

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/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

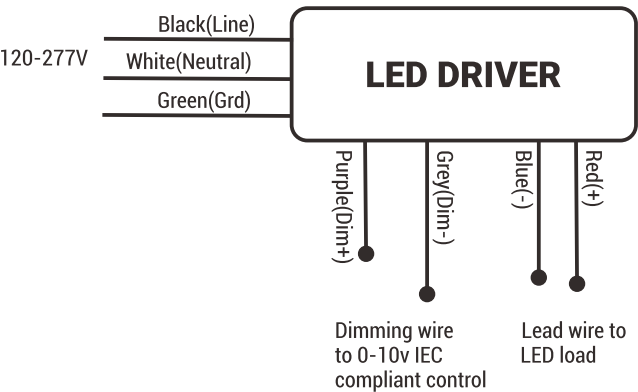
- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL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



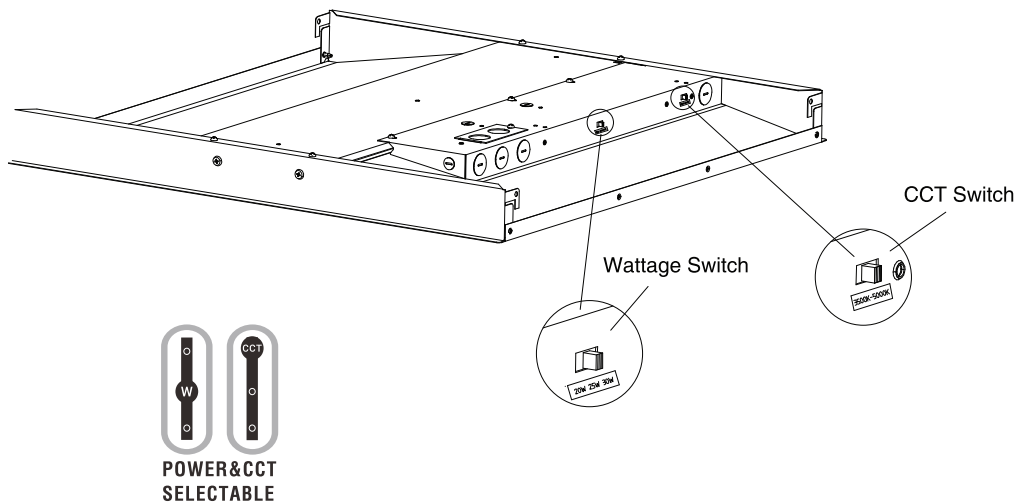
Warning:

All units must be individually connected to the AC Supply. Select appropriate access point for your installation, remove knockout, and feed power leads through hole. Connect the supply wire from the source to the driver.

Black = Line White = Neutral Green = Ground
**Consult with dimmer control manufacturer's wiring instructions.

Operating Characteristic
Voltage input: 120-277V 50/60 Hz
Operating temp: -40°F (-40°C) to 122°F (50°C)
**Consult with dimmer control manufacturer's wiring instructions.

Field-Adjustable Wattage & CCT



The end users may adjust the color temperature and lumen output respectively by the two DIP switch buttons integrated into the driver. Each DIP switch is accommodated with 3 options (left, middle and right), corresponding to 3 color temperatures and 3 power respectively, which can perform the desired color temperature and lumen output combination.

Installation Instruction

INSTRUCTIONS:

