

⚠ WARNING

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For the installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

⚠ WARNING

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL approved wire connectors.

⚠ CAUTION

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
- Risk of burn. Disconnect power and allow fixture to cool before changing bulb or handling fixture.

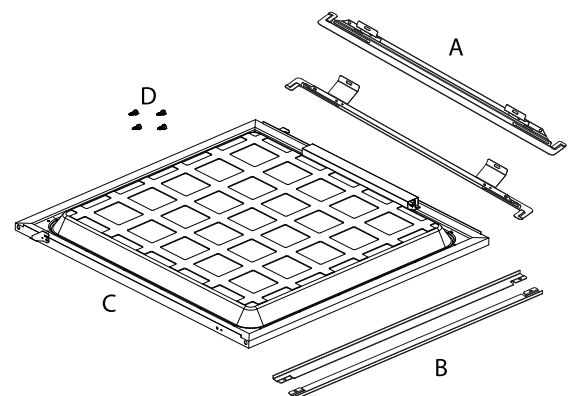
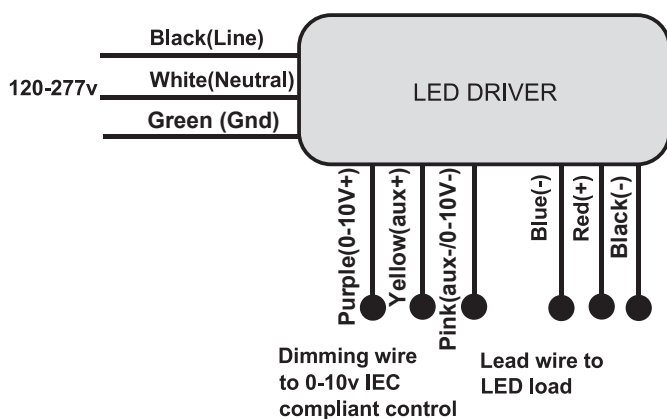
NOTICE: Green ground screw provided in proper location. Do not relocate.

NOTICE: Minimum 90°C supply conductors.

NOTICE: Specifications and dimensions subject to change without notice.

NOTICE: Suitable for Dry or Damp location.

General Wiring Diagram



A: End Plates	2pcs
B: Side Plates	2pcs
C: Door Assembly body	1pcs
D: Self-tapping screws	4pcs

NOTICE: The existing fluorescent luminaires housing shall be larger than dimensions described in below table:

WARNING

Note: Incompatible retrofit of Louver

Housing Designation	Overall inner Dimensions
2' x 2'	610 mm by 608 mm by 78 mm high
2' x 4'	1220 mm by 608 mm by 78 mm high
1' x 4'	1220 mm by 302 mm by 78 mm high

