

# INSTALLATION INSTRUCTIONS FOR 12V SURFACE MOUNT LIGHTS WITH SMALL JUNCTION BOX

INSPECTED BY:

## INSTALLATION FOR SURFACE AND DIRECTIONAL DOWN LIGHT FIXTURES:

**NOTE: To prevent electrical shock, disconnect transformer from electrical supply before installation or service.**

1. Using Junction Box as a template, mark holes for location of mounting screws.
2. Drill pilot holes for two (2) #6 mounting screws (supplied.)
3. Strip two (2) leads from fixtures 18/2 lead wire.
4. Run 12V supply wire through liquid tight connector and wire to 18/2 lead wire using blue wire nuts (provided.)
5. Tuck wire nuts into Junction Box.
6. With a Philips #2 screwdriver attach Junction Box to surface using the two (2) #6 mounting screws. Make sure wires are not pinched between Junction Box and surface.
7. Loosen, but do not remove, black knob on mounting bracket, aim fixture to desired location and retighten black knob firmly.
8. Turn on 12V power supply and check for proper operation.

### LAMP INSTALLATION/REPLACEMENT

NOTE: Turn off power before servicing fixture.

To re-lamp directional bullet fixtures **SL-25, SL-26 & SL-29**, loosen thumb screw on bottom of cap (copper models do not have thumb screw). Hold body and cap with each hand. Rotate and pull to separate. Pull Bi-Pin lamp away from socket to release. Check label inside fixture for correct lamp and wattage and insert new Bi-Pin lamp into socket. Re-install cap onto body by rotating cap in circular motion while sliding cap into the body. DO NOT push cap straight into body to prevent O-ring from slipping out of its groove. Tighten thumb screw when assembled.

To re-lamp **SL-27 & SL-28**, hold fixture firmly, push bayonet base lamp into socket and rotate counter clockwise to release lamp. Check label inside fixture for correct lamp and wattage, insert new lamp into socket and rotate clockwise to lock.

**CAUTION: Do not exceed maximum wattage marked on fixture label.**

### IMPORTANT SAFETY INSTRUCTIONS TO REDUCE THE RISK OF FIRE AND INJURY TO PERSONS:

1. Lamp gets hot quickly; turn off, unplug/disconnect and allow to cool down before replacing the light bulb.
2. **DO NOT** touch hot lens, use guard or enclosure.
3. **DO NOT** look into lamp when on.
4. Keep lamp away from materials that may burn.
5. Use only with wattage/lamp marked on fixture warning and instructions.
6. Use the correct light bulb base with the correct socket.
7. **DO NOT** touch lamp at anytime. Use a lint-free cloth when handling the Halogen light bulbs as oil from skin may damage lamp and shorten lamp life.
8. **DO NOT** operate fixture with missing or damaged shield or lens.

