



AMERLUX®
LIGHTING SOLUTIONS

ADAPT. ABILITY.™

INSTALLATION INSTRUCTIONS

SHEET #: 689-0353

Sheet 1 of 5

SPEC. SHEET
REFERENCE:
MESA

MESA

Gyp Board Ceiling

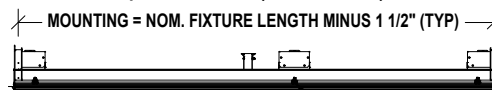
WARNING - RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY. FIXTURE IS INTENDED FOR INSTALLATION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LOCAL AND FEDERAL SPECIFICATIONS. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

RETAIN THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE.

Suspension Points

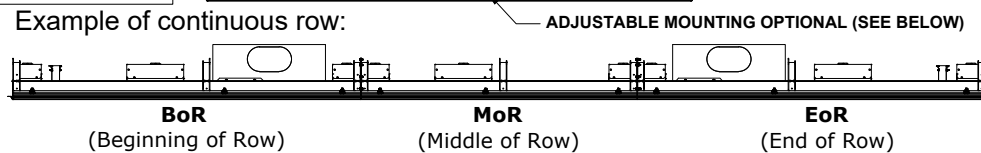
See submittal layout for
IND & row component
fixture lengths.

Example of IND (individual) fixture:



TOP MOUNT (FIXED) = 5" O.C.
3/4" IN FROM ENDS OF FIXTURES
(SEE BELOW)

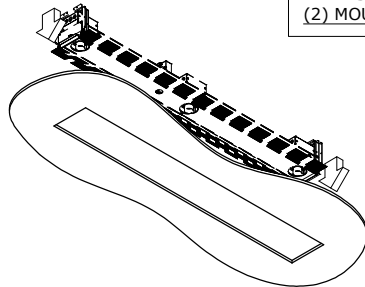
Example of continuous row:



Individual Installation - Fixture MUST be mounted before ceiling is installed.

Hanging the Fixture Via Threaded Rods

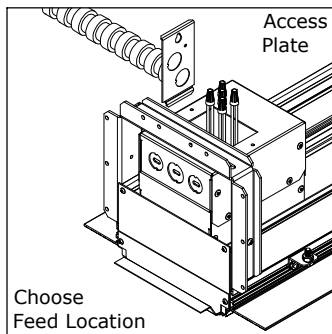
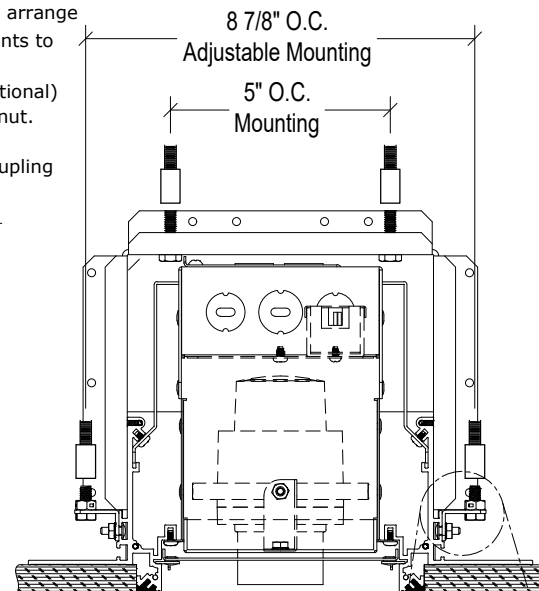
(2) MOUNTING OPTIONS: top mount (fixed), side mount (longitudinally adjustable).



1. If using adjustable option, arrange adjustable suspension points to desired location.
2. Insert 1/4"-20 (M6x1 International) bolts and secure with nut. (supplied by others)
3. Secure to structure via coupling (supplied by others)

1. Hang the Fixture via threaded rods.
2. Once the fixture is secure, feed power source (See Below.)
3. Install Ceiling (By Others)
4. Spackle in fixture (By Others)

SUPPORT METHOD
(SUPPLIED BY OTHERS)



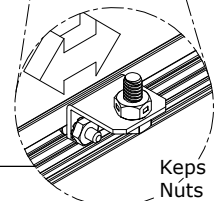
Feeding Power

- 1: Remove Access Plate and choose Feed Location
- 2: Remove Wire Nuts (If Applicable)
- 3: Splice in Feed to Fixture (according to code)
- 4: Reattach Access Plate

Wires: Black - C1 Hot
White - C1 Neutral
Green: Ground
(2-Circuit Option)
Red - C2 Hot
White/Red - C2 Neutral
(0-10v Dim Option - single circuit)
Red - Dim+ (Purple)
White/Red - Dim- (Gray)

