

Installation Instructions for: S-541 Series

Important Safeguards

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

Do Not Use This Product For Other Than Intended Use.

Caution: Installation Must Be Performed By Qualified Service Personnel.

Installation shall be done in accordance with the wiring methods given in the NEC, NFPA 70.

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

Read and Follow All Instructional and Cautionary Labels Found On or In This Fixture.

Read and Follow All Safety Instructions

1. Turn off all electric service in the area of installation.
2. With fixture body resting face up on a stable surface, open doorframe, remove doorframe and internal reflector and (if provided) the electrical tray. (Removal of electrical tray is required to access mounting studs and to reduce the weight during installation).
3. Prepare a mounting structure capable of reliably supporting more than the weight of the fixture according to applicable building codes
4. (Perform only with WL and EL series fixtures) Secure mounting pan directly over junction box or in line with surface conduit. Secure pan using four ¼-20 plated steel or stainless steel bolts, anchors and nuts. (by others) Note: Mounting points must be reinforced from above using structural materials capable of supporting the fixtures weight under all loads.
5. Rough in through open 7/8” hole or knockout the supply conduit and connections according to the NEC or CEC and local requirements using minimum 150C supply wiring materials. **Use Grounding means provided.**
6. (Perform only with HL and KL series fixtures) Secure housing using four ¼-20 plated steel or stainless steel bolts, anchors and nuts. (by others) Note: Mounting points must be reinforced from above using structural materials capable of supporting the fixtures weight under all loads.
7. (This task may require two service people.) Lift fixture onto ceiling mounting pan studs (provided) and start nuts to provide temporary support.
8. Pass wiring through pan into fixture housing.
9. Connect any required seismic support cables to housing using site-approved materials.
10. After you are sure that all four bolts are supporting the fixture, tighten each nut evenly, drawing the fixture up into the mounting pan or to the ceiling.
11. Optional step: Caulk the interface at the ceiling to seal the mounting pan or housing over the junction box. (Warning: Be sure to use Site Approved materials. (Do not use silicone if surface is coated after installation.)
12. Install, if provided and removed (KL and FP series), the electrical tray from step #1 and secure using the hardware provided.
13. Complete wiring of fixture using high temperature wiring connectors. **Remember to position wiring so that it remains at all times away from the reflector, lampholder and ballast.**
14. Remove any protective films from all surfaces of the reflector or housing as provided.
15. Replace reflector and secure by tightening screws.
16. Install only the rated lamp as marked on fixture.
17. Tightly secure doorframe using a screwdriver.
18. Energize fixture with rated voltage from a protected branch circuit.
19. Do Not Open or Service Fixture While Energized. Always Disconnect Power from supply before servicing.
20. Do Not Operate Fixture when damaged or not completely sealed.