Installation

Figure 1

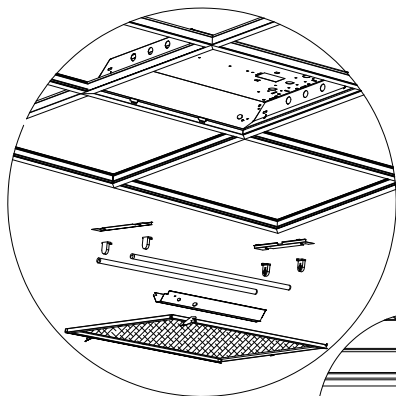


Figure 2

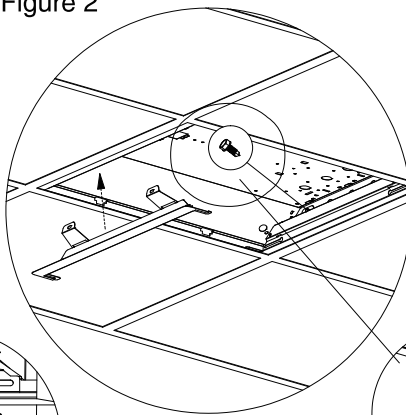


Figure 3

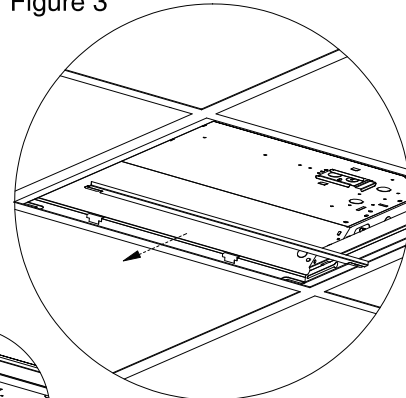


Figure 4

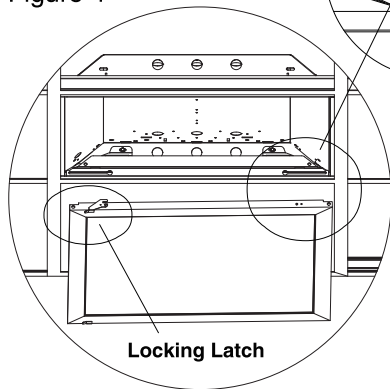


Figure 4A

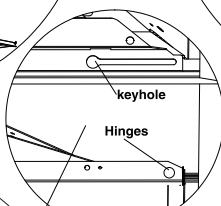


Figure 5

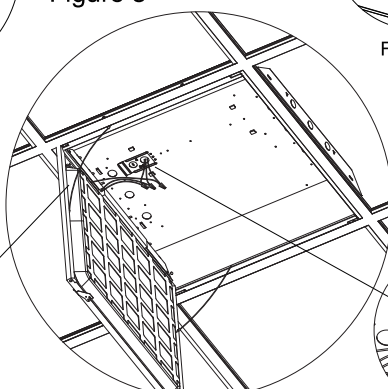


Figure 2A

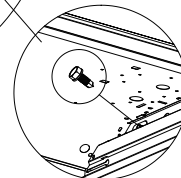


Figure 6

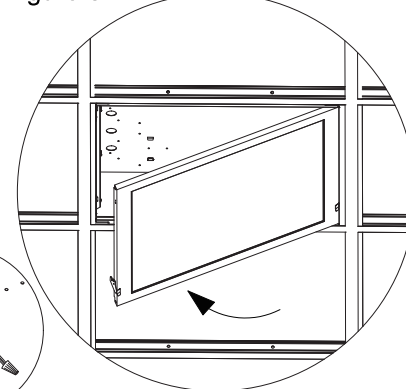
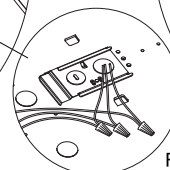


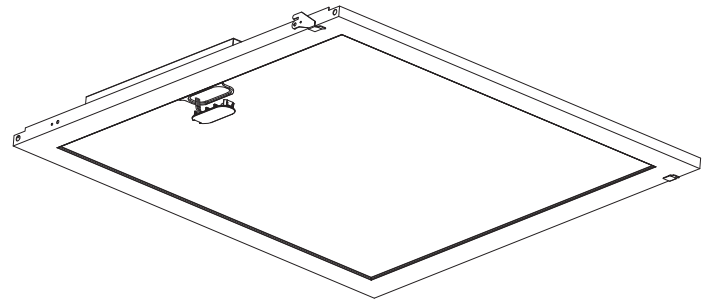
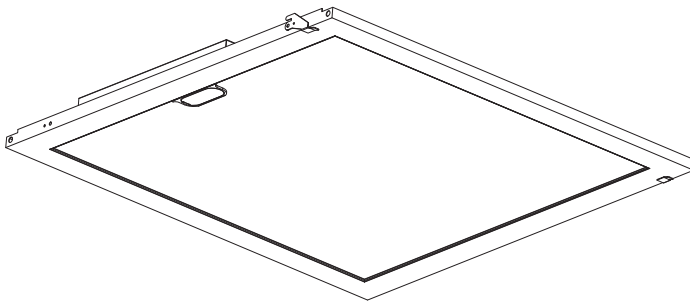
Figure 5A



