

## AREAMASTER 1000W

Integrally ballasted floodlights for 1000W high pressure sodium lamps, 1000W, or 1500W metal halide lamps; or 1000W mercury vapor lamps. For general, marine, and Class 1, Div. 2 Groups A, B, C and D hazardous locations.

### MARINE AND HAZARDOUS LOCATIONS

Trunnion mount fixtures having suffix 1/2 in the catalog number are suitable for use in areas rated Class I, Division 2, Groups A, B, C and D, and outdoor Marine Locations.

- Wiring methods must comply with Class I, Division 2 requirements as stated in the National Electrical Code, or other applicable local codes and standards
- The proper nameplate located on the outside back of fixture, will carry the appropriate ratings based on the fixture catalog number.
- Where flexible cord is used it should be approved for extra hard wet location usage, and shall have a separate grounding conductor.
- Cord should have a diameter between 0.5 in. and 0.625 in. to fit the grommet properly; when tightened this will form a weather proof seal and strain relief as required (See Fig A)

**NOTE: DO NOT USE ON UNGROUND 480V CIRCUITS**

**CAUTION:** Depending on the specified catalog number, this fixture is designed for permanent installation in ordinary, hazardous or marine locations.

Do not use in areas of limited ventilation or in high ambient enclosures.

The lamp and fixture operate at high temperatures, contact with combustible material can cause fire and personal contact can cause severe burns.

### WARNING: Risk Of Electric Shock!

- (1) Due to high temperature inside of fixture, use provided sleeving over supply leads. (See FIGURE A)
- (2) For slipfitter mounting, make incoming supply wire connections inside of the fitter only. See instruction on back.

### LAMP INSTALLATION:

Open Areamaster by loosening captive screws and allow the cover to swing down. Install proper lamp. Retighten all screws securely to maintain water proof seal.

### MOUNTING:

(A) **TRUNNION** - Areamaster provided with trunnion will mount directly on flat surfaces. The trunnion has a center clearance hole for 1/2 inch bolt and two 1/2 inch clearance holes spaced 3-1/2 inches apart on trunnion center line.

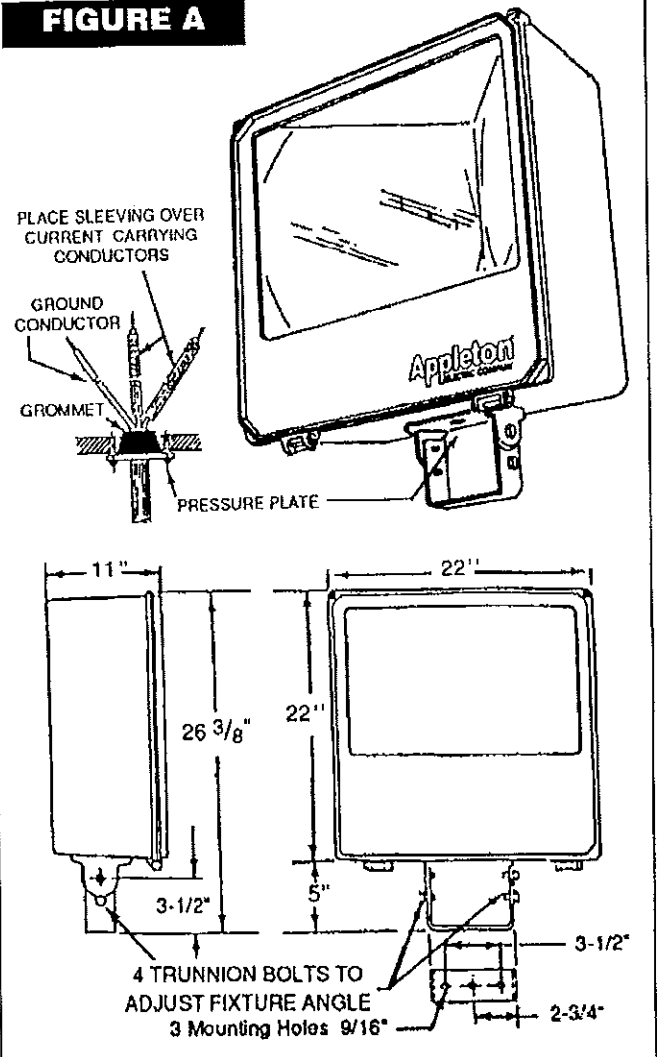
(B) **SLIPFITTER** - Areamaster provided with slipfitter is designed to fit pole tops 1.9 inch thru 3 inch O.D.

### AIMING:

Areamaster trunnions and slipfitters incorporate degree markers for easier aiming.

- **Trunnion equipped:** Slightly loosen (4) trunnion bolts (Figure A). Support and tilt floodlight to desired position with free hand. Retighten bolts.
- **Slipfitter equipped:** Loosen 5/8 inch bolt (Figure B) in slipfitter. Support and tilt floodlight to desired position with free hand. Retighten 5/8 inch bolt.

