Installation Instruction - SE LED Panel Retrofit Kit

Warning, cautions and operating instructions

• 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: Risk of fire or electrical shock

• 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.

• Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.

• All wiring connections should be capped with UL approved wire connectors.

Caution: Risk of injury

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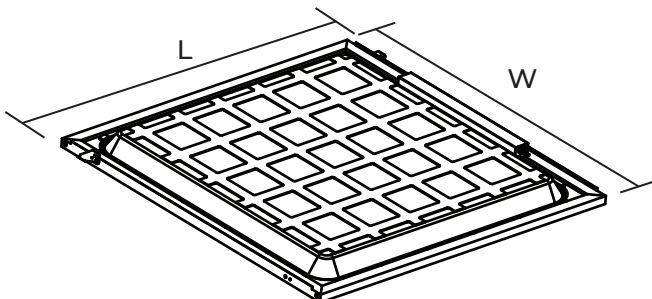
NOTICE: Green ground screw provided in proper location. Do not relocate.

NOTICE: Minimum 90°C supply conductors.

NOTICE: Specifications and dimensions subject to change without notice.

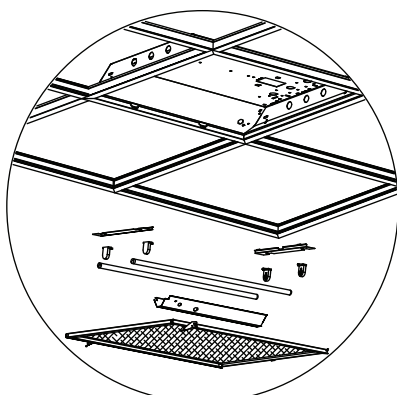NOTICE: Suitable for Dry or Damp location, Type IC.

Dimensions

Model	L	W	H
1'x4'	1216	302	56.6
2'x2'	606	606	56.6
2'x4'	1216	606	56.6

Installation Instruction - SE LED Panel Retrofit Kit

Wiring Diagram

Black(Line) ——————— | **LED DRIVER** | ——————— LED+
White(Neutral) ———————   ——————— LED-
Green(Ground) ———————   ——————— Dim+(Purple)
   ——————— Dim-(Pink)

Recessed Mounting

Step 1.

Before installation, disconnect all incoming power to the fixture. Remove existing hardware, including lenses, lens frame, parabolic louver, reflectors, ballast covers, brackets, and lamp/lampholders. Leave supply and grounding leads in place.

NOTE: Follow all federal and local regulations when disposing of lamps and removed components.
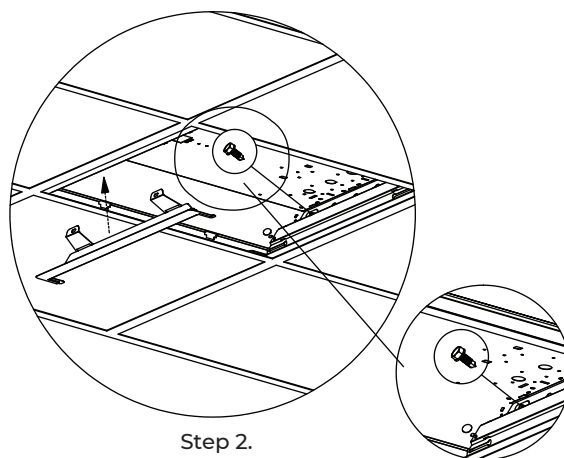
Step 2.

Install the LED panel end brackets on each end of the existing fixture by gently lifting the fixture and placing the brackets between the fixture and the T-grid. Secure the LED panel brackets to the existing fixture using the provided #8×1/2" self-drilling screws

Keyhole

Hinges

Locking Latch
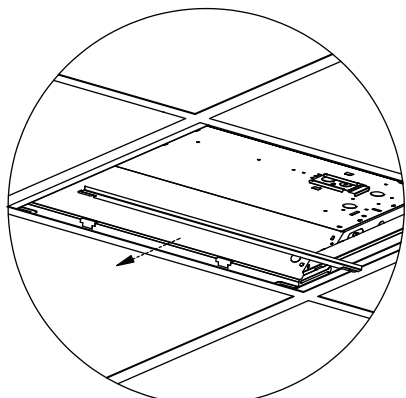
Step 3.

