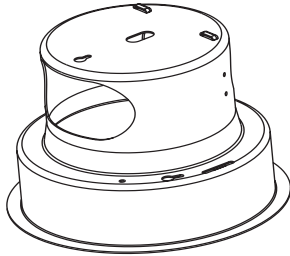


# INSTALLATION INSTRUCTIONS

## LGZ Reflectors

# SAVE THESE INSTRUCTIONS

Upon receipt, thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier. Compare the catalog description listed on the packing slip with the label on the carton to ensure that you have received the correct merchandise.



### IMPORTANT SAFETY INFORMATION

For Your Protection, Read Carefully

**WARNING** - Risk of fire. Do not install insulation within 3 inches of fixture sides or wiring compartment, nor above the fixture in such a manner as to entrap heat.

#### 1. Electric current can cause painful shock or serious injury unless handled properly. For your safety, always remember the following:

- Turn off the power supply.
- Ground the fixture to avoid potential electrical shocks.
- Do not handle an energized fixture or energize any fixture with wet hands, when standing on a wet or damp surface, or in water.
- Double check all electrical connections to be sure they are tight and correct.

#### 2. Specific safety information concerning lamps:

- Match wattage of fixture and lamp exactly.
- Do not remove or insert lamp when power is on.
- Do not scratch glass or subject lamp to undue pressure as either may cause lamp breakage.
- Protect operating lamp from sources of moisture.

### New Installation

1. Remove door assembly by pulling door assembly out of reflector, compress torsion springs and slide springs through slots in reflector.
2. Attach socket housing to top of reflector by aligning/inserting corners of socket housing into raised tabs on top of reflector as shown in Figure 1. Align screw in socket housing with keyhole slot in reflector, push forward and tighten screw securely.
3. Push reflector through mounting frame opening, making sure to tilt reflector as shown in Figure 2. Align keyhole slot in reflector with reflector retaining screw and tighten securely. **NOTE - For best results, position socket housing opposite of the ballast where applicable.**
4. Visually inspect reflector flange, making sure that it is seated properly against the ceiling.
5. Fixture may now be lamped and is designed for specific wattages. Consult label on socket housing for the correct wattage/lamp type for the reflector/mounting frame combination. **For fluorescent applications:** insert tip of lamp through opening opposite the socket housing, align base of lamp with socket and snap into place.
6. Attach door assembly by compressing torsion springs and inserting them into the slots in the reflector. Push door assembly up into reflector.
7. To remove the reflector: remove door assembly, remove lamp(s), loosen reflector retaining screw and disengage reflector. Tilt reflector, lower through the mounting frame opening and loosen screw to disengage reflector from socket housing.

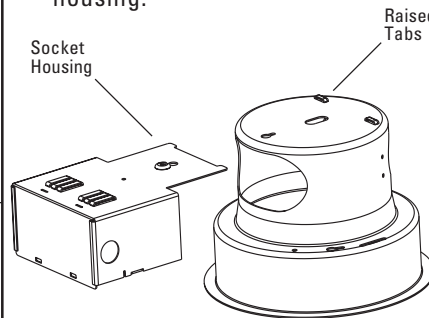


Figure 1

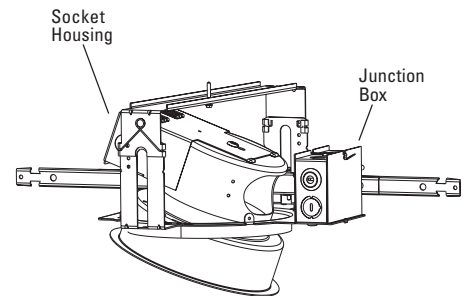


Figure 2

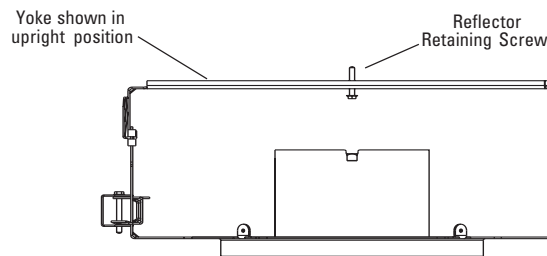


Figure 3

### TROUBLE SHOOTING CHART

Check for any visible damage to the lamp or frame-in module. If they seem in good condition, locate the problem in the following list of possible causes and corrective actions.

Symptom	Possible Cause	Corrective Action
LAMP FAILS TO LIGHT	-Circuit feeding the fixture not energized -Wiring error in circuit or module connection  -Faulty lamp  -Line or ballast output -Faulty ballast -Ambient temperature too low	-Check circuit breaker or fuse to ensure that circuit is energized. -Examine fixture splice box to ensure that connections are correct. -Remove the faulty lamp and substitute another lamp, preferably one that is known to light. If the lamp lights, replace the original with a new one. -Check line voltage at fixture. Check open circuit voltage. -Check circuit continuity. -Check ballast rating against existing environmental conditions.
LAMP GOES OUT AFTER LIGHTING	-Faulty lamp	-Occasionally a lamp will exhibit this symptom rather than simply failing to light. Substitute a new lamp.
LAMP CYCLES ON AND OFF	-Insulation is too close to fixture -Lamp wattage too high -Ballast output voltage low	-Remove insulation from around module (at least 3") -Install lamp wattage specified in housing. -Check line voltage at the fixture. Check open circuit voltage.