**FIGURE A**



### WIRING:

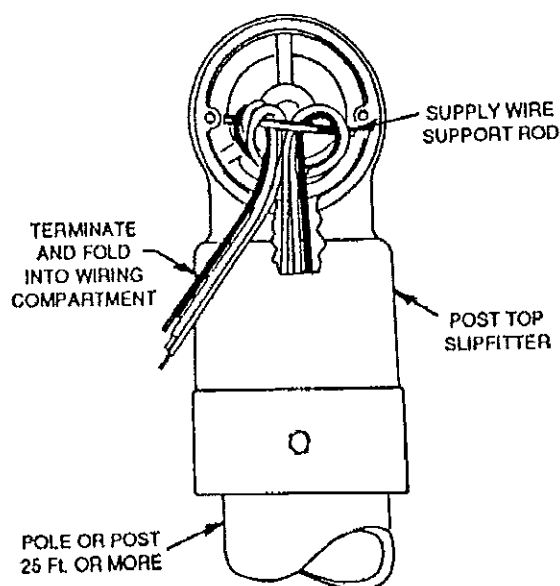
**AREAMASTER WITH TRUNNION:** For making electrical connections to this unit a three conductor No. 16 AWG cable is recommended (14 AWG for 1500 watt).

- Open Areamaster by loosening 4 captive screws and allow the cover to swing down. Remove the three cover screws covering the ballast compartment. Strip cable outer jacket 6 inches. Insert cable through grommet and retighten the pressure plate screws. The grommet and pressure plate must be properly tightened to form a weather proof seal and strain relief.
- Place the woven glass sleeving provided over the individual current-carrying supply conductors.
- Select the proper ballast voltage lead and splice to line lead (See multi-tap ballast caution label). Splice ballast common to line neutral. Splice floodlight ground green lead to line ground.

**WIRING:**

**AREAMASTER WITH SLIPFITTER:** All 480 volt models are internally prewired. Models with multi-tap ballasts require connecting the black slipfitter lead to the ballast.

- Open Areamaster by loosening captive screws and allow the cover to swing down. Remove the three cover screws covering the ballast compartment. Select the multi-tap ballast primary lead of the proper voltage and splice to the black slipfitter lead (See multi-tap caution label on ballast).
- Open slipfitter wiring compartment by loosening 2 screws and removing compartment cover. Connect slipfitter leads to voltage, neutral, and ground supply cable conductors.

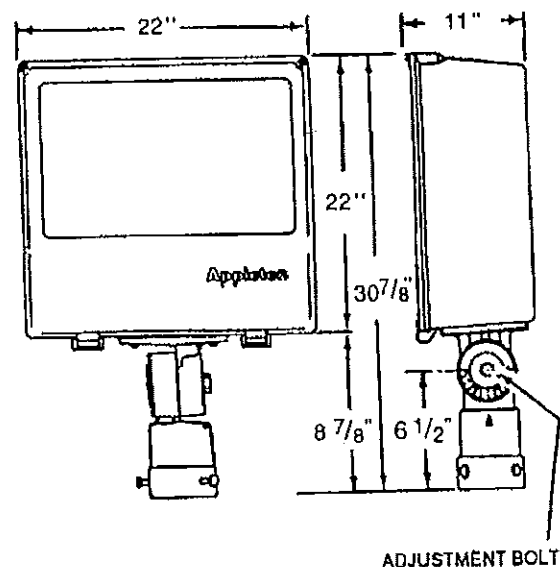
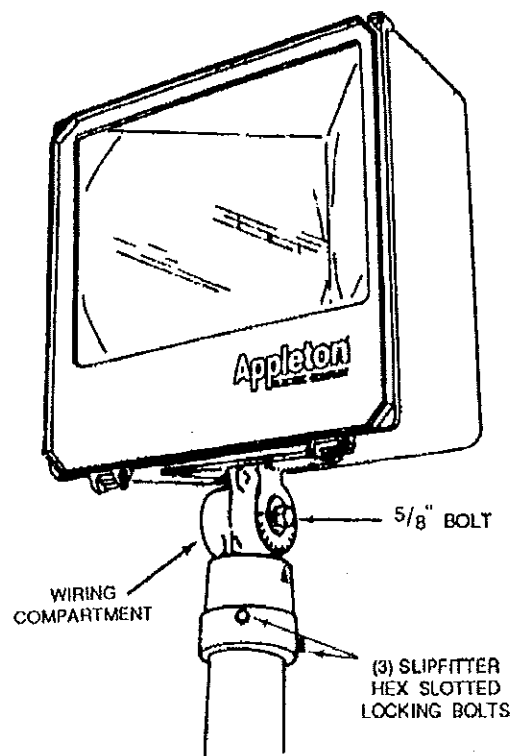
**FIGURE C****SLIPFITTER MOUNT**

**NOTE:** If post or pole is 25 Ft. or higher, the power supply lines must be supported.

- Loop the power supply lines around the support rod as shown in FIGURE C. Pull line to reduce size of knot and insert in the wiring compartment as shown.
- The weight of the supply wire will hold the rod in place.
- Complete the wiring.

**AUXILIARY LIGHT:**

For Areamasters equipped with an auxiliary light, see auxiliary lamp label on door for lamp type and maximum wattage information. The auxiliary lamp circuit is factory prewired.

**FIGURE B****SLIPFITTER MOUNTING**

**NOTE: DO NOT USE ON UNGROUNDED 480V CIRCUITS**