Installation Instruction

⚠ 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.

⚠ 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.

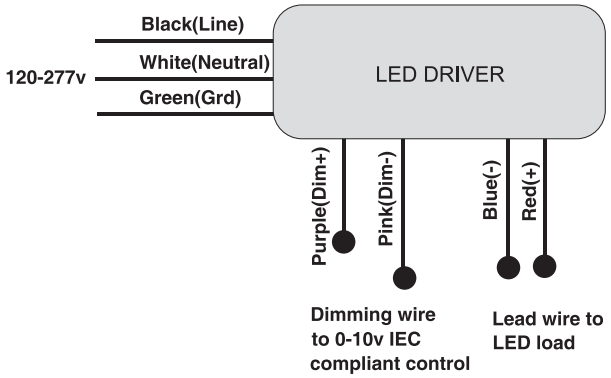
Risk of fire or electric shock. The electrical rating of these products are 120-277 Vac, the installer must determine whether they have 120-277 V at the luminaire before installation.
Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings.
Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.
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.

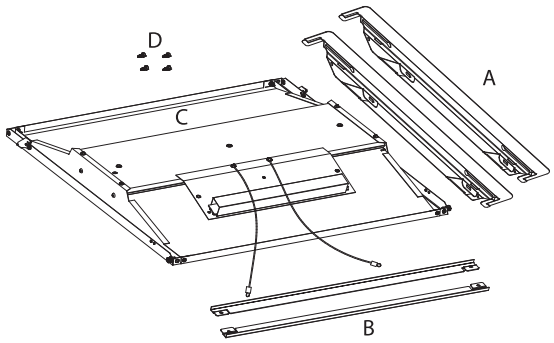
⚠ CAUTION

- 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 handing 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, Type IC

General Wiring Diagram





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

Installation Instruction

NOTICE:

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

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 305 mm by 100 mm high

Installation

Figure 1

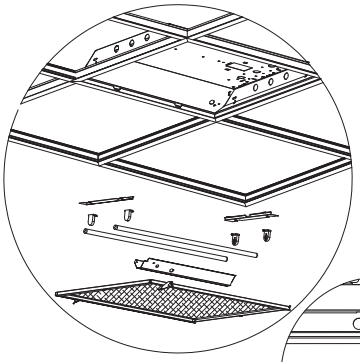


Figure 2

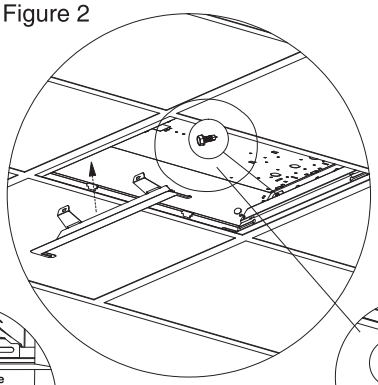
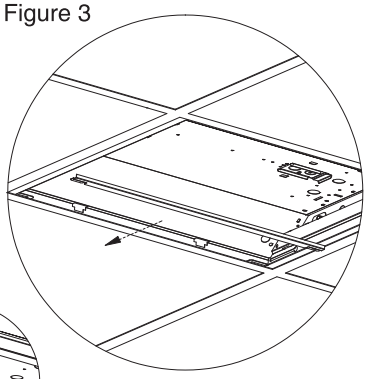


Figure 3



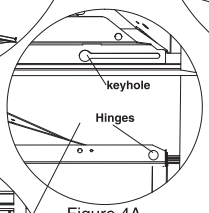


Figure 4A

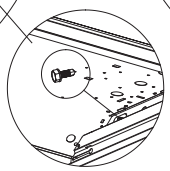


Figure 2A

Figure 4

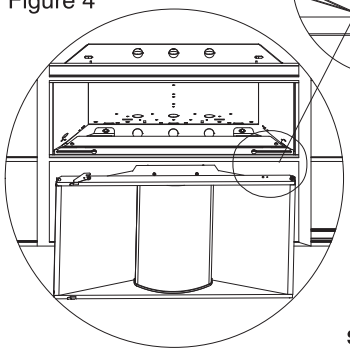


Figure 5

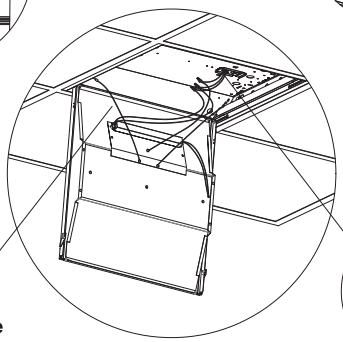
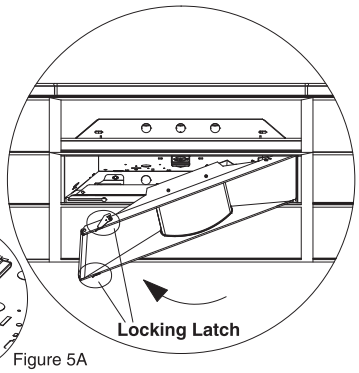