Adjusting Suspension Points (Optional)

- 1: Loosen Keps Nuts (Do NOT remove)
- 2: Slide Mount to desired Location
- 3: Tighten Keps Nuts



(Power can be fed into ANY light module in run)

Rev 1/11/23

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www.amerlux.com



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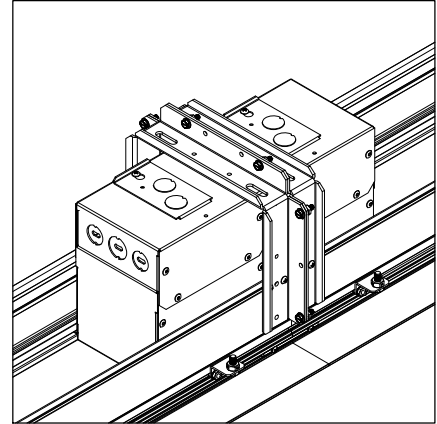
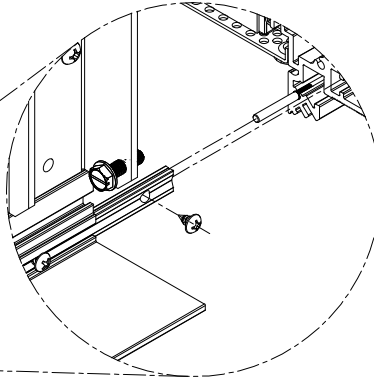
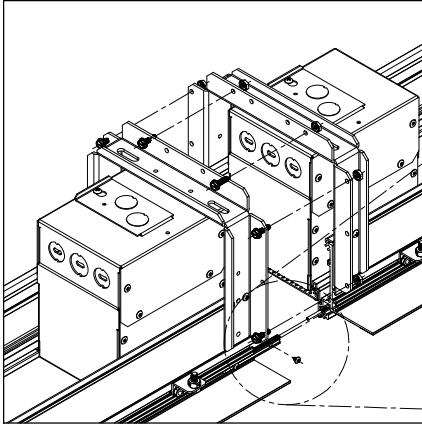
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INSTALLATION INSTRUCTIONS

SHEET #: 689-0353

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2. Assembling Continuous Rows-

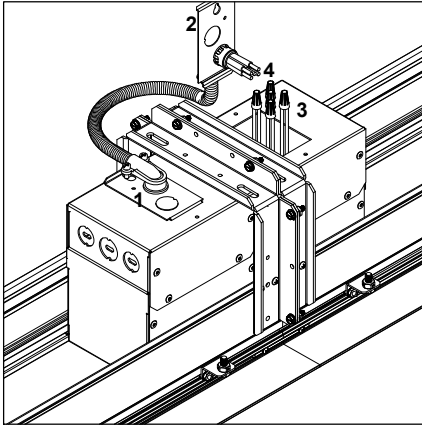


1: Slide housings together. Slide alignment splines and Pins into cavities in extrusion. Slots on braces should align.

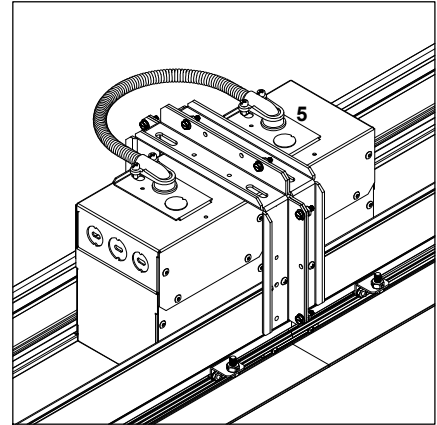
2: Secure fixtures together with 10-24 Hex Head Screws & 10-24 Keps Nuts (By Amerlux)

3: Tighten Screws on Alignment Spline

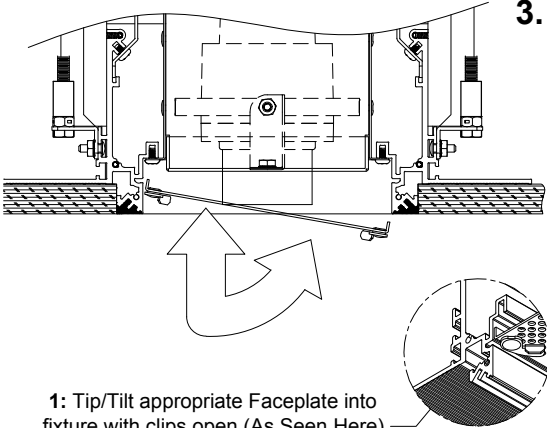
2. Feeding Continuous Rows-



- 1: Splice 12" BX (Supplied by Amerlux) into beginning fixture via K.O. on access plate
- 2: Remove access plate from mating fixture.
- 3: Remove wire nute from mating fixture.
- 4: Splice in BX to mating fixture according to code.
- 5: Secure access plate to mating fixture.

