

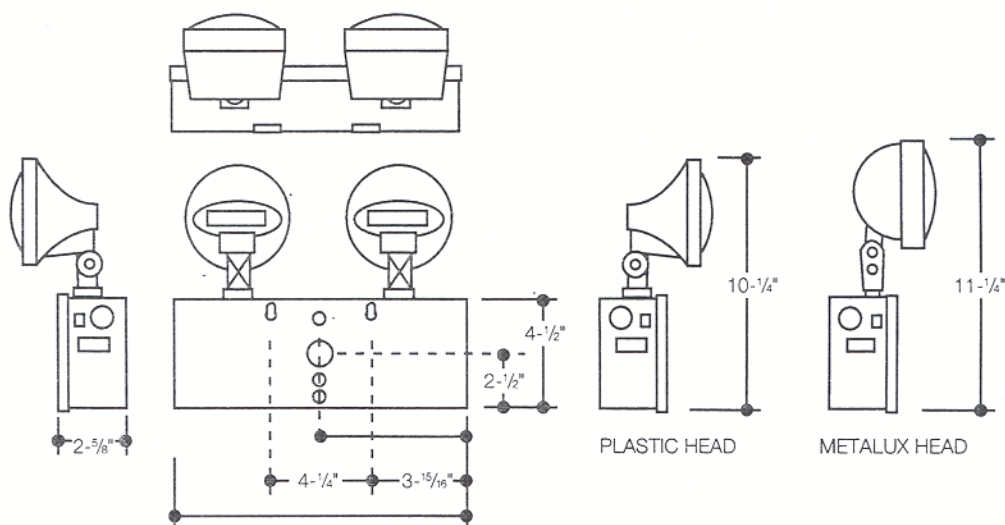
SURE-LITES

Installation Instructions For AA/XR Signs

IMPORTANT SAFEGUARDS

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE OBSERVED INCLUDING THE FOLLOWING:

1. **READ AND FOLLOW ALL SAFETY INSTRUCTIONS**
2. Do not use outdoors.
3. Do not let power supply cords touch hot surfaces.
4. Do not mount near gas or electric heaters.
5. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
6. Do not use this equipment for other than its intended purpose.
7. The use of accessory equipment not recommended by Sure-Lites may cause an unsafe condition.
8. Some equipment covered by these instructions are approved for remote fixtures. This equipment does not require a load fuse because its sophisticated solid-state transfer switch is current limited. Check load rating of equipment to calculate remote capability. **DO NOT** exceed TOTAL OUTPUT RATING of equipment. TRANSFER CIRCUIT will automatically shut down if overloaded.
9. Halogen cycle lamps operate at high temperatures. Do not store or place flammable materials near lamp.
10. **CAUTION:** Halogen cycle lamp(s) may be used in this equipment. To avoid shattering: Do not operate lamp in excess of rated voltage. Protect lamp against abrasion and scratches and against liquids when lamp is operating. Dispose of lamp with care.
11. **SAVE THESE INSTRUCTIONS**



CAUTION: To avoid possible electrical shock, be sure that power supply is turned off before installing or servicing this unit.

INSTALLATION

- Step 1.** Remove cover and mount unit securely in place.
NOTE: Keyhole slots not intended as sole means of securement.
- Step 2.** When connecting unit directly to an electrical box, insert bushing supplied with unit in 7/8 KO.
- Step 3.** Extend unswitched 24 hour supply of rated voltage and connect per diagram. Cap unused line lead. Connect ground in accordance with NEC or local codes. Circuit should not be energized at this time.
- Step 4.** If remote lamps are to be connected, extend DC circuit per Article 700 and 720 of NEC and connect to YELLOW and VIOLET leads provided.
- Step 5.** Install battery(s) and connect battery RED (+) and BLUE (-) battery leads. Lamps will not light at this time.
- Step 6.** Turn on AC supply and operate test switch. DC lamps will come on. Charge indicator will stay on. Release test switch. DC lamps will extinguish.
- Step 7.** Replace cover.



SURE-LITES

MAINTENANCE:

Replace batteries every 12 to 15 years depending on ambient temperature. Equipment be tested regularly in accordance with local codes.

NOTE: Servicing of any parts should be performed by qualified service personnel. For replacement lamps, battery or pc board, see fixture labels.

OPERATION:

1. To test, depress test switch. DC lamps will come on. Charge indicator will stay on.
2. Release test switch. DC lamps will extinguish.

CAUTION:

The AA Series Emergency Light is furnished with a sophisticated low voltage battery dropout circuit to protect the battery from over discharge after the useful output has been reached.
Allow 24 hours recharge time after installation or power failure for full load testing.

TROUBLE SHOOTING GUIDE:

EMERGENCY LAMPS DO NOT COME ON – PILOT LIGHT OUT BEFORE TEST.

1. Check AC supply - be sure unit has 24 hour AC supply

PILOT LIGHT ON - LAMPS DO NOT LIGHT.

1. Either output shorted or battery not connected.

EMERGENCY LAMPS COME ON DIM

1. Battery discharged - permit unit to charge for 24 hours and then retest. If lamp is still dim, check charger for charge function. If functioning properly, replace battery.

If following the above trouble shooting hints does not solve your problem, contact your local Sure-Lites Representative or the factory for assistance.