



Starco Lighting Inc  
2495 Main Street, Suite#218 Buffalo NY 14214  
info@starcous.com 716-931-9322

## Installation Instruction - SE LED Panel

### 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 handling fixture.

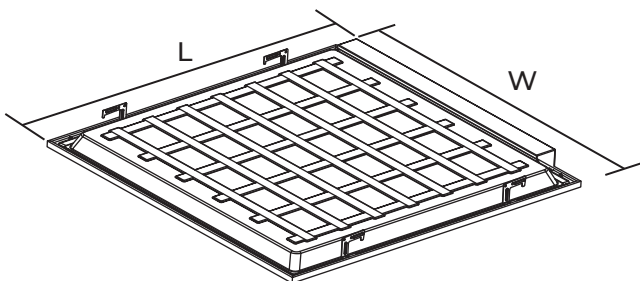
NOTICE: Green ground screw provided in proper location. Do not relocate.

NOTICE: Minimum 90°C supply conductors.

NOTICE: Specifications and dimensions subject to change without notice.

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

## Dimensions



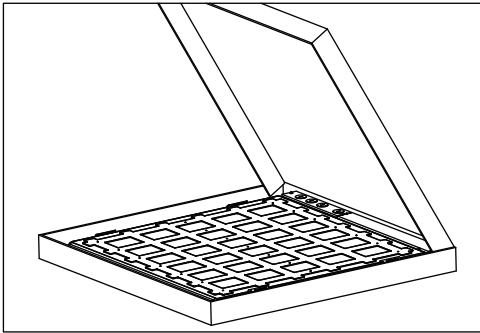
Model	L	W	H
1'x4'	1213	303	43
2'x2'	603	603	43
2'x4'	1213	603	43

## Installation Instruction - SE LED Panel

### Wiring Diagram



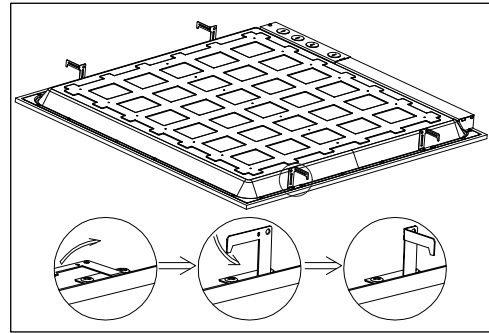
### Recessed Mounting



Step 1.

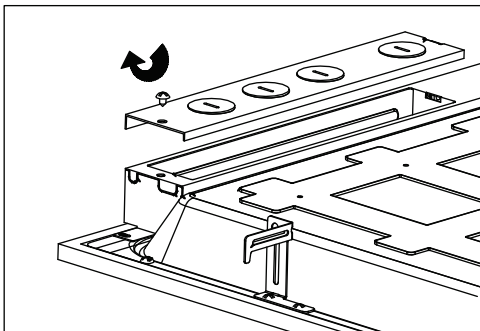
Carefully unpack the unit and inspect it for any damage before installation. To avoid transferring dirt or oil to the fixture, wear clean work gloves.

If cleaning is necessary, use isopropyl alcohol or a dry, lint-free cloth. Avoid using harsh chemicals.



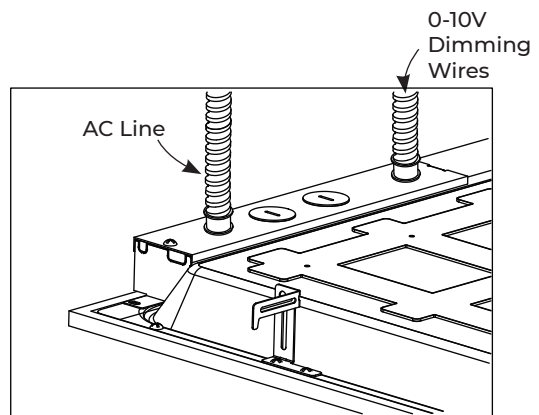
Step 2.

Lift up the mounting clips on the sides of the luminaire. You can do this by hand or use work gloves for extra grip.



Step 3.