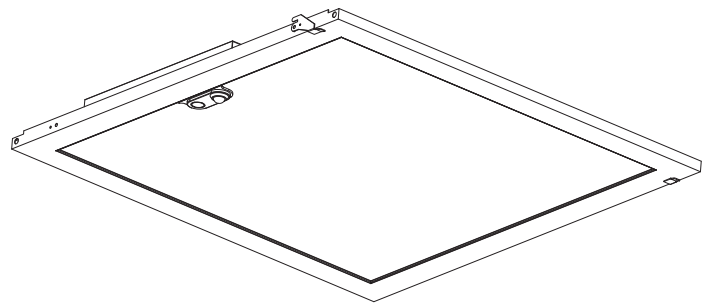
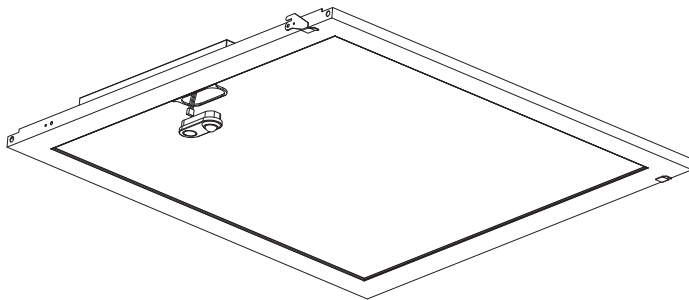
- Prior to installation, disconnect all incoming power to fixture. Remove existing hardware (lens/lens frame, parabolic louver, reflectors/ballast covers, brackets, lamps/lamp holders). Leave supply and grounding leads. (Fig.1)
NOTE: Follow all federal and local regulations when disposing of lamps and removed components.
- Install LED panel end brackets to each end of the existing fixture by gently lifting it and placing LED panel end brackets between the fixture and T-grid. (Fig.2)
- If you are not pleased with the gap between the fixture and T-grid, you may install LED panel side brackets between the fixture and T-grid, there are two tabs to allow for placing the side brackets into the slot of end brackets. (Fig.3)
- Secure the LED panel brackets to the existing fixture using the provided #8x1/2" self-drilling screws. (Fig.2A)
- Locate the door assembly body onto the keyholes of end brackets, and then slide the door assembly body horizontally to the end of slots. (Fig.4)
- Hook the safety cables into the holes positioned the end brackets. (Fig.5)
- Connect the wire leads of the troffer kits to the main power leads. (Black-Live, White-Neutral, Green-Grounding) (Fig.5, Fig.5A)
- Secure the door assembly body by lock the latches riveted on each end of the assembled door frame. (Fig.6)

Additional Accessories

- DC12V Sensor
 - Standalone sensor IFS06R or Bluetooth commissioning sensor IFS108



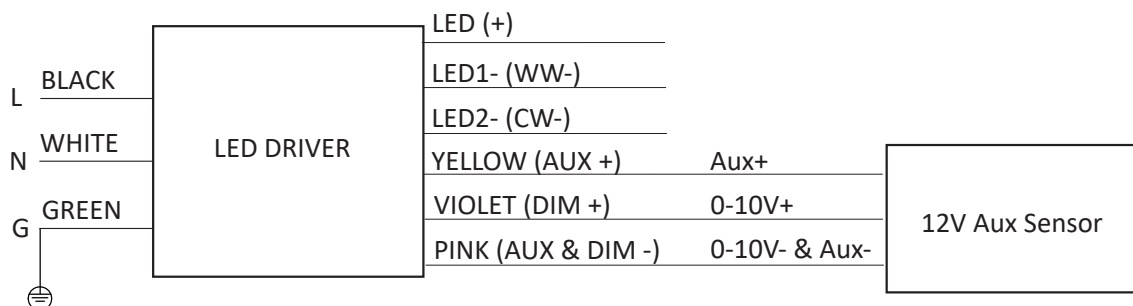
Step 1
Remove the plate before or after you install the fixture in the ceiling.



