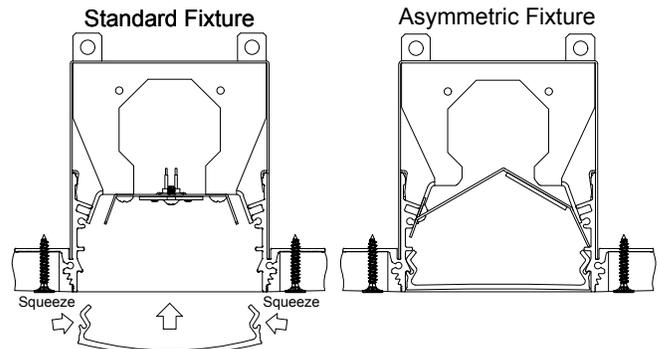
3. Maintenance -

Reflectors are not to be removed unless for driver replacement or other maintenance. Disconnect power at electrical panel for any maintenance.



Remove lens then remove screws to remove reflector. To reinstall reflector refasten screws.

For **Asymmetric** fixtures remove lens then remove screws and tilt reflector down and remove. You may need to pry out one side with a flat head screwdriver. See Detail. To reinstall reflector tilt back in and refasten screws.



To install lens back, start at one end. squeeze lens legs IN to snap-in lens in place, and continue pressing upward across the length of the fixture, until lens is secure.

- Some reflectors might have end filler installed at one side. Two screws next to LED board allow to adjust filler position if required.

DISCONNECT ALL ELECTRICAL CONNECTIONS BEFORE MAINTENANCE.

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 689-0600 Instruction Sheet
- 3.) **Driver maintenance.** Drivers are located on Fixture Housing behind reflector.
Remove the reflector mounting screws to access.
Note Driver current (mA) value during driver maintenance
See 710-0134 Wiring Schematic for standard fixtures
See 710-1080 Wiring Schematic for 2-Color tunable white fixtures