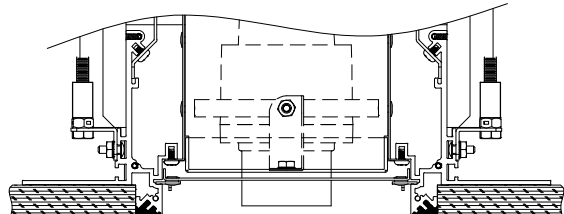
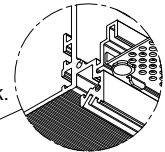


3. Installing Faceplates (Perforated or Solid)



1: Tip/Tilt appropriate Faceplate into fixture with clips open (As Seen Here)

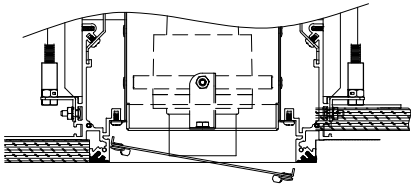
2: Swivel tabs into slot in extrusion to lock.
(As Seen Here)



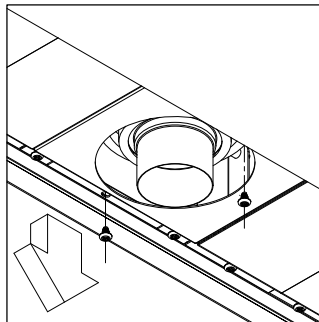
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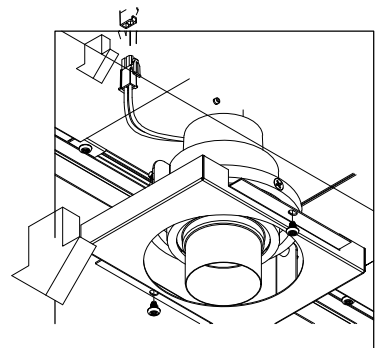
PSLM Driver Maintenance-



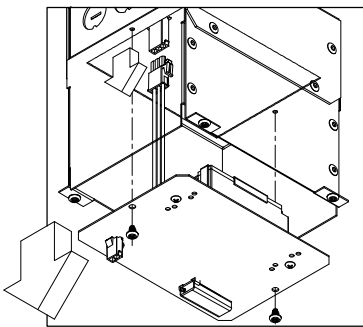
1: Remove Perforated or Solid Faceplate by disengaging clips (see previous page).



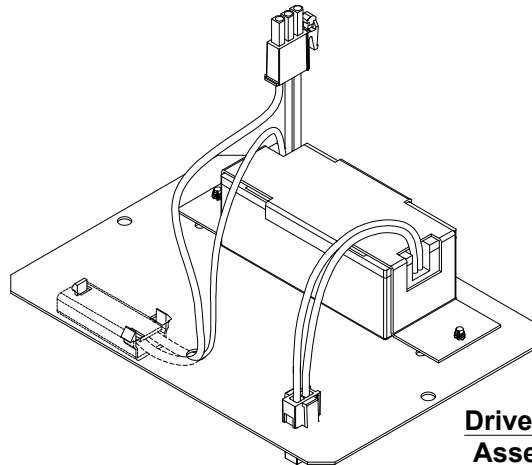
2: Remove (2) screws holding module faceplate/Gimbal Assembly.



3: Remove module faceplate/Gimbal Assembly.
4: Disconnect from power via quick-disconnect.



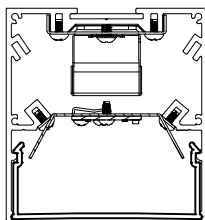
5: Remove (2) screws holding driver plate assembly.
6: Disconnect from power via quick-disconnect.



Driver Tray Assembly

***To reassemble follow these steps in reverse.**

LALM Driver Maintenance-



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

1.) LED Fixture:

Consult Amerlux for LED maintenance.

2.) LED Replacement:

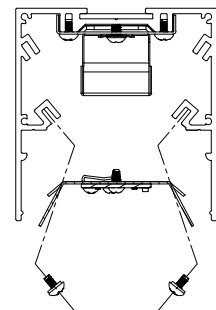
For LED board replacement reference 689-0600 Instruction Sheet.