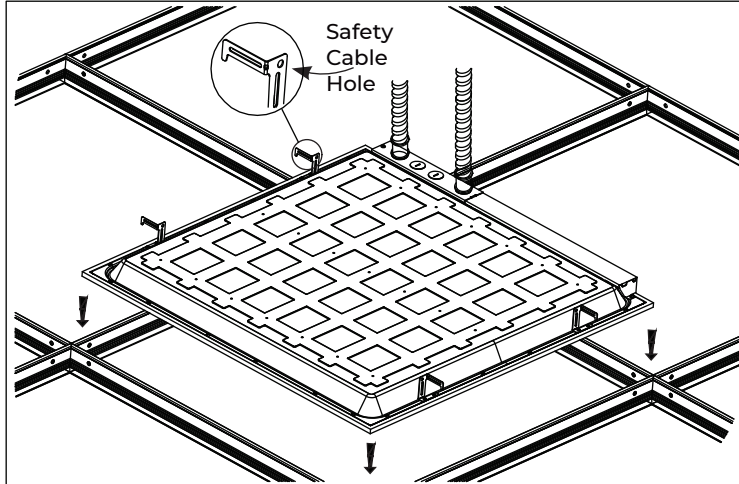
Remove the driver enclosure top cover. Carefully remove the knockout for the input wires and 0-10V control line. Install listed electrical fittings in the knockout holes if wire protection is needed.



Step 4.

Connect AC (Line, Neutral, Ground) to the LED driver using 18-14 AWG wire. When connecting a 0-10V dimming controller, ensure the wires pass through separate knockouts equipped with appropriate electrical fittings.

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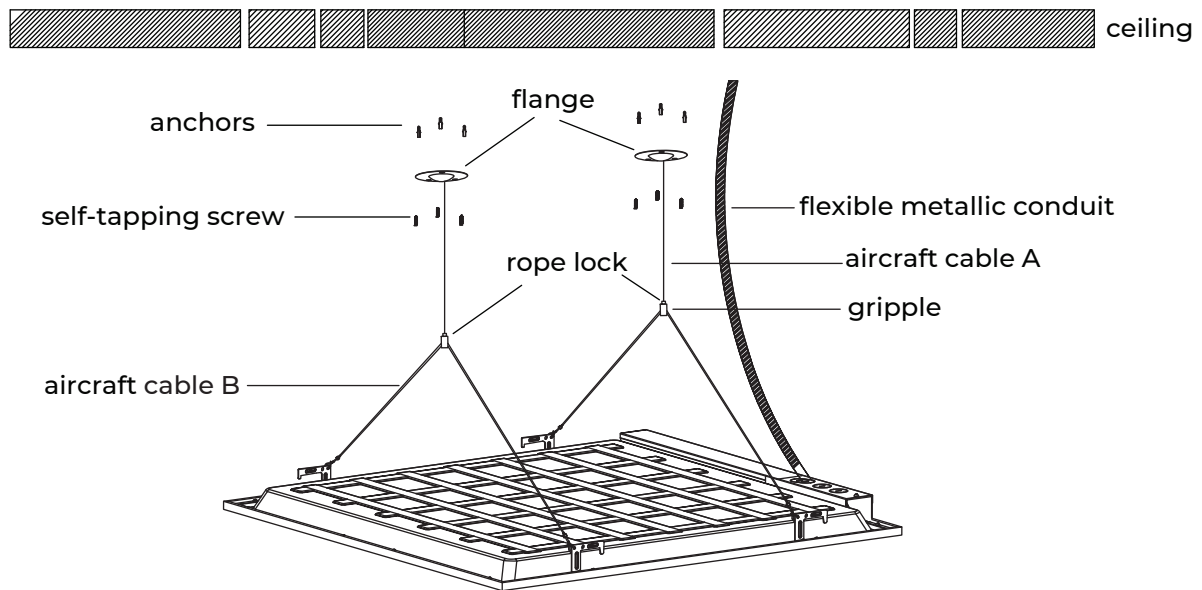
### Step 5.

Follow wiring instructions. When using a 0-10V dimming controller, run wires from the controller through a different knockout than the AC input wire. Reinstall the electrical enclosure cover and tighten the screw.

Insert the luminaire into the T-bar ceiling grid. Secure the safety cable to the connection hole as required to meet local seismic codes.