Figure 6



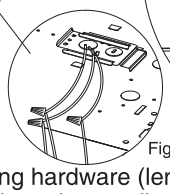


Figure 5A

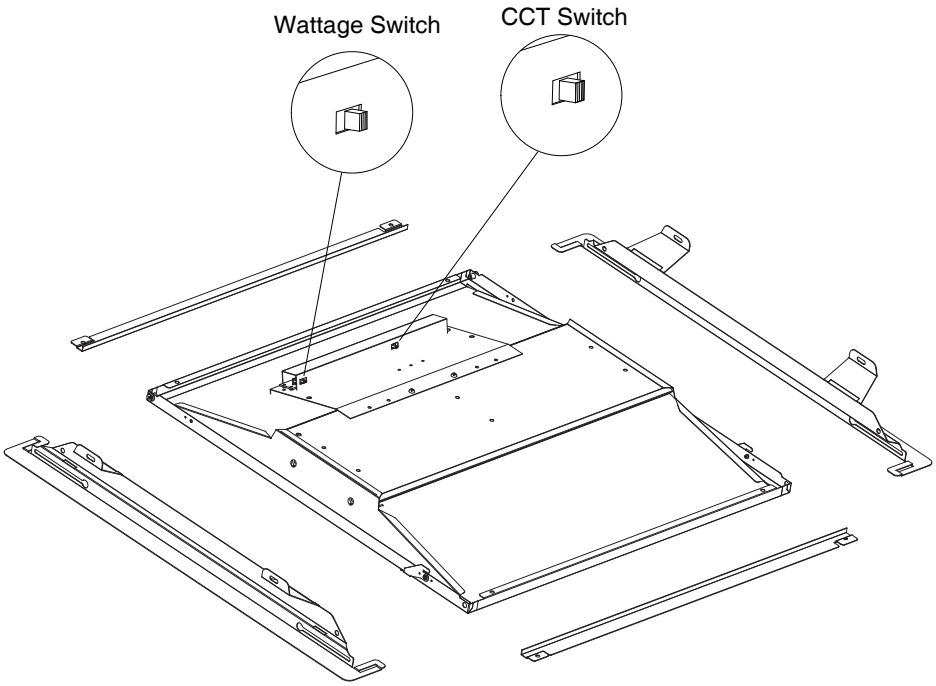
Safety cable

- 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.
- 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.2)
- Secure the LED panel brackets to the existing fixture using the provided #8x1/2” self-drilling screws. (Fig.3)
- 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.
- Use the provided wire caps to connect the wire leads of the troffer kits to the main power leads. (Black-Live, White-Neutral, Green-Grounding) (Fig.5)
- Secure the door assembly body by lock the latches riveted on each end of the assembled door frame. (Fig.6)

Installation Instruction

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.

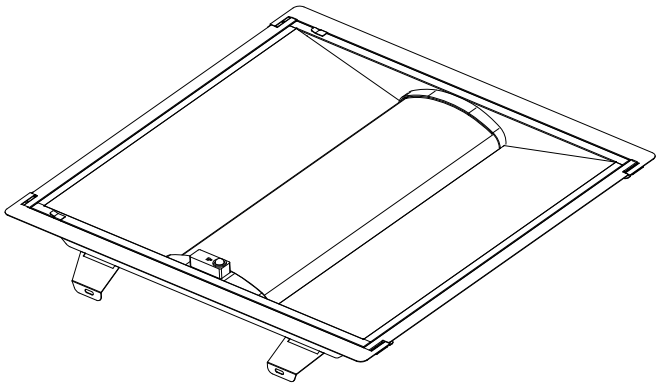
Installation Instruction

Additional Accessories

- DC Sensor

Installation steps：

1.Remove the sensor receptacle plug. (Fig. 1)
2.Plug sensor to the receptacle.(Fig. 2)
3.Rotate the sensor and align its edge to receptacle to ensure that it's installed securely.(Fig. 3 & Fig. 4)



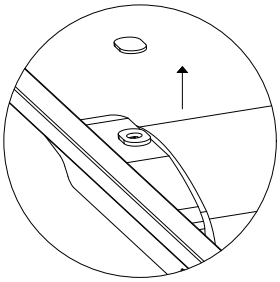


Fig. 1

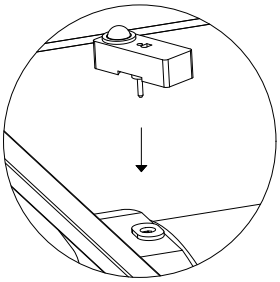


Fig. 2

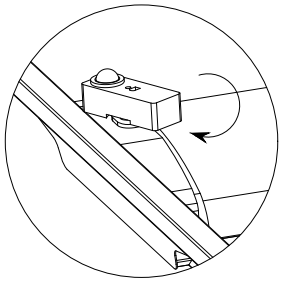


Fig. 3

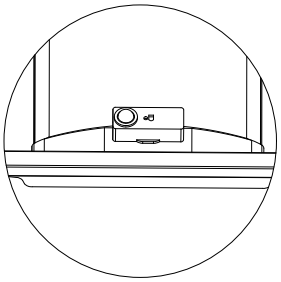


Fig. 4

General Wiring Diagram

