

Model: LEDSP



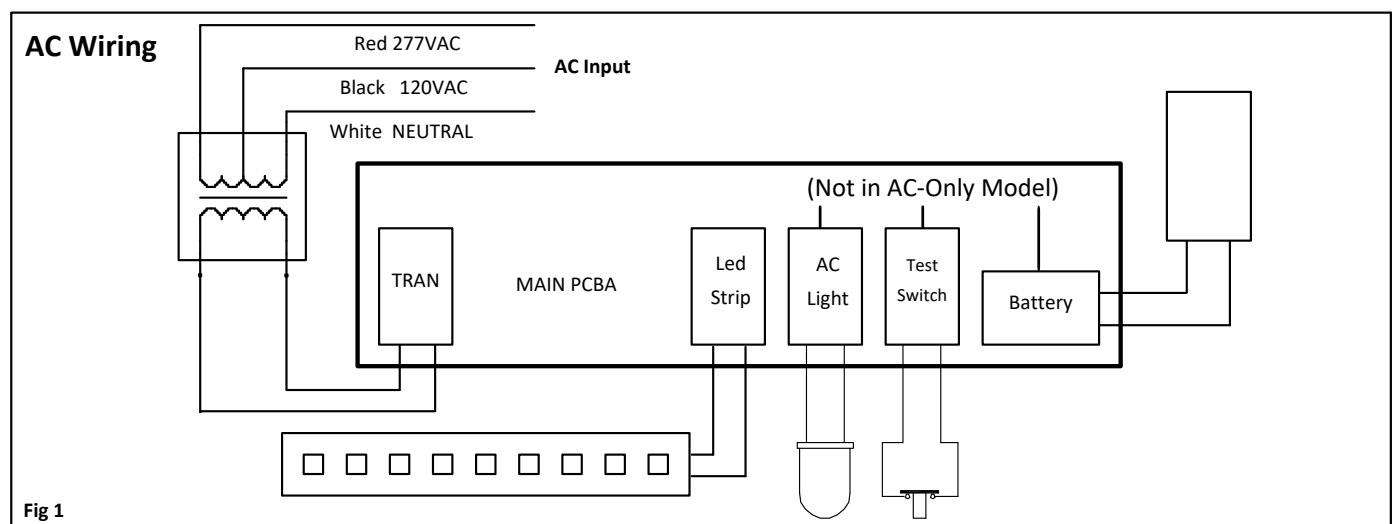
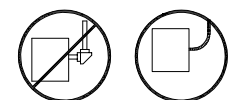
IMPORTANT SAFEGUARDS

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

- Installation and servicing is to be performed only by qualified personnel.
- All electrical connections must be in accordance with local codes and ordinances.
- Turn off electrical power and allow the unit to cool off before opening for maintenance or servicing.
- Do not use outdoors.
- Do not let power supply cords touch hot surfaces.
- Do not use in hazardous location or mount near gas or electric heaters.
- Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or in eyes, flush acid with fresh water and contact a physician immediately.
- Equipment should be mounted in location and at heights where it will not readily be subject to tampering by unauthorized personnel.
- The use of accessory equipment not recommend by the manufacturer may cause unsafe conditions.
- After installation, allow battery to recharge for 24 hours before the first full duration discharging test.
- Do not use this equipment for other than intended use.

WIRING DIAGRAM

Use Flexible Conduit Only



INSTALLATION INSTRUCTIONS

Wall, Ceiling and End Mount

1. Remove front cover from main housing by pulling on all 4 edges.
2. For wall mount, knock out necessary holes to mount fixture and route wires into sign (Fig 2).
3. For ceiling and end mount, knock out corresponding hole, then use canopy and mounting bracket (Fig 3, 4). Slide canopy into fixture to secure in place.
4. Feed fixture leads into fixture and connect AC power supply wires according to wiring diagram (Fig 1). Cap off any unused wires.
5. Apply continuous AC power.
6. Connect battery only after continuous AC power is provided to the unit (Fig 1).
7. Align front cover and snap back onto fixture.
8. Test fixture according to testing and maintenance instructions listed below (Fig 3).

OPERATION

Normal Mode - AC power is present.

Emergency Mode - Normal AC power fails. LED lamps will be illuminated for a minimum of 90 minutes via battery or generator backup. When normal AC power is restored, the system returns to Normal Mode and if equipped with battery resumes charging.

TESTING AND MAINTENANCE

(For **AC-only model** testing and maintenance, see note below in parenthesis)

Pressing the external test button simulates an AC power failure and forces the system into Emergency Mode. The LED lamps will illuminate. Testing may also be performed by turning off the corresponding circuit breaker.

Initial Test - Allow the unit to charge for 1 hour, then press the test button to conduct a short test. Allow a 24 hour charge before conducting a 90 minute test.

Monthly Test - Ensure that the test button is illuminated. Conduct a 30 second test by depressing the test button.

Annual Test - Ensure that the test button is illuminated. Conduct a 90 minute test by turning off the corresponding circuit breaker.

(When using an **AC-only model** that relies on a generator or other means to provide emergency power, the same initial, monthly and annual tests must be performed by simulating normal AC power loss to the device being tested. Verify that the emergency power source provides power to the device for the durations of time listed above for each corresponding test.)

Written records of testing shall be kept on file for inspection by the authority having jurisdiction.

Wall Mount

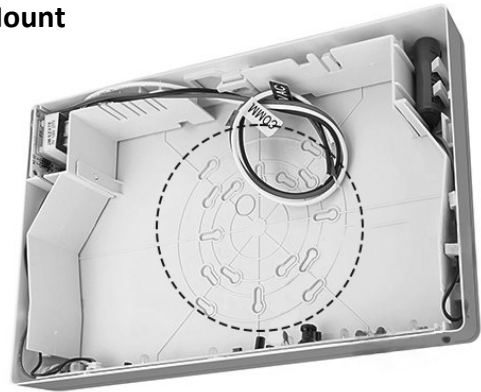


Fig 2

Ceiling Mount

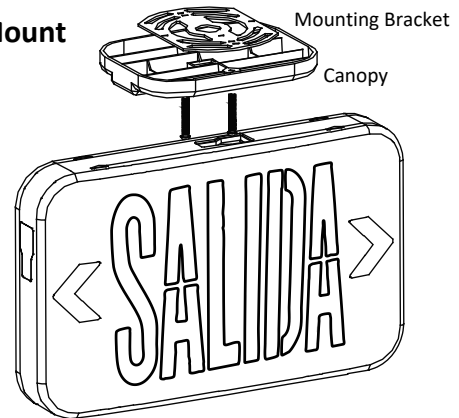


Fig 3

End Mount



Fig 4



Fig 5