

12509 INSTALLATION INSTRUCTIONS

⚠ 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 handing fixture.

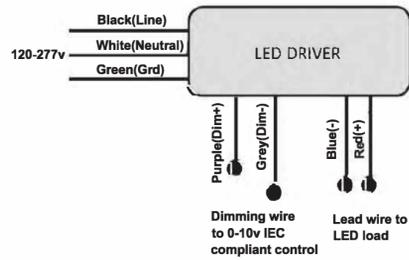
NOTICE: Green ground screw provided in proper location. Do not relocate.

NOTICE: Minimum 90° supply conductors.

NOTICE: Specifications and dimensions subject to change without notice.

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

General Wiring Diagram



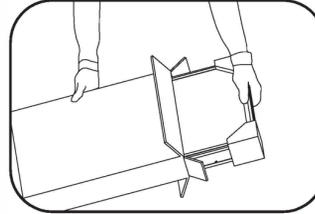
WARNING: RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

INSTRUCTIONS:

Always turn off the power supply from main circuit breaker first!

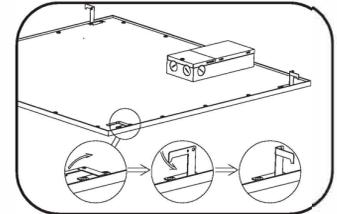
• Recessed Mounting

Figure 1



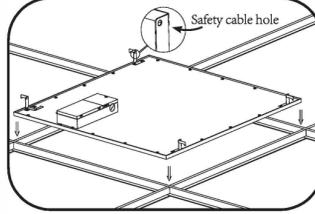
Carefully unpack unit and properly inspect for defects before installing. Wear work gloves to prevent dirt and oil from being transferred to the luminaire. If cleaning is needed, use gloves and a dry cotton cloth. It is not recommended to use hazardous chemicals.

Figure 2



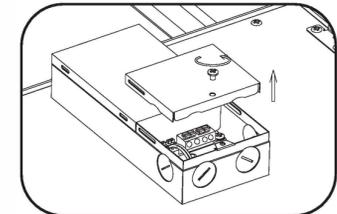
Lift up four mounting clips on the sides of the luminaire. You can do it by hand (Do wear work gloves) or use pliers

Figure 3



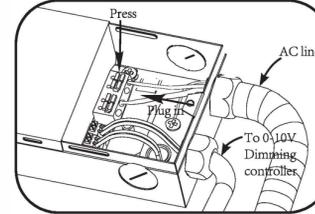
Insert luminaire into T-bar ceiling grid. Secure safety cable to connection hole as needed to meet local seismic requirements. Safety cable and method of attachment to the building provided by contractor according to local building codes.

Figure 4



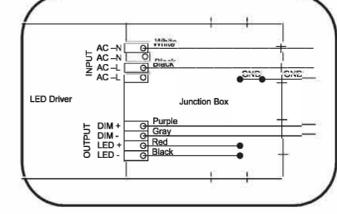
Remove electrical enclosure cover. Carefully remove knockout for AC line input wires and 0-10V control line. Install listed electrical fittings in the knockout holes for wire protection if needed.

Figure 5



Plug in AC line (L and N and GND) to the LED Driver using 18-14AWG Wire. When connecting 0-10V dimming controller, wires must run through a separate knockout hole equipped with an appropriate electrical fitting.

Figure 6



Follow wire connection instructions. When using the 0-10V dimming controller Run wires from controller through a different knockout than the AC input wire. Don't forget to return the electrical enclosure cover and tighten the screws.

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• Cable Suspended Mounting

Figure 1

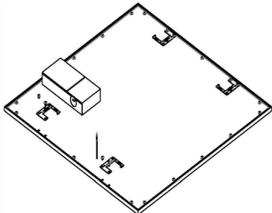


Figure 2

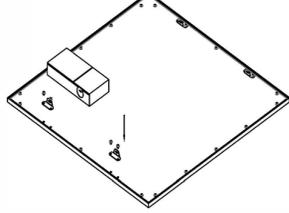
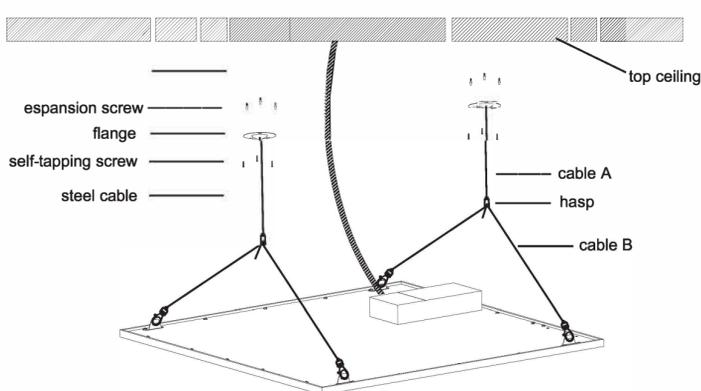


Figure 3



Installation Steps:

- Step 1: Replace the existing earthquake tabs with the provided brackets which are used for fixing adjustable cables.
- Step 2: Pull the end cap of cable A through the provided flange and make sure the end cap positioned in the flange. Fix the flanges onto the ceiling by the self-tapping screws.
- Step 3: Insert the end of cable A into the hasp attached to the cable B. then adjust the cable A to be desired height and adjust the cable B to the desired angles.
- Step 4: Hook the luminaire up to the hooks attached to the other end of cable B and make a final adjustments.
- Step 5: Connect LED driver to AC mains power.

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• Surface Mounting Kit

Figure 1

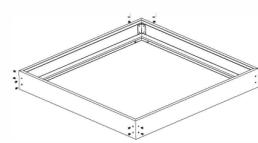


Figure 2

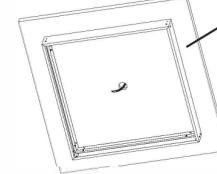


Figure 3

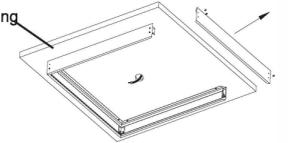


Figure 4

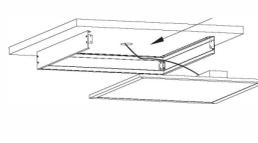
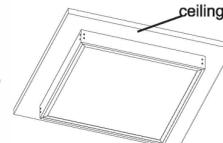


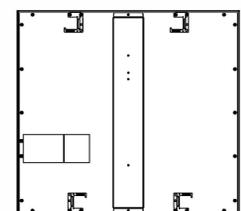
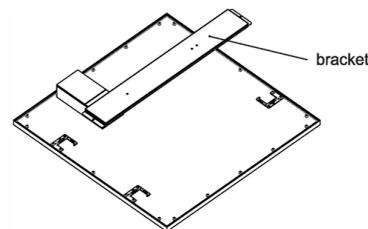
Figure 5



Installation Steps:

- Step 1: Assemble the mounting frame with the screws and the connection plate (see Fig1)
- Step 2: Mount the frame on the ceiling with screws. Make sure that the wire is long enough for Step 4 (see Fig2)
- Step 3: After mounting the frame on ceiling, remove one side of the mounting frame (see Fig3)
- Step 4: Connect the wires from mains to the LED driver, then slide in the LED panel unit to the frame (see Fig4)
- Step 5: Put the removed side frame back (see Fig5)

• Optional for Emergency Battery Back-up Mounting Bracket



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