The safety cable and its attachment to the building must be provided by the contractor in accordance with local building codes.

## Suspended Mounting



Step 1: Pull the sleeve on the end of aircraft cable A through the provided flange. Ensure the end cap is properly positioned in the flange. Secure the flanges to the ceiling using the self-tapping screws.

Step 2: Insert the end of aircraft cable A into the wire rope gripper attached to aircraft cable B. Adjust aircraft cable A to the desired height by pressing the wire lock, and adjust aircraft cable B to achieve the desired angle.

Step 3: Hook the luminaire onto the swivel lobster clasp connected to both ends of aircraft cable B. Make final adjustments as needed.

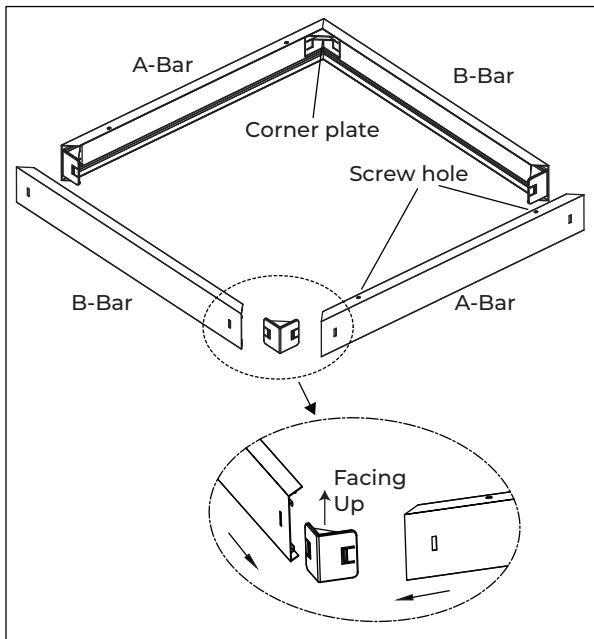
Step 4: Connect the LED driver to the AC main power and 0-10V dimming wires if applicable.

## Installation Instruction - SE LED Panel

### Surface Mounting

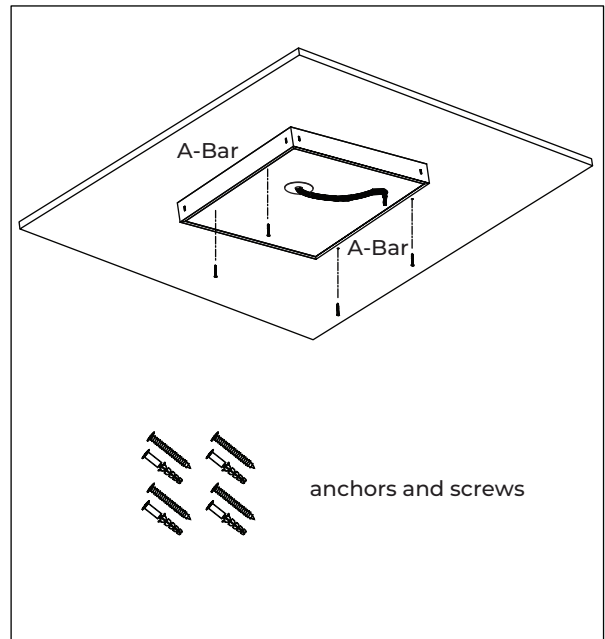
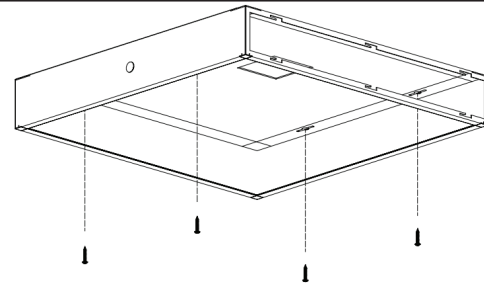
#### SE-SMK

Surface Mounting Kit is required to complete installation.