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

Figure 1

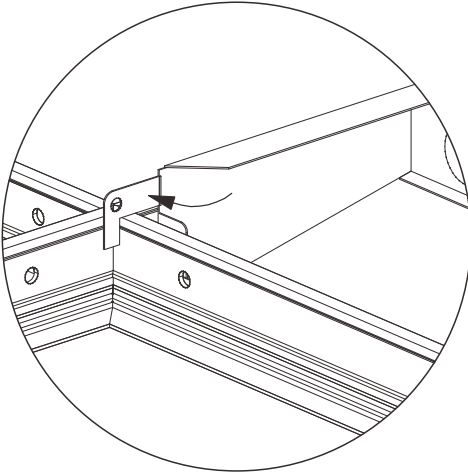


Figure 2

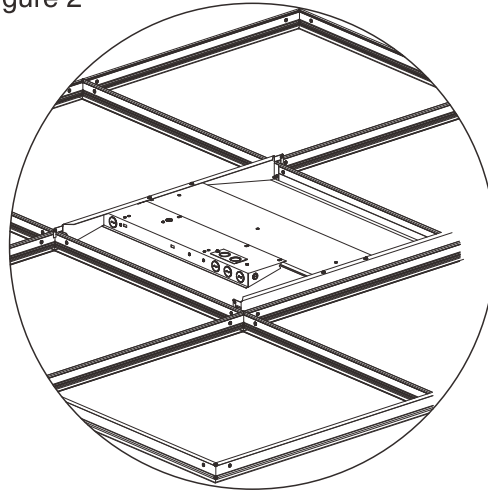


Figure 3

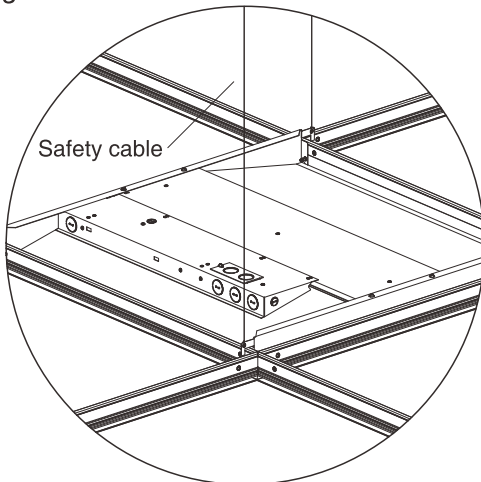
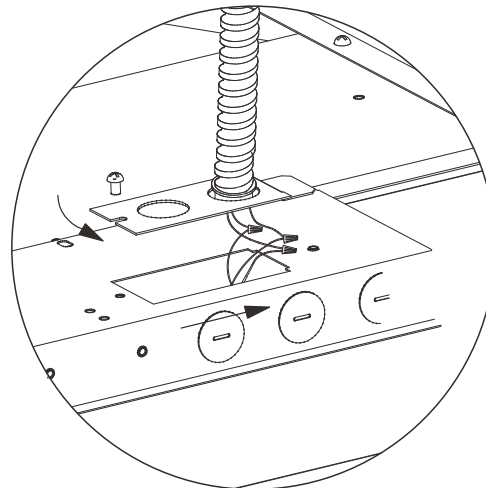


Figure 4



Installation Steps:

Figure 1: Bend out mounting tab 90 degrees on each corner.

Figure 2: Lay fixture into T-gird grid.

Figure 3: Use hanger wire to tie off appropriately in accordance with local building code.

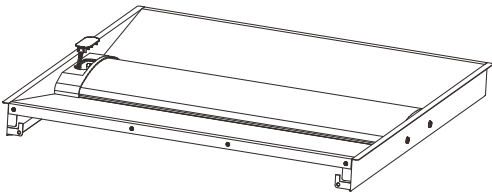
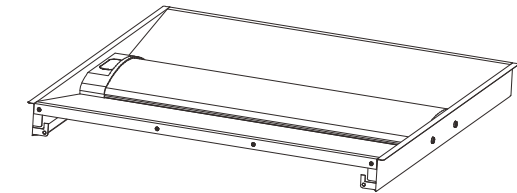
Figure 4: Install conduit containing the line, neutral, and ground conductors to the knockout of the cover plate. Make all electrical connections to the fixture. Attach the wiring access cover plate.

Installation Instruction

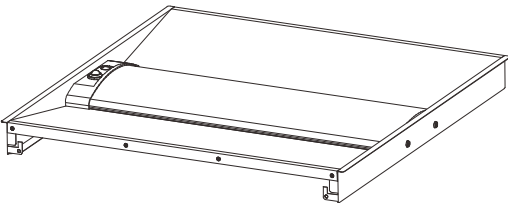
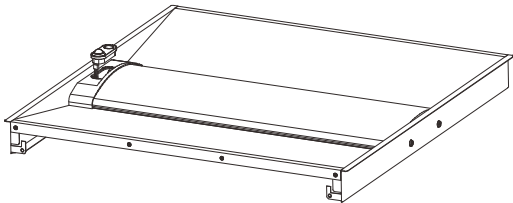
Additional Accessories

IFS108

U-Smart bracket is shipped with a U-shaped plate covering the sensor hole. There is a flexible flat cable with terminals secured to the back of the plate. The contacts of the terminals correspond to the wires of the sensor one by one. U-Smart bracket is shipped with every fixture.



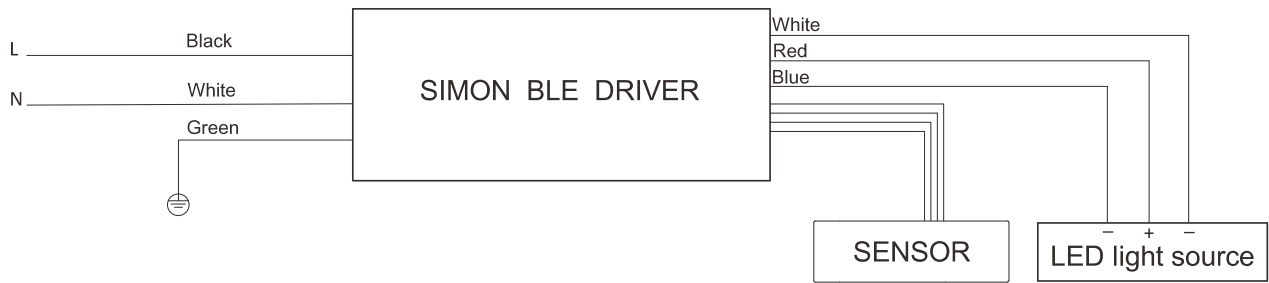
Step 1
Remove the plate before or after you install the fixture in the ceiling.



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

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

General Wiring Diagram



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