

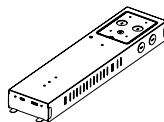
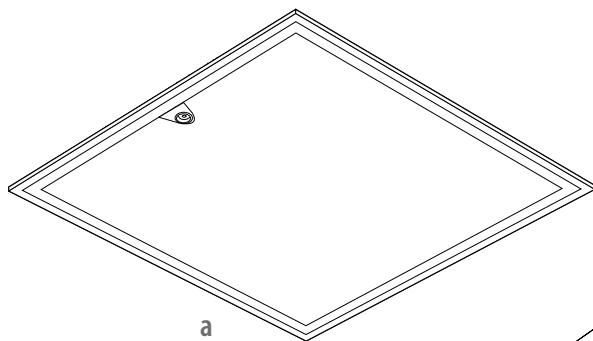
# LITE<sup>®</sup>TRONICS

## LED High Ceiling Panel

**Watt and CCT Selectable with Sensor Socket**

### Installation Instructions

HOPT\*S Series | 2' x 2', & 2' x 4'



#### WHAT COMES IN THE BOX

- (a) LED High Ceiling Panel
- (b) Driver box
- (c) Wire Nut (x5)
- (d) Installation Instructions
- (e) Screw (x2)

#### TOOLS NEEDED

- Wire Stripper
- Wire Cutter
- Phillips Screwdriver

#### SAFETY INSTRUCTIONS AND WARNINGS

**WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE OBSERVED.**

**READ AND FOLLOW ALL SAFETY INSTRUCTIONS.**

- Litetronics fixtures must be wired in accordance with the National Electrical Code and all applicable local codes.
- Risk of fire or electric shock. High Ceiling Panel installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Be certain electrical power is OFF before and during installation and maintenance.
- High Ceiling Panel must be connected to a wiring system with an equipment - grounding conductor.
- Make sure the supply voltage is the same as the rated luminaire voltage.
- Only the open holes indicated in the photographs and/or drawings may be made or altered as a result of this kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or sharp objects. No user serviceable parts inside of High Ceiling Panel.
- Suitable for damp locations.
- Suitable for 9/16" or 15/16" FlatTee Grid in both insulated ceilings and non-insulated ceilings. Access above ceiling required.
- Vapor barrier must be suitable for 90° C.
- Fixture to be independently supported to building structure.

# INSTALLATION PROCEDURE

## READ ALL INSTRUCTION BEFORE BEGINNING INSTALLATION

Unbox and inspect the High Ceiling Panel to understand its components.

- If 0-10V dimming is required, see **WIRING FOR DIMMING** steps.

**Before starting installation, turn off power at circuit breaker.**

### A. FIXTURE CCT & WATT SETUP

1. Locate the adjustable wattage and CCT slide switches on the side of the driver and set to the desired wattage and CCT. See slide switch settings below.

MODEL	WATTS	DEFAULT WATTS	CCT(K)	DEFAULT CCT(K)
HOPT25	215W   170W   150W   120W   100W   80W	215W	5000K   4000K	5000K
HOPT45	325W   290W   260W   180W   145W   105W	325W	5000K   4000K	5000K

### B. INSTALLING DRIVER

2. For **Driver Box Assembling** see following page for steps. Connect the driver to panel with quick plug connectors on desk or floor, see **Step 1**.
3. Push the driver into the slot position and tighten the screws, see **Steps 2 and 3**.

### C. INSTALLING FIXTURE

4. Turn off power at the electrical panel.
5. Before installing, locate the grid clips on your panel; bend them up and out so they can rest on top of the grid.
6. Unscrew and remove the driver cover to access the input wires, ground and dimming wires.
7. Remove the ceiling tile or existing fixture from the grid ceiling space.
8. Tilt and raise the panel up into the empty grid space, then lower until the grid clips catch on the tee-grid bar. Attach the panel to the building with support wires (not included) using the hole in the grid clip.
9. Remove one conduit knock-out from the driver, then run branch power wire from the conduit to the driver.

### B. WIRING FIXTURE

10. Make wiring connections using wire nuts. Follow steps for wiring and diagrams (Figure 1 and Figure 2).

- a. Connect the live power (black) line to ACL (Black)
- b. Connect the neutral(white) line to ACN (White)
- c. Connect the green ground line to GND (Green)

11. Close the driver cover and secure it with the screw.

12. Restore power, installation is complete.

### B. WIRING FOR DIAGRAM

1. If 0-10V dimming is required, connect incoming dimming lines from dimmer to the Driver DIM+ (Purple) and DIM- (Gray/Pink) wires via quick connectors.

**Note:** If sensor (optional) is required, then use these compatible sensors SC005, SC006, SC008 (sold separately).

Figure 1

#### 120V & 277V

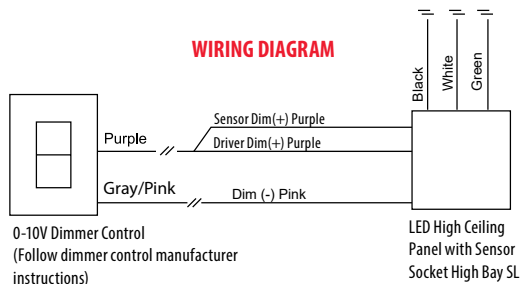
GROUND	GREEN
NEUTRAL	WHITE
LINE (HOT)	BLACK

Figure 2

#### 208V

GROUND	GREEN
LINE 1 (HOT)	WHITE
LINE 2 (HOT)	BLACK

#### WIRING DIAGRAM

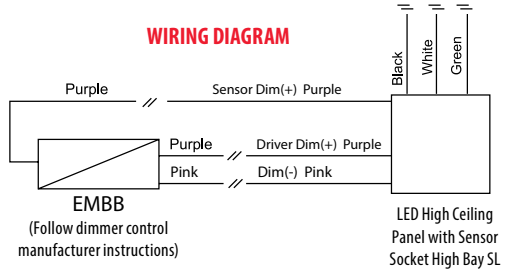


# INSTALLATION PROCEDURE

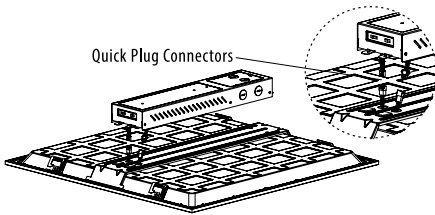
2. If EMBB and Sensor are required, connect the Sensor DIM+ (Purple) wire to the EM DIM+ (Sensor), connect the Driver DIM+ (Purple) wire to the EM DIM+ (Driver), and connect the Driver DIM- (Pink) wire to the EM DIM- (Driver).

*follow the Emergency LED driver manufacturer instructions.*

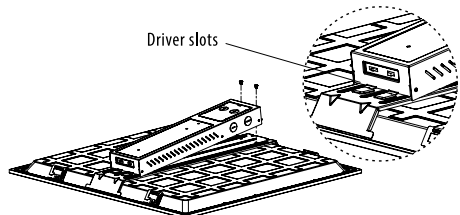
## WIRING DIAGRAM



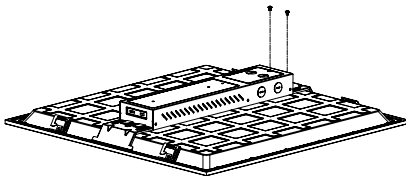
## DRIVER BOX ASSEMBLY



