



**AMERLUX®**  
LIGHTING SOLUTIONS

ADAPT. ABILITY.™

INSTALLATION INSTRUCTIONS

SHEET #: 689-0443

Sheet 1 of 4

SPEC. SHEET  
REFERENCE:  
MESA GRID/SF

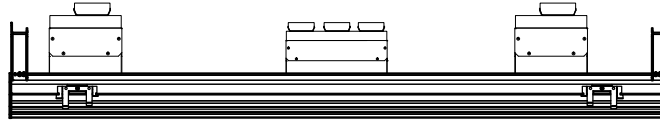
## MESA GRID or SMOOTH FACE (SF) FOR METAL CLAD CEILING\*

\*Note: FIATO 27 or 38W driver accessible only from top of fixture - see sheet 3.

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.

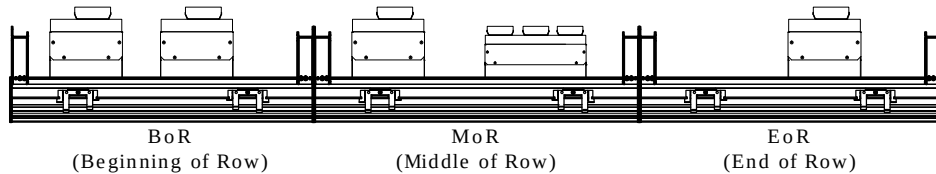
## Suspension Points

Example of **IND** (Individual) fixture:

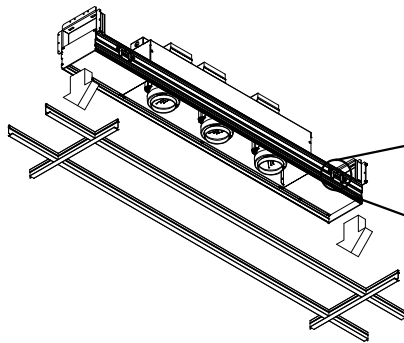


See submittal layout for  
**IND & row component  
fixture lengths.**

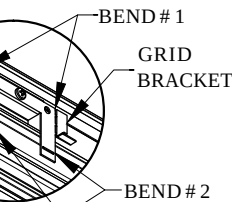
Example of continuous row:



## Individual Installation - (Individual Fixture shipped as shown)



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

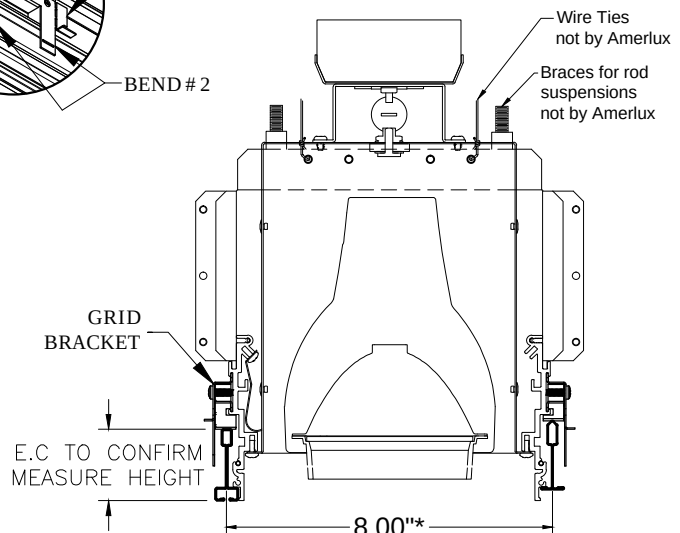


### GRID:

1. CEILING GRID TO BE INSTALLED (BY OTHERS)
2. INSTALLING CONTRACTOR TO VERIFY CEILING GRID HEIGHT AND BEND-IN APPROPRIATE TAB ON GRID BRACKET BASED ON CEILING GRID (TYPICAL 4 PLACES PER FIXTURE).
3. INSTALL FIXTURE INTO CEILING GRID, MAKING SURE GRID BRACKET\* RESTS ON CEILING GRID AND BEND-IN 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.

### GRID AND SMOOTH FACE (SF):

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.



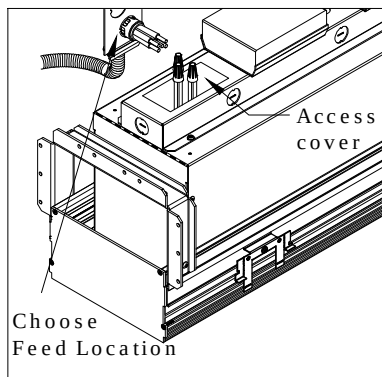
Contractors Responsibility  
to keep this dimension  
before & after installation.