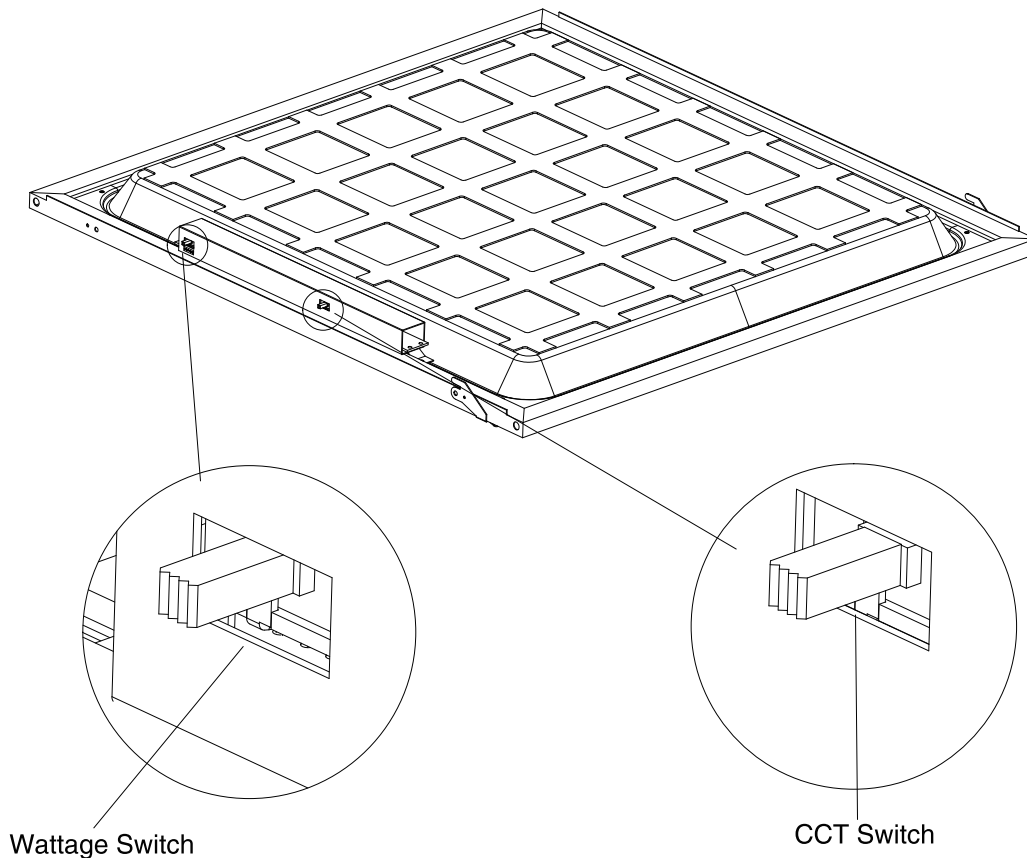
Step 2
Remove the cable that were secured on the back of the plate and insert the terminals into the approved sensor.

Step 3
Install the approved sensor and make sure it is securely fit.

General Wiring Diagram



Field-Adjustable Wattage & CCT



The end users may adjust the color temperature and lumen output respectively by the two DIP switches. CCT switch is accommodated with 5 CCT options (3000K, 3500K, 4000K, 5000K, 6500K), and Power switch is accommodated with 4 Power options. The switches can perform the desired color temperature and lumen output combination.

Select a wattage and color temperature by sliding switch left or right respectively to the desired value.

Default Setting: 1x4: 28W 4000K; 2x2: 30W, 4000K; 2x4: 34W, 4000K.