

SURE-LITES

Installation Instructions For RD/RLM Series

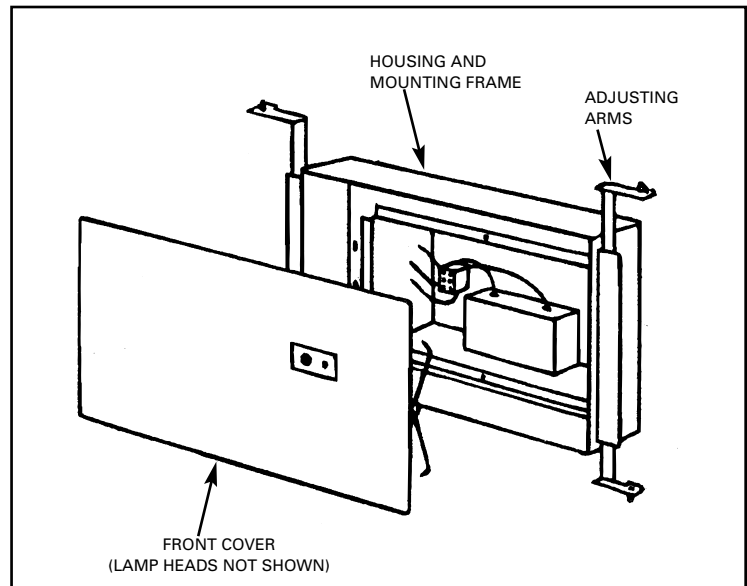
IMPORTANT SAFEGUARDS

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 mount near gas or electric heaters.
4. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
5. The use of accessory equipment not recommended by Sure-Lites may cause an unsafe condition.
6. Do not use this equipment for other than its intended purpose.
7. **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.
8. Halogen cycle lamps operate at high temperatures. Do not store or place flammable materials near lamp.
9. **SAVE THESE INSTRUCTIONS**

INSTALLATION

- Step 1.** Remove front cover from unit by pulling it gently away from the housing. When the torsion springs are exposed, squeeze them together and guide them out of their slots.
- Step 2.** Cut hole in ceiling or wall and secure housing and mounting frame in place. Use adjusting arms for proper location. (For wall mounting - remove existing screws from bar hanger mounting bracket and position them in the holes opposite on the mounting bracket.)
- 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.** Install battery(s) and connect battery red (+) and blue (-) battery leads. Lamps will not light at this time.
- Step 5.** Plug in mating polarized connectors from front cover and housing.
- Step 6.** Replace front cover by reversing Step 1.
- Step 7.** 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.



MAINTENANCE: Replace batteries every 8 to 10 years according to ambient temperature. Equipment should 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: This RD/RLM Series Emergency Light is furnished with a sophisticated low voltage battery dropout circuit to protect battery from over discharge after the useful output has been reached. Allow 24 hour recharge time after installation or power failure for full load testing.

TROUBLE SHOOTING HINTS:

EMERGENCY LAMP DOES NOT COME ON – PILOT LIGHT OUT BEFORE TEST.

1. Check AC supply - Be certain that unit has 24 hour AC supply.
2. Pilot light on - Lamps do not light. 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 charger 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.