\*6.00" for GRID6 fixture  
with **Hornet** lighting module.  
See submittal.

\* = Fixture cannot be supported by grid and/or grid bracket. Fixture weight exceeds what is allowed by federal, national, and local building codes for sole support by grid.



## Feeding Power



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

1. Choose feed location and remove wiring access cover.
2. Remove wire nuts (if applicable).
3. Splice in feed to fixture (according to code).
4. Reattach access cover.

## Wiring:

**Fiato (27 or 38W)** with 8" grid:

Black - Hot  
White - Neutral  
Green: Ground\*

\*0-10V LED dimming adds:  
Purple (+)  
Gray (-)

## Wiring:

**Hornet (18W)** with 6" or 8" grid & 0-10V dimming:

Black - Hot  
White - Neutral  
Green: Ground  
Purple (+)  
Gray (-)

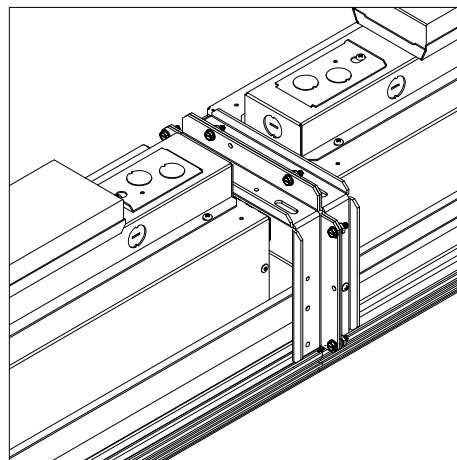
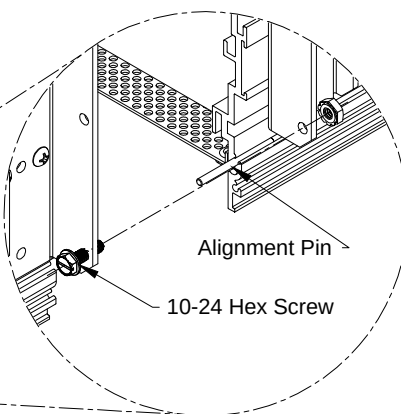
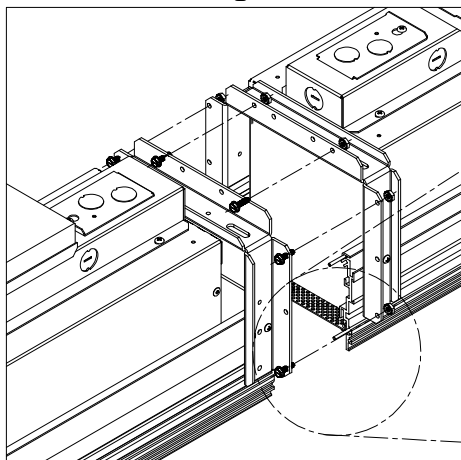
## Wiring:

**Hornet (18W)** with 6" or 8" grid, non-dimmed and ELV and Triac dimmable:\*

Black - C1 Hot  
White - C1 Neutral  
Red - C2 Hot  
White/Red - C2 Neutral  
Green: Ground

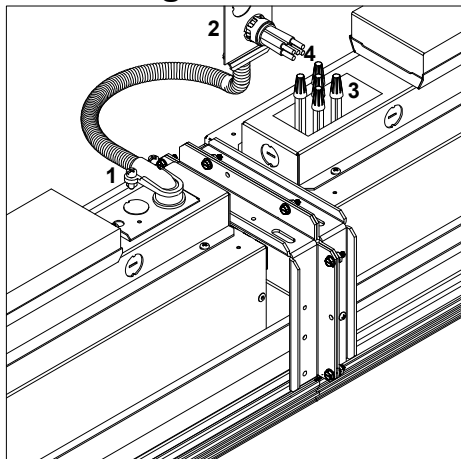
\*See **Mesa Circuiting** drawing in submittal for separate circuiting wiring details.

## 2. Assembling Continuous Rows-

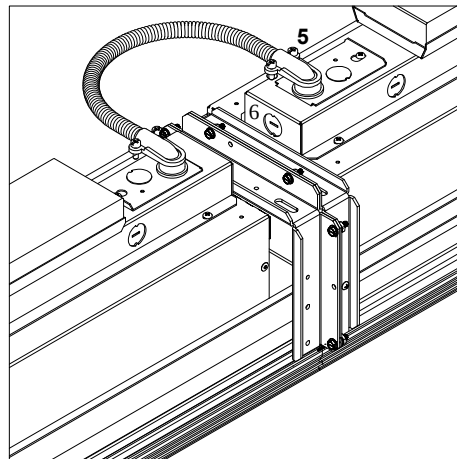


- 1: Slide housings together. Slide alignment pins into cavities in extrusion. Slots on braces should align.
- 2: Secure fixtures together with 10-24 hex head screws & 10-24 keps nuts (by Amerlux).

