

# Installation Instructions For

# FP-IMP-2X2

## Preparation

1. Locate center of the ceiling cutout. Be sure not to locate cutout near edges of panels without providing adequate support.
2. Measure and mark a 23 inch square hole that has right angles and is aligned with the room axis.
3. Cut the ceiling panel using care to be sure that the blade path is consistent for each surface of the panel.

(Be sure that the cutout is a properly sized rectangular hole in panel and cap as required by code and structural requirements of the panels. )

**Warning:** When working from an installed walkable ceiling, care must be taken when working near the panel openings. Worker must conform to OSHA requirement for fall protection and Electrical Safety.

## Installation (Base)

4. From below the panel, insert fixture bottom base (with lens) through panel opening and secure to top base with 12-24 screws provided.
5. Clean area around the fixture of debris.
6. Tighten screws evenly using a screwdriver. Remember to check the tightness of the first screws when complete. (If you use a drill or electric driver be sure to set the torque to the lowest value. In no way is the doorframe to see screw torques above 8 inch/lb. Exceeding 8 inch/lb may damage the doorframe or strip the hardware.) If you do not know what 5 inch/lbs is and have not access to a torque meter you may use the brass washers as a guide. They will be fully conformed at 4-6 inch/lbs. Stop tightening when they have a "cone-shaped" deformation that fits the screw head.

## Installation (Electrical Assembly)

### Rough-In

7. While resting electrical assembly on the heatsink, remove the wireway cover to expose the knockout.
8. Bring a flexible conduit system and a grounded electrical wiring system to the knockout located on the Top Cover of the electrical assembly near the side of the housing. Remove the knockout and thread conduit fitting through housing and secure.
9. Make ground connection using the green nut and captive washers.
10. Make electrical connections to the luminaire disconnects provided.

### Finish

11. Secure wiring to avoid damage or exposure.
12. Replace reflector/wireway cover(s) and secure with provided nuts.
13. Close and latch top cover
14. Energize with the rated voltage as marked on the fixture.