

Installation Instructions **for:** KL-AFV 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 Art. 410, 500 & 501-4(b). (as applicable)

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) With fixture body resting face up on a stable surface, remove endcap by removing flat head screw located near the center of the endcap. Remove the lens by gently compressing it while pulling away from the housing starting at one end. Open wireway by removing the two screws that secure internal reflector.
- 2) (For SSH optioned fixtures only) Select **One** Hub for supply connection. Locate internal plug inside hub and remove using a screwdriver. Verify that the hub plug is securely in place within the unused hub.
- 3) Rough in supply conduit through rear of housing by pre-drilling a 3/8" dia. hole on the centerline of the rear surface, where desired, keeping a minimum of 3 inches from the ballast. Using a 7/8" diameter radio punch set cut a suitable conduit entrance and complete rough in work. Complete rough in of supply wiring and connections according to the NEC and local requirements using minimum 90C supply wiring materials. Flattened knockouts are provided on each endcap for flexible conduit connections. Connect ground conductor to the green threaded fastener located on wireway. **Note: Ground all electrical equipment using approved methods.**
- 4) Pre-drill two mounting holes per fixture in the mounting surface of a T-bar capable of reliably supporting more than the weight of the fixture according to applicable building codes. Mounting hole pattern size is found in the chart below.
- 5) Install fixture to surface using (2) #10-24 screws or 1/4-20 bolts (provided by others) through mounting holes in housing using nuts and washers. **Note: This and all other hardware are to be stainless or plated steel if installed in a wet or damp location.**
- 6) Remove any protective films from the reflective or outer surfaces as provided.
- 7) Replace reflector and secure by tightening screws.
- 8) Install only the rated lamps as marked on fixture.
- 9) (For SSH optioned fixtures only) Tightly Secure endcap using knurled ring after installing the lens.
- 10) Secure endcap using the flat head screw after installing the lens.
- 11) Energize fixture with rated voltage from a protected branch circuit.
- 12) Do Not Open or Service Fixture While Energized. Always Disconnect Power from supply before servicing.
- 13) Do Not Operate Fixture when damaged or not completely sealed.
- 14) Replace any broken or damaged parts immediately.

Cat. No.	Length	Mounting (on center)
KL-AFV-x-20	24.125"	12"
KL-AFV-x-30	36.125"	24"
KL-AFV-x-40	48.125"	36"