## 2. Feeding Continuous Rows-

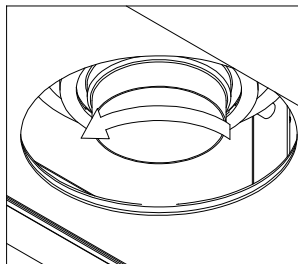


- 1: Splice BX (supplied by Amerlux) into beginning fixture via K.O. on access plate
- 2: Remove access cover/K.O. from mating fixture.
- 3: Remove wire nuts from mating fixture.
- 4: Splice in BX to mating fixture according to code.
- 5: Secure access cover to mating fixture.
- 6: (In cases where fixtures are butted up together splice together in field using K.O.s on side of housing.)

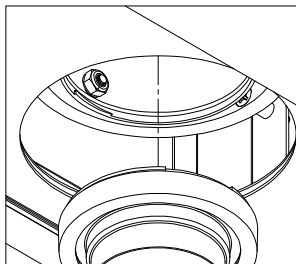




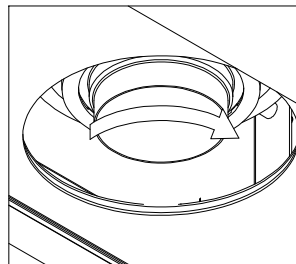
## Relamping Instructions- FIATO HEAD 27 OR 38W



1: Release front door assembly via  $\frac{1}{4}$  Turn CCW.



2: Remove front door assembly.  
3: Relamp.



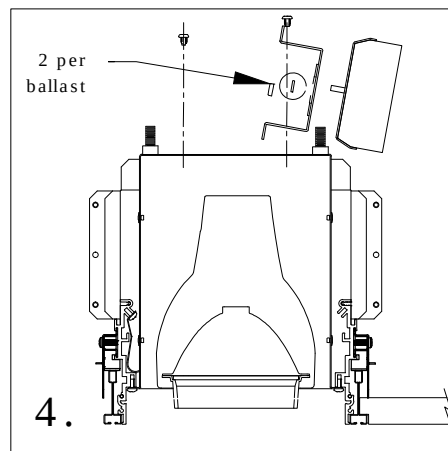
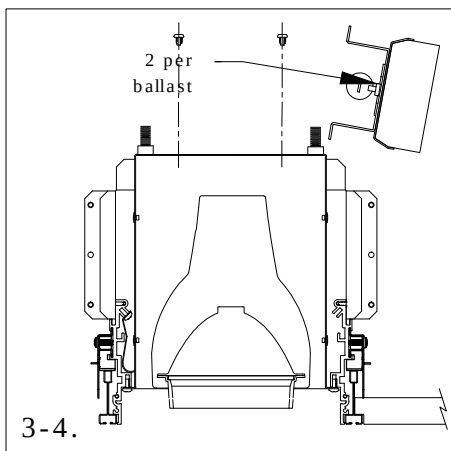
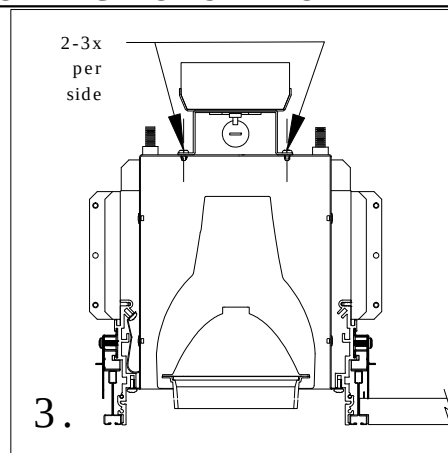
4: Replace and secure front door assembly via  $\frac{1}{4}$  Turn CW.

**Install correct lamps.**  
See relamping label on module for the correct wattage.

**MAKE SURE TO DISCONNECT ALL ELECTRICAL CONNECTIONS BEFORE RELAMPING.**

### Ballast Maintenance-

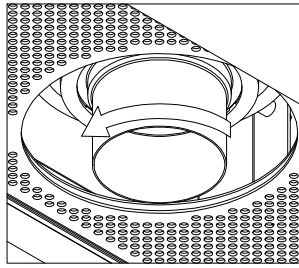
- 1: DISCONNECT POWER TO FIXTURE.
- 2: Remove Tile next to fixture.
- 3: Remove screws on fixture housing that attach wire tray.
- 4: Remove nuts securing Ballast to Wireway Housing.
- 5: Reverse Steps once new ballast is installed. (*Make sure to reconnect wires properly*)