3.) Driver maintenance:

Drivers are located on tray beneath direct reflectors, (1) driver per tray, secured by (2) 8-32 screws. Remove the reflector mounting screws to access. For **programmable** driver replacement please specify:

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

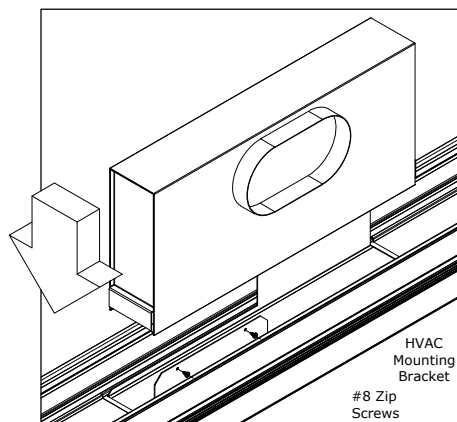
See 710-0134 Wiring Schematic for more details.



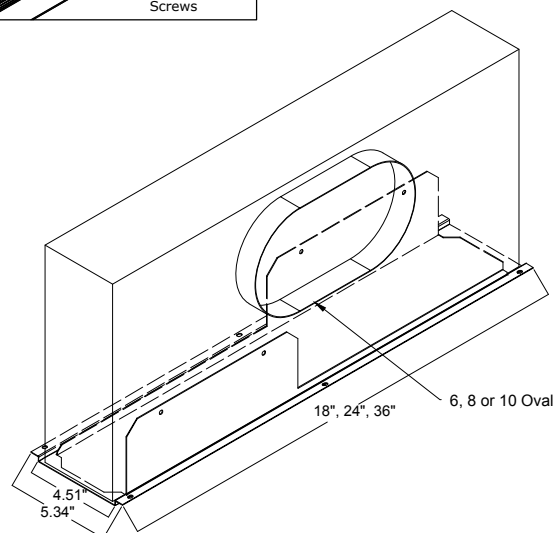
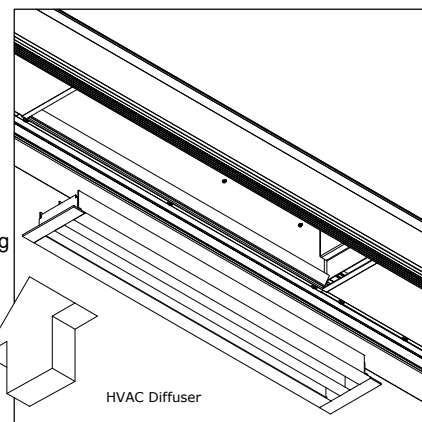
MAKE SURE TO DISCONNECT ALL ELECTRICAL CONNECTIONS BEFORE MAINTENANCE.



Installing HVAC Components- (Fixture must be installed)



- 1: Lower Titus Boot (supplied by others) into HVAC Mounting Bracket.
- 2: Secure Boot to Bracket with (4) #8 Self-Drilling (Zip) screws (by others).
- 3: From underneath, lift Titus Diffuser (supplied by others) up to HVAC Mounting Bracket.
- 4: Secure Diffuser via Titus Mounting Hardware (supplied by others.)



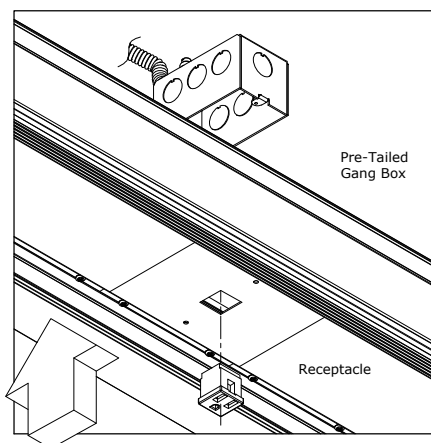
Module Type: HVAC (18", 24", 36")

HVAC Module: Mounting bracket & faceplate by Amerlux.
Actual Diffuser & Plenum Box: by others.

