

Installation Instructions for the Sure-Lites ACE Architectural AC-Only Exit Sign

WARNING

Risk of Fire/Electric Shock

If not qualified, consult an electrician.

WARNING

Risk of Electric Shock

Disconnect power at fuse or circuit breaker before installing or servicing.

Important Safeguards

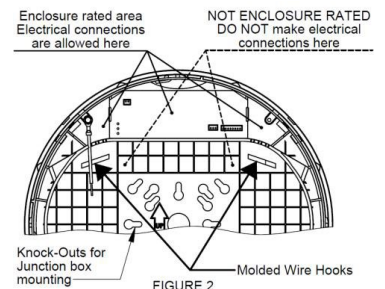
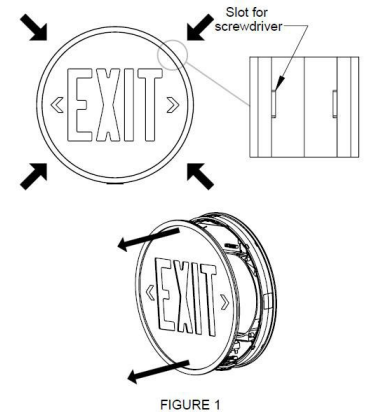
WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE OBSERVED INCLUDING THE FOLLOWING.

1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS
2. Do not use outdoors
3. Do not use near gas or electric heaters.
4. Do not let power supply cords touch hot surfaces.
5. Do not use this equipment for other than the intended use.
6. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
7. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
8. Install in accordance with National Electric Code and local regulatory agency requirements Installation is to be performed only by qualified personnel.
9. DO NOT EXCEED TOTAL OUTPUT RATING of source power equipment

SAVE THESE INSTRUCTIONS

Wall Mount Installation

1. Extend un-switched 24-hour AC supply of rated voltage to junction box (provided by others). Leave at least 18 inches of slack. Circuit should not be energized at this time.
2. Open the ACE by removing the stencil face and lens assembly. Place a flat blade screwdriver in the slots at the top and bottom of the stencil face and gently twist. (See Figure 1)
3. Knock out the appropriate mounting pattern and wire pass hole on the back-plate to match junction box.
4. Connect power supply and ground in accordance with local codes. Wire connections as follows: 277VAC line to Orange lead or 120VAC line to Black lead; Neutral to White lead. Ground to Green wire; Cap unused line lead (see Schematic on next page). Connections must be in the enclosure rated area of the frame (See Figure 2) or junction box, not in the sign face. Make sure wires are routed so they do not create shadows on the face of the exit. Two wire hooks are molded into the back-plate to aid in securing the wires. (See Figure 2).
5. Snap the stencil face assembly back into place.
6. Energize AC supply, LED display will illuminate.



Ceiling or End Mount Installation

1. Extend un-switched 24 hour AC supply of rated voltage to junction box (provided by others). Leave at least 18 inches of slack. Circuit should not be energized at this time.
2. Open the ACE by removing the stencil face and lens assembly. Place a flat blade screwdriver in the slots at the top and bottom of the stencil face and gently twist. (See Figure 1)
3. Remove the back-plate by prying back the 4 snaps retaining it. (See Figure 3).
4. Remove the appropriate canopy hole cover for the intended mounting.
5. Determine whether the sign will be single or double face, and snap the appropriate decorative back-plate provided to the back of the fixture. (See Figure 4)
6. Place the canopy nose through the mounting hole until the side of the frame touches the canopy. Lock the frame onto the canopy by sliding the frame in a direction parallel to the canopy length toward the narrow end of the mounting hole. Slide the frame until the snap engages the canopy nose preventing any motion back out of the hole.
7. Mount mounting strap to junction box by choosing proper slots and using screws supplied with parts bag.

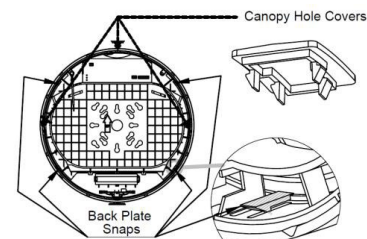


FIGURE 3



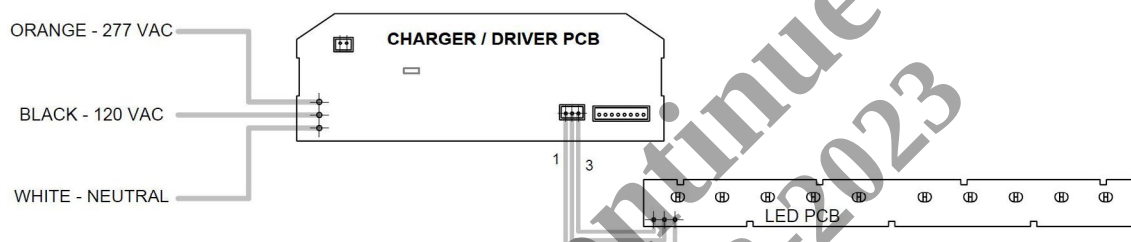
FIGURE 4

NOTE: When mounting the ACE, it is necessary to consider the weight of the fixture, approximately 6 pounds. The junction box should be mounted with suitable anchors.

8. Feed the wires through the canopy and connect power supply and ground in accordance with local codes. Wire connections as follows: 277VAC line to Orange lead or 120VAC line to Black lead; Neutral to White lead. Ground to Green wire; Cap unused lead. Connections must be in the enclosure rated area of the frame (See Figure 2) or junction box, not in the sign face. Make sure wires are routed so they do not create shadows on the face of the exit.

9. Snap the stencil face assembly back into place.

10. Energize AC supply, LED display will illuminate.



Maintenance

NOTE: Servicing of any parts should be performed by qualified personnel. Only use replacement parts supplied by Cooper Lighting Solutions.

Trouble Shooting Guide

If LED display or charge indicator LED does not illuminate, check the following:

- Check AC supply – verify that unit has 24 hour AC supply.
- Unit is shorted
- If following the above trouble shooting hints does not solve your problem, contact your local Cooper Lighting Solutions representative for assistance.