If there is an unsatisfactory gap between the fixture and the T-grid, you may install LED panel side brackets between them.
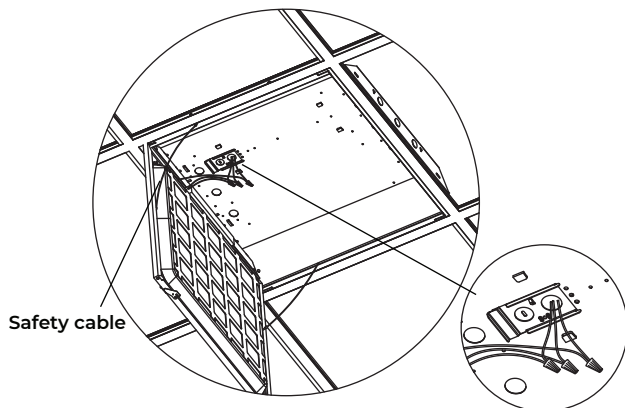Two tabs are provided to insert the side brackets into the slots of the end brackets.
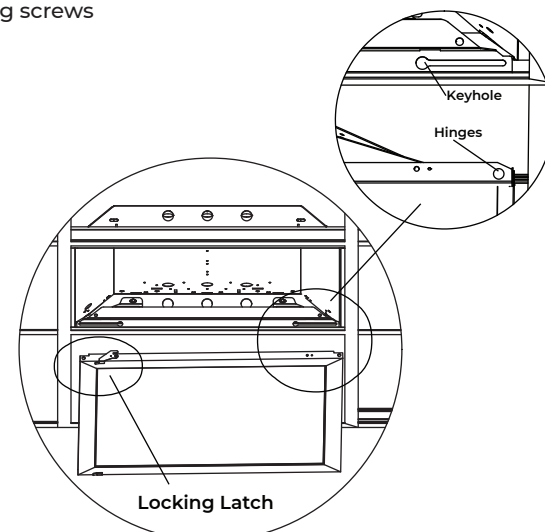
Step 4.

Latch the door assembly body onto the keyholes of the end brackets, then slide the door assembly horizontally to the end of the slots.

Installation Instruction - SE LED Panel Retrofit Kit
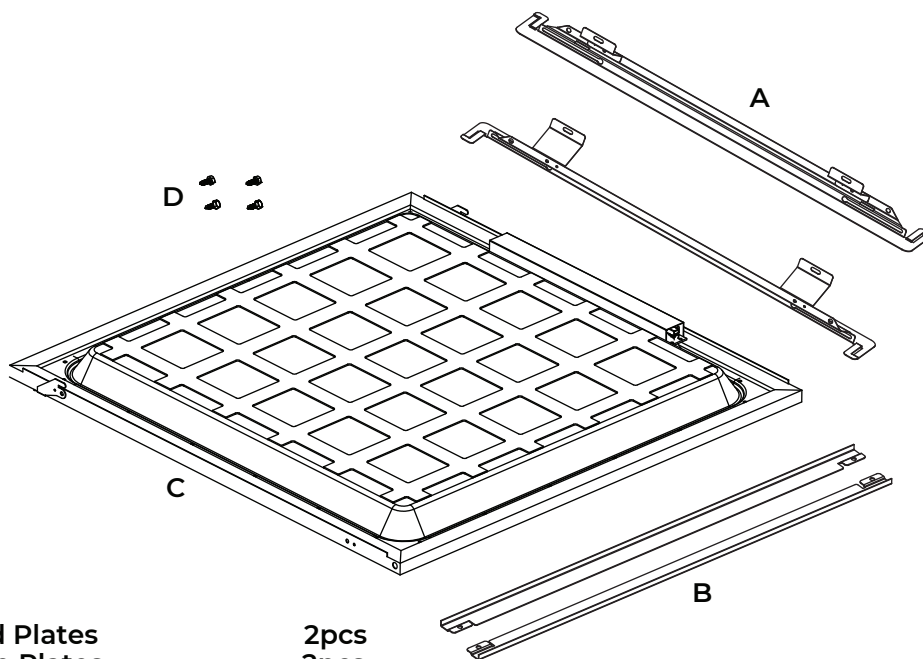
Step 5.

Step 6.

Safety cable

Hook the safety cables into the designated holes on the end brackets. Connect the panel kit wire leads to the main power leads:

Black – Live
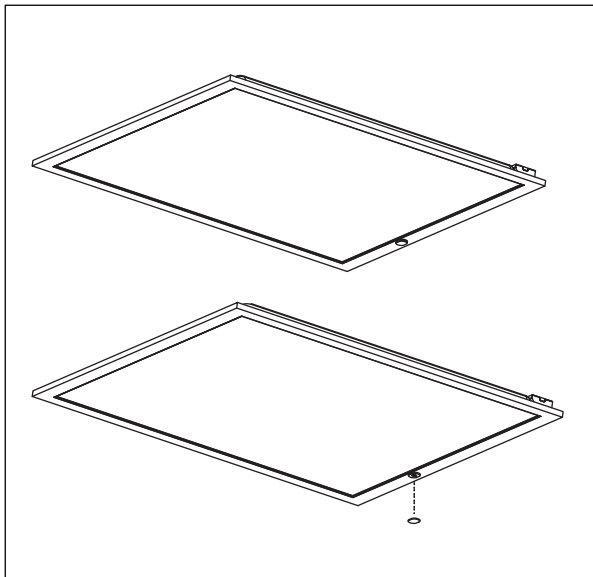White – Neutral
Green – Ground
Purple - Dim+
Pink - Dim-
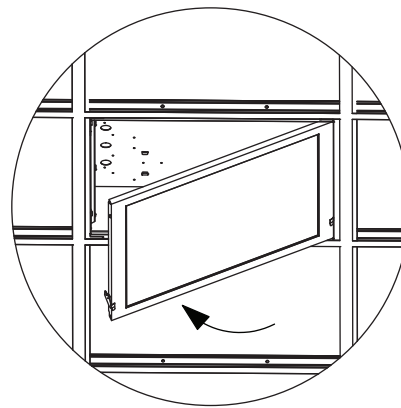
Secure the door assembly body by locking the latches riveted on each end of the assembled door frame.

