

# Installation and Maintenance *for:* KL-S/EZ Series

## Important Safeguards

**When Using Electrical Equipment, Basic Safety Precautions Must Always Be Followed, including the following:**

**Do Not Use This Product For Other Than Intended Use.**

**Caution: Service Must Be Performed By Qualified Service Personnel.**

**Do Not Install This Product Near Gas or Electric Heaters.**

**Use of Accessory Equipment Not Recommended by the Manufacturer May Cause an Unsafe Condition.**

## *Read and Follow All Safety Instructions*

*Installation must be performed by qualified Service personnel.*

1. With fixture body resting face up on a stable surface, open doorframe using doorframe removal tool.
  - a. Opening The Fixture: The opening tool is designed to be use on the stainless steel frame only. Center it on the clean metal surface near a corner and press the cups tight to the frame. With one hand on the ceiling near the corner and the other on tool, pull evenly on the tool using a single quick motion.
  - b. If suction cups detach prematurely make sure that they and the surface are clean. Sometimes a little water in the cups can help for especially difficult situations.
2. To release the door, squeeze the torsion springs and slip them through the slot. Remove safety cables if required. (Remember to reattach safety cables later in a later step.)
3. Locate mounting surface and/or structure capable of reliably supporting more than the weight of the fixture according to applicable building codes.
4. Locate mounting holes (4 each provided) and supply knockout locations (2 each provided) in the rear housing surface.
5. Select Supply Entry Method.
6. Direct conduit: Using the knockouts for supply connection. Remove silicone seal from knockout area. Create the Supply entrance hole in the plate by removing the revealed knockout using a screwdriver. Connect conduit fitting to plate. If a ground wire is required, attach it to the fixture using the stud and green nut provided.
7. Junction box: Remove plate and caulk area of housing around J-box to seal the fixture to the ceiling.
8. Secure fixture to mounting surface using minimum (4 ) 1/4-20 bolts with washers. This and all other hardware should be stainless steel if installed in a wet or damp location.
9. Rough in supply connections according to the NEC and local requirements using minimum 90C supply wiring materials.
10. (Optional) Seal with caulk the perimeter of the fixture where it contacts the mounting surface using site approved materials.
11. Remove any protective films from the outer surfaces as provided.
12. Replace reflector and secure reflector.
13. Secure Doorframe hinge cables to housing using two studs and nuts provided.
14. Install only the rated lamps. ( See marking inside fixture for appropriate lamp type.)
15. Secure doorframe to housing by inserting all the torsion springs into the slots on the housing, starting with the cable supported side first, keeping the door extended from the body.

[The torsion springs are designed to stop at the extended position and requires force to begin closing. Be careful: The doorframe will close quickly and may cause injury if your hand or finger are between the door and housing when the door is pushed closed.]

Center the door over the housing and evenly push the doorframe up. As the frame nears the housing it will quickly complete the closure and center itself on the housing. Inspect that it has done so. If the door is not sealed or is not contacting the ceiling, use the tool to open and re-close the doorframe.
16. Energize fixture with the marked and rated voltage from a protected branch circuit. Please note: Fixture may be internally fused with a replaceable fuse element.
17. Do Not Open or Service Fixture While Energized. Always Disconnect Power from supply before servicing.
18. Do Not Operate Fixture when damaged or not completely sealed.