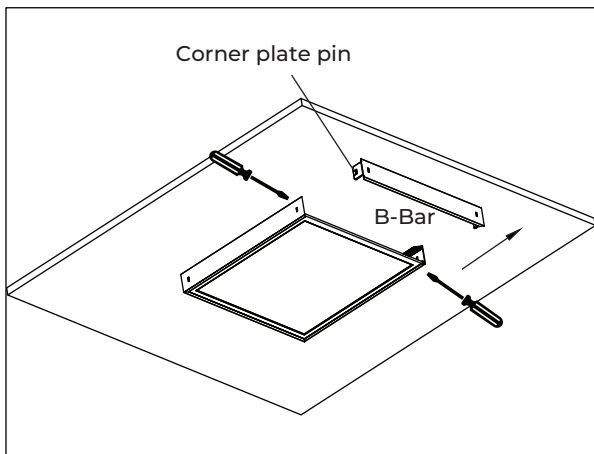
Step 1.

Connect the A-Bar and B-Bar frames using the corner plates to assemble the entire surface mount frame.  
Note: The corner plates should be properly installed with the slotted plate aligned to the upper surface of the frame.



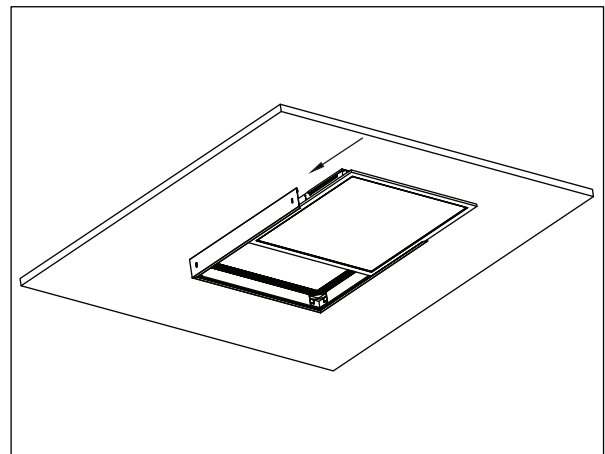
Step 2.

Align the frames as a positioning guide to the ceiling, mark the screw holes, and securely fasten the frame to the ceiling.



Step 3.

Remove one piece of B-Bar frame by pushing the corner plate pin using a screw driver.

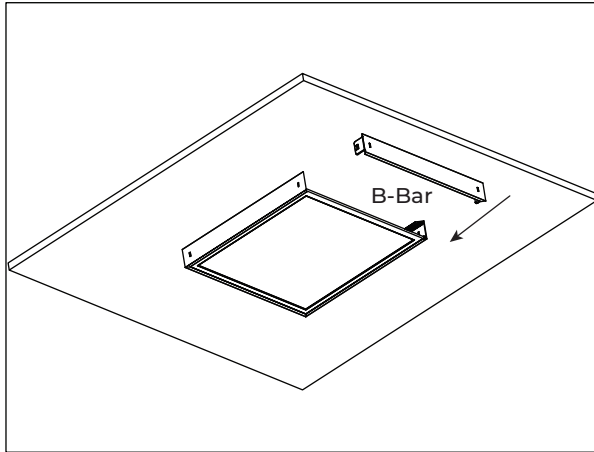


Step 3.

Connect the main power and dimming wires if applicable to the light according to local codes. Then slide the light fixture into the frame.

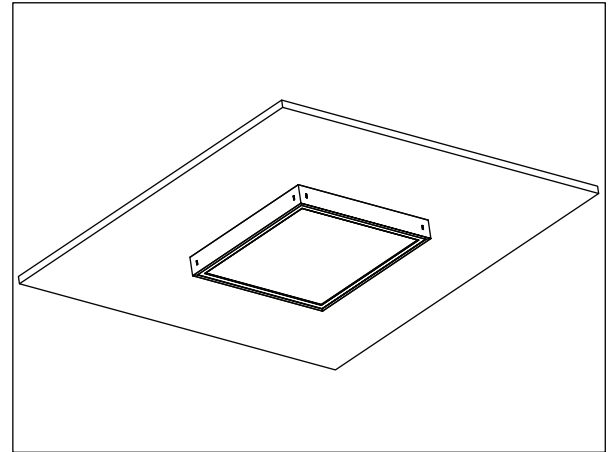
## Installation Instruction - SE LED Panel

### Surface Mounting



Step 5.

Align the B-Bar frame into the slot, ensuring it is securely locked with the corner plate.