A

D

C

B

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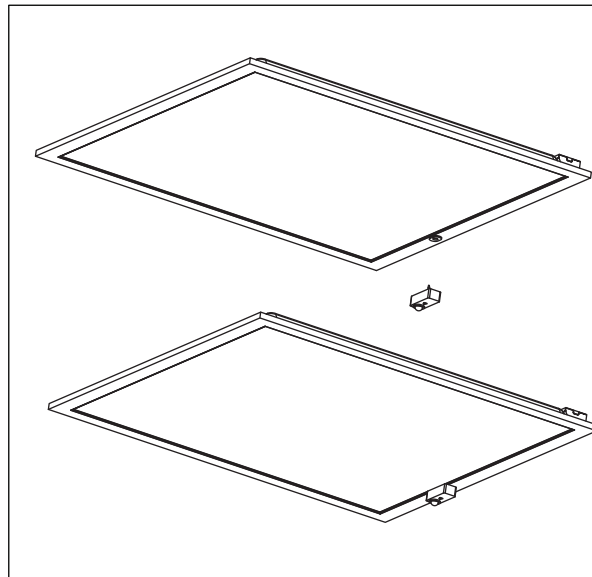**D: Self-tapping screws** 4pcs

Installation Instruction - SE LED Panel Retrofit Kit
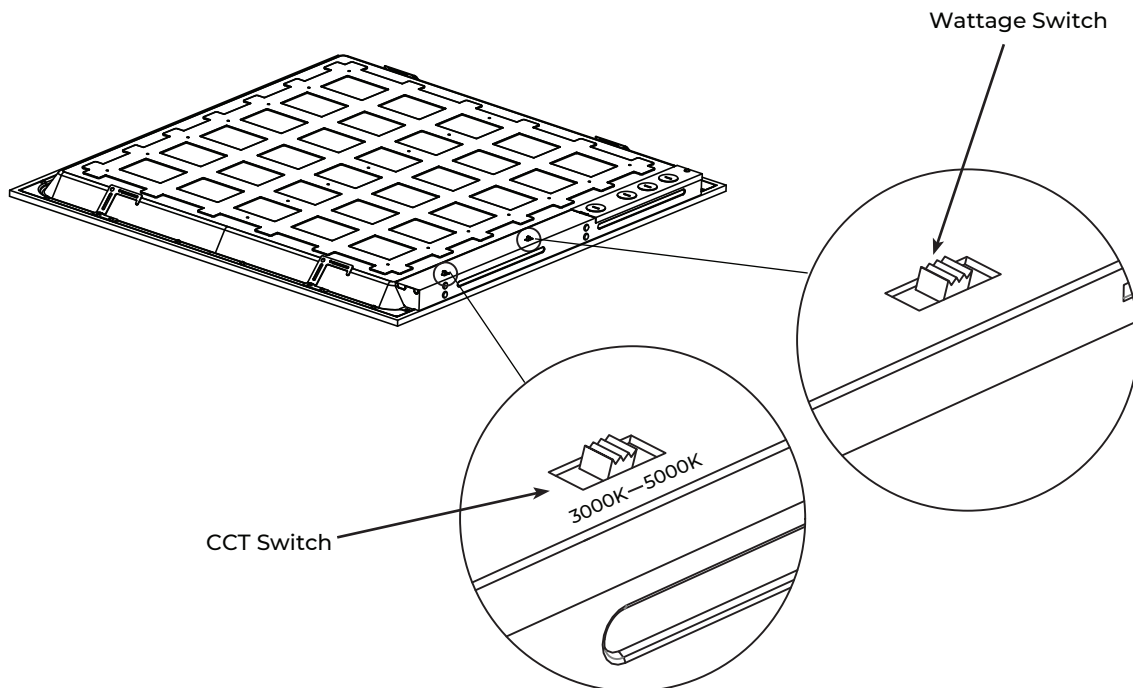
Sensor Mounting

Step 1.

Remove the rubber cover on the frame of the fixture if applicable.

Step 2.

Insert the sensor into the receptacle and rotate it until securely attached.

Field-Adjust Power and CCT

Wattage Switch

3000K~5000K

CCT Switch

End users can adjust the color temperature and wattage using the two switches located on the driver.
Each switch offers multiple positions, corresponding to different color temperatures and wattage options.
These settings allow for customized combinations of color temperature and light output.

1. The switches are located on the driver enclosure.
2. Select the desired wattage and color temperature by sliding the switches left, middle, or right accordingly.