

Prism INSTALLATION INSTRUCTIONS

All electrical installations should be done by a qualified electrician and conform to local building and electrical codes

IMPORTANT: READ AND FOLLOW THESE SAFETY PRECAUTIONS

1. Turn off electrical supply at fuse or circuit breaker before wiring this unit to power.
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. Use caution when handling batteries. Avoid possible short circuits.
6. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
7. The use of accessory equipment not recommended by Lumacell may cause unsafe conditions.
8. Do not use this equipment for other than its intended purpose.

INSTALLATION INSTRUCTIONS

- a. Turn electrical power off.
- b. Wire unswitched AC power to installation location.
- c. Remove lenses from both ends of fixture by prying up gently (see diag 1)
- d. Separate backplate from housing by squeezing the locking tabs that protrude through the housing (see diag . 2).
- e. Mount backplate. Position backplate so that the Test Switch on the housing will face the desired direction when installed.
For mounting backplate to junction box insert self tapping screw through slots in center mounting pattern.
For installing with conduit or line cord insert screws through key hole slots at corners of backplate into suitable anchors. Knock out the conduit entry hole on the side of the housing.
- f. Use wire nuts to connect unswitched AC circuit wires to units AC input wires. For 120 VAC input see diag. 3. For 277 VAC see diag. 4. For 347 VAC see diag. 5. Be sure to cap unused wires.
- g. For DC connection of remote head or exit sign, two leads are supplied (29W unit only). Red c/w in line fuse (+) blue(-)(see diag. 6).
- h. To energize AC circuit—slide the two terminals on the red wires together to connect red battery leads.
- i. When re-attaching housing to backplate the AC power must be off. Position unit housing over backplate and press until all four locking tabs protrude through housing and snap into place (see diag. 2).
- j. Place lamps into the sockets, best suited for unit mounting.
(a) Wall mount—sockets closest to battery compartment
(b.) Ceiling mount.—sockets closest to backplate.
- k. Re-install lenses by inserting tabs on lens into holes at centre of housing and then snapping in tabs at ends of lenses. (see diag 7).
- l. Energize AC circuit.

Testing

Depress test switch—the emergency lamps will illuminate. When test switch is released lamps will go off. Allow unit to charge for 24 hours before initial full load testing.

IMPORTANT NOTICE

This unit is equipped with a low voltage disconnect circuit to prevent damage by over-discharging the battery. However, if the AC supply to the unit is to be disconnected for two months or more, the battery must be disconnected.

Only qualified personnel should perform service to this fixture.