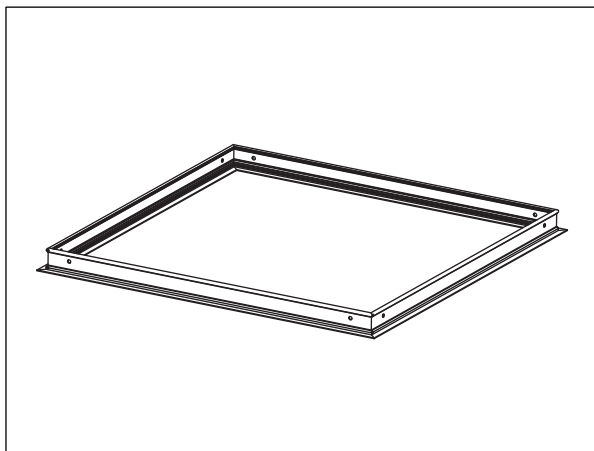
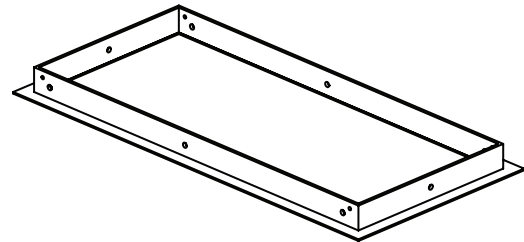
Step 6.

Installation is complete.

### Drywall Mounting

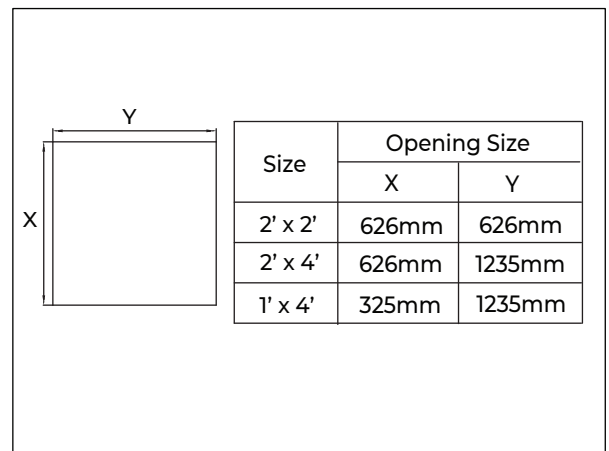
#### SE-DMK

Drywall Mounting Kit is required to complete installation.



Step 1.

Assemble the frames using screws (included).

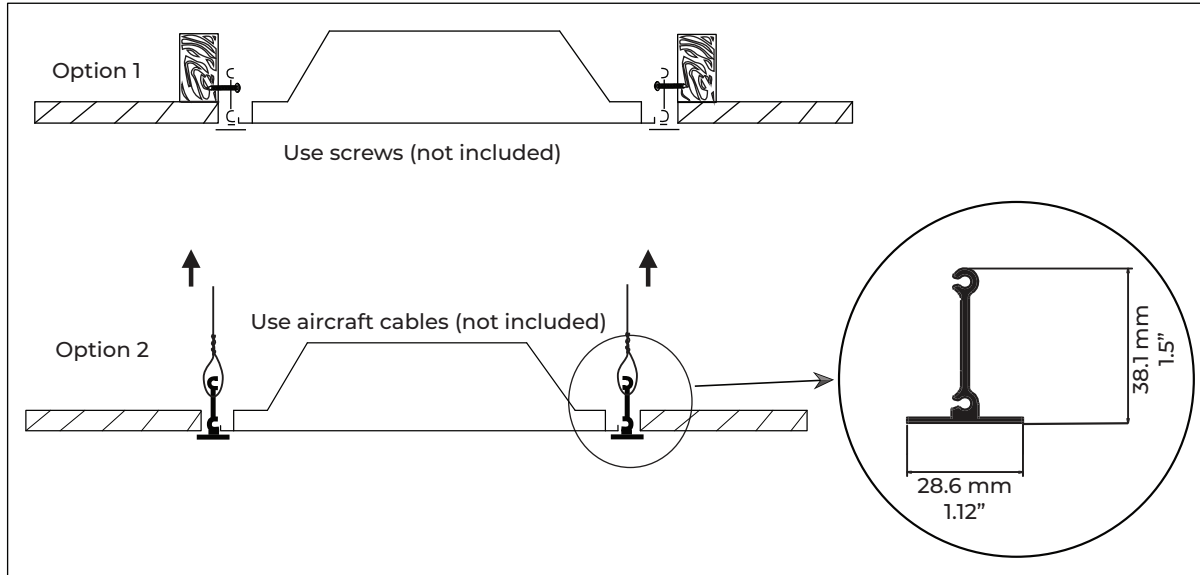


Step 2.