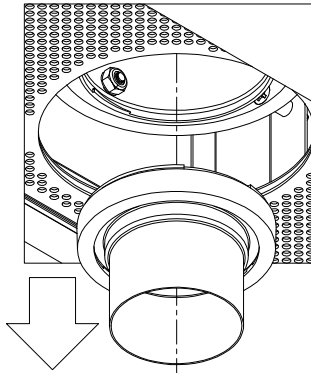
**\*To reassemble - follow these steps in reverse.**



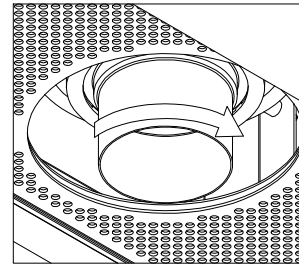
## Relamping Instructions- HORNET HEAD - 18W



1: Release front door assembly via  $\frac{1}{4}$  Turn CCW.



2: Remove front door assembly.  
3: Relamp.

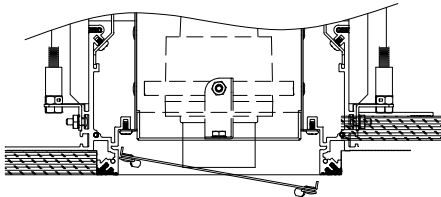


4: Replace and secure front door assembly via  $\frac{1}{4}$  Turn CW.

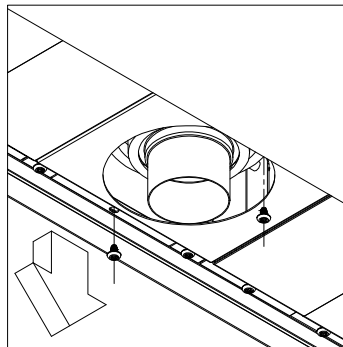
**Install correct lamps.**  
See relamping label on module for the correct wattage.

**MAKE SURE TO DISCONNECT ALL ELECTRICAL CONNECTIONS BEFORE RELAMPING.**

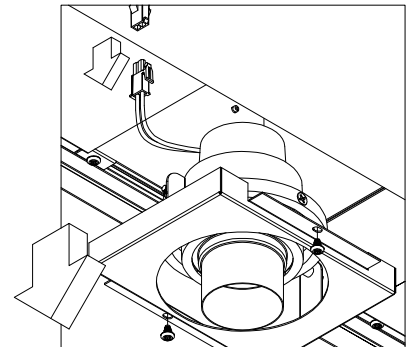
## Ballast Maintenance-



1: Remove Perforated Panel by disengaging clips (see previous page).

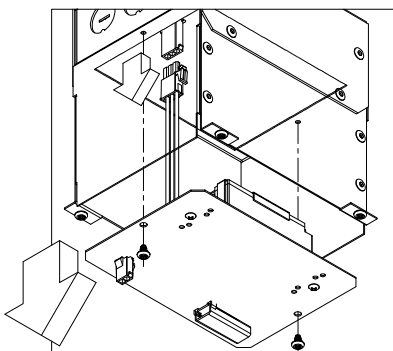


2: Remove (2) screws holding Faceplate/Gimbal Assembly.



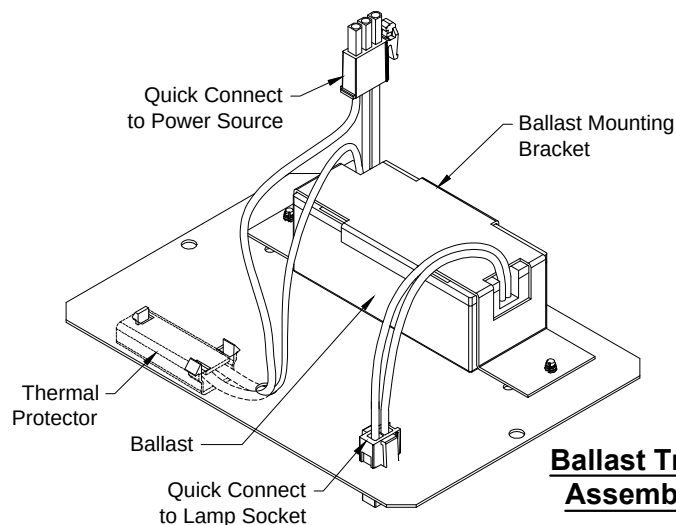
3: Remove Faceplate/Gimbal Assembly.

4: Disconnect from power via quick-disconnect.



5: Remove (2) screws holding ballast plate assembly.

6: Disconnect from power via quick-disconnect.



**Ballast Tray Assembly**

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