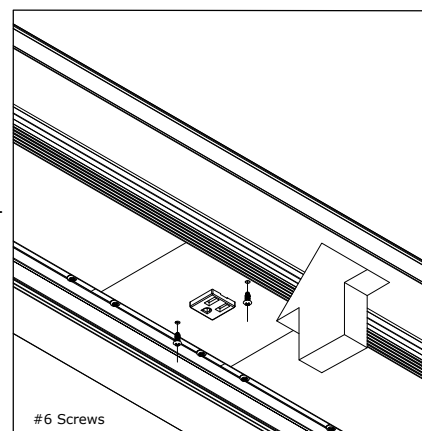
HVAC module compatible with the following Titus part numbers:

- PLENUM BOX: MPI38-LENGTH-2HP-06-2B-BLACK-0-XX-0
- PLENUM BOX: MPI38-LENGTH-2HP-08-2B-BLACK-0-XX-0
- PLENUM BOX: MPI38-LENGTH-2HP-10-2B-BLACK-0-XX-0
- DIFFUSER: ML38-LENGTH-2-XX-2B-BLACK-0-0-0

Installing Duplex Components-

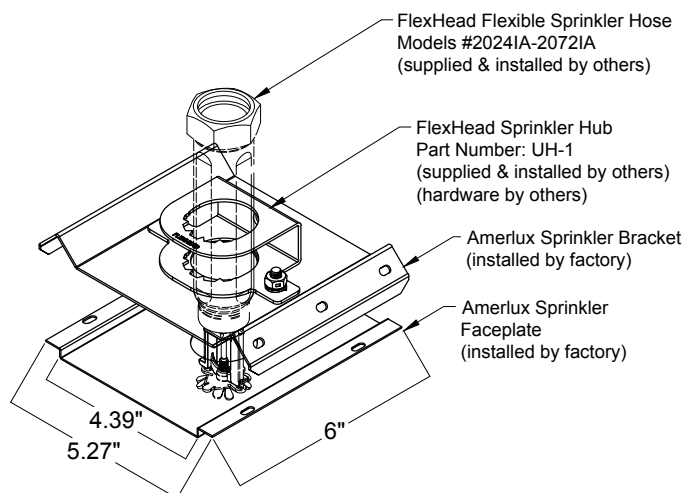


- 1: Insert receptacle (supplied by Others: McMaster Carr # 7168K1) into duplex faceplate.
- 2: Pre-tail a Single Gang Box (By others).
- 3: Wire gang box into receptacle according to code.
- 4: Secure Gang Box to faceplate via #6 screws (by others)

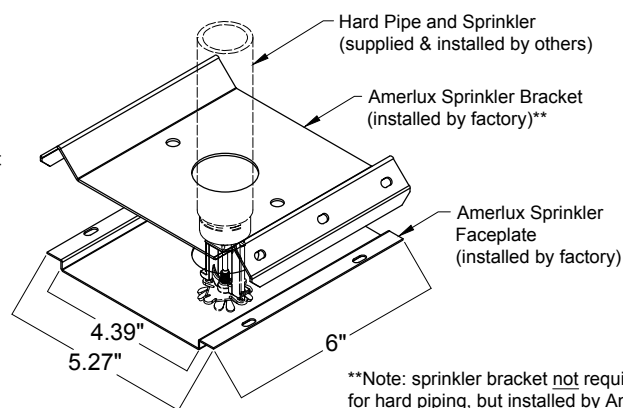




Installing Sprinkler Components-



Type: SPR
RECESSED FLEXIBLE
PIPING DETAIL



Type: SPR
RECESSED HARD
PIPING DETAIL

****Note:** sprinkler bracket not required for hard piping, but installed by Amerlux at all recessed trough sprinkler locations. Bracket can be left in place for hard piping.

Flexible Piping Sprinkler Method (recessed fixtures ONLY)

1. Amerlux sprinkler bracket can be used with FlexHead components. FlexHead Sprinkler Hub UH-1 (supplied by others) and FlexHead flexible hoses Models#2024IA-2072IA (supplied by others). Amerlux's Mesa Trough sprinkler bracket is FM Approved under FlexHead's FM Approvals Project ID #3003667 when used with these components.
2. It is the architects/contractors responsibility to make sure that the sprinkler is installed (by others) in accordance with national, local building & all fire codes. UL and/or FM Approval is not the responsibility of Amerlux, LLC.
3. Warning: Sprinkler must be installed by qualified and/or licensed technicians in the Fire Protection field ONLY. Consult NFPA, FM, UL, state and local code guidelines prior to installation.

Hard Piping Sprinkler Method:

1. Amerlux Mesa Trough product line is designed to provide clearance and/or openings for Rigid Pipe Sprinkler installation. Rigid Pipe Sprinkler system to be installed and secured independently from Mesa Trough product.
2. It is the architects/contractors responsibility to make sure that the sprinkler is installed (by others) in accordance with national, local building & all fire codes. UL and/or FM Approval is not the responsibility of Amerlux, LLC.
3. Warning: Sprinkler must be installed by qualified and/or licensed technicians in the Fire Protection field ONLY. Consult NFPA, FM, UL, state and local code guidelines prior to installation.