Cut out an opening according to the dimension table.

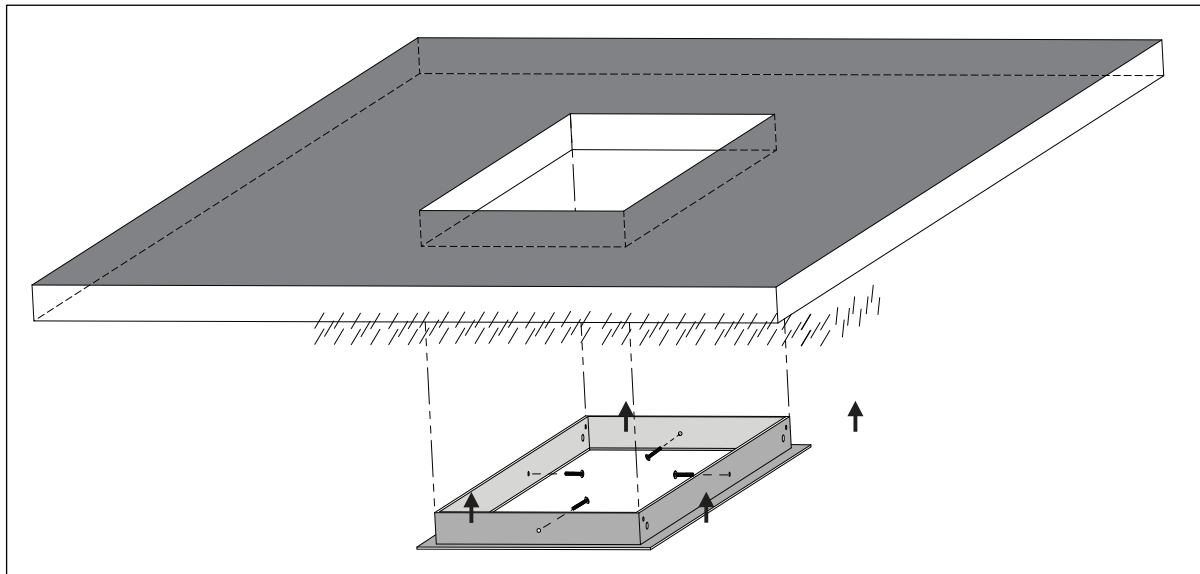
## Installation Instruction - SE LED Panel

### Surface Mounting



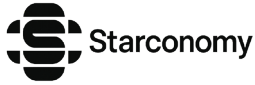
Step 3.

Choose using screws or aircraft cables to mount the kit and fixture.



Step 4.

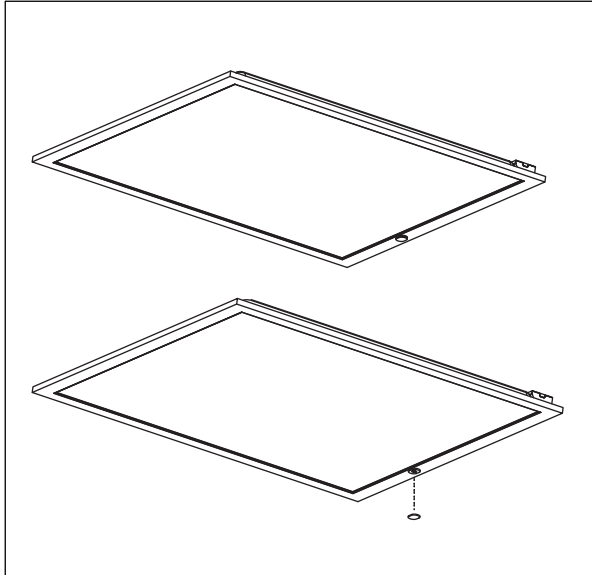
Place the kit into the ceiling opening and secure it using screws.



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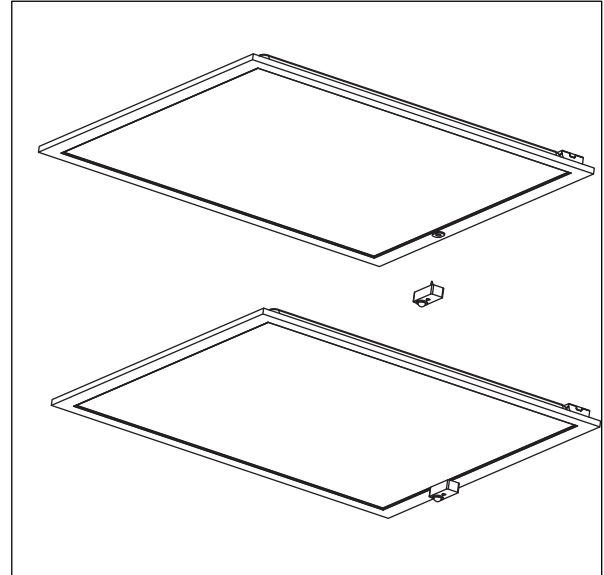
## Installation Instruction - SE LED Panel

### Sensor Mounting



Step 1.

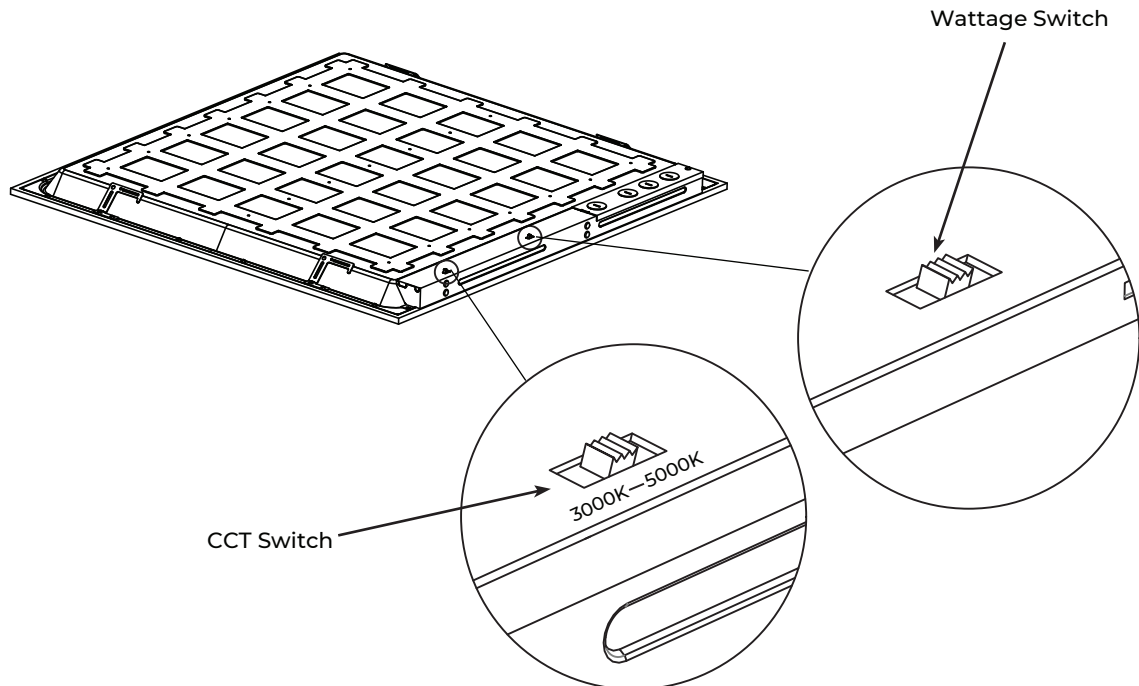
Remove the rubber cover on the frame of the fixture if applicable.



Step 2.

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

### Field-Adjust Power and CCT



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.