

# INSTALLATION INSTRUCTIONS

## (Series Models HLF-400MHA-A & HLF-400MHA-B)

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**WARNING:** DISCONNECT POWER DURING INSTALLATION AND BEFORE SERVICING.

### Safety Instruction

- Read instructions carefully before attempting to install fixture. Retain instruction for future reference.
- All wiring should be performed by a qualified electrician.
- Disconnect power before installing or servicing. This fixture must be wired in accordance with the National Electrical Code and applicable local codes and ordinances.
- Proper grounding is required to ensure personal safety.
- This fixture is for outdoor use and should not be used in areas with limited ventilation or high ambient temperatures.
- **Caution** – Risk of Fire

### Location

Fixture should be located at least 18" below any overhang or other structural detail.

Fixture should not be recessed.

Not for used in Dwellings.

### Installation

This flood light is supplied with trunnion mounting bracket for surface mounting, make sure fixture is securely mounted.

#### Trunnion:

The trunnion mounting bracket offers five different positions. There are three position holes in the outer yoke and five positioning holes in the inner yoke. To make a selection, remove the positioning screw, loosen trunnion bolts, rotate trunnion to desired angle. Reinsert positioning screw and tighten.

This flood light is also available with an adjustable Slip Fitter.

#### Slip Fitter

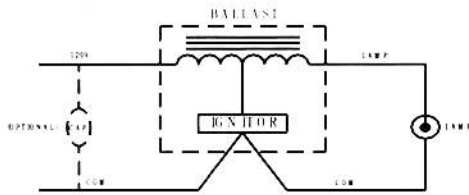
1. Assemble slip fitter and gasket to Housing using hardware provided
2. Assemble lower fitter onto the upper fitter after removing splice compartment cover.
3. Slip lower fitter over tenon and securely tighten two allen head set screws. The lower fitter is Designed To slip over 23/8" o.d. heavy wall pipe or tenon

## INSTALLATION INSTRUCTIONS (continued)

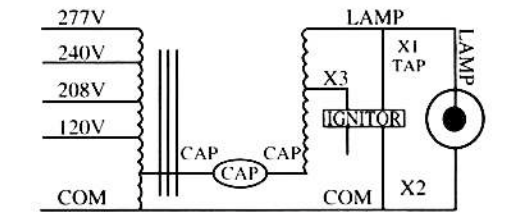
### Wiring:

Use supply wire rated for 90°

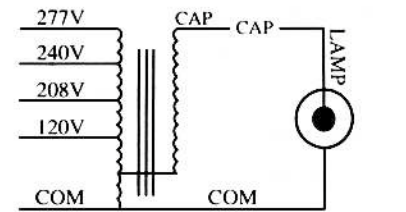
- CAUTION:** Check that voltage is compatible with fixture ballast. Use approved connectors for all electrical connections.
1. Connect the line fixture lead to the black supply lead.
  2. Connect the common fixture lead to the white supply lead.
  3. Connect the grounding fixture lead to the green supply lead.



WIRING FOR 120V



WIRING FOR HIGH PRESSURE SODIUM



WIRING FOR METAL HALIDE

Multi-Tap ( M-T ) units maybe used with a choice of 120V, 208V, 240V or 277V, provided that proper transformer leads are connected in the field. For example, if your supply voltage is 208V, connect the " HOT " supply wire to 208V ballast tap and the " COMMON " supply wire to the transformer " COMMON " wire, Make sure all of the unused leads are properly capped.

**Note:** All MULTI Tap Fixtures come pre-wired for 120V.

### Bulb Installation and Re-lamping

1. When re-lamping, turn power off and allow the fixture to cool.
2. Prior to installing the lamp in the fixture, check the lamp is of proper type and wattage. Screw the lamp securely into the socket, back the lamp out one to two turns, then secures the lamp back in, making sure it is secured. This properly seats the lamp in the socket.
3. Close the door frame and screw securely. Be sure that the gasket is firmly seated in the proper channel prior to closing fixture to maintain weather-tight seal.
4. **Caution** – To reduce the risk of UV exposure, Use only lamp Identified as having a UV Filter.

### Trouble Shooter – Check List

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| <p><b>If Light Does Not Work:</b>    Check Your Power Source.</p> <p style="padding-left: 40px;">Check To Insure Proper Seating Of Lamp.</p> | <p>Check Electrical Connections.</p> <p>Check If Lamp Burned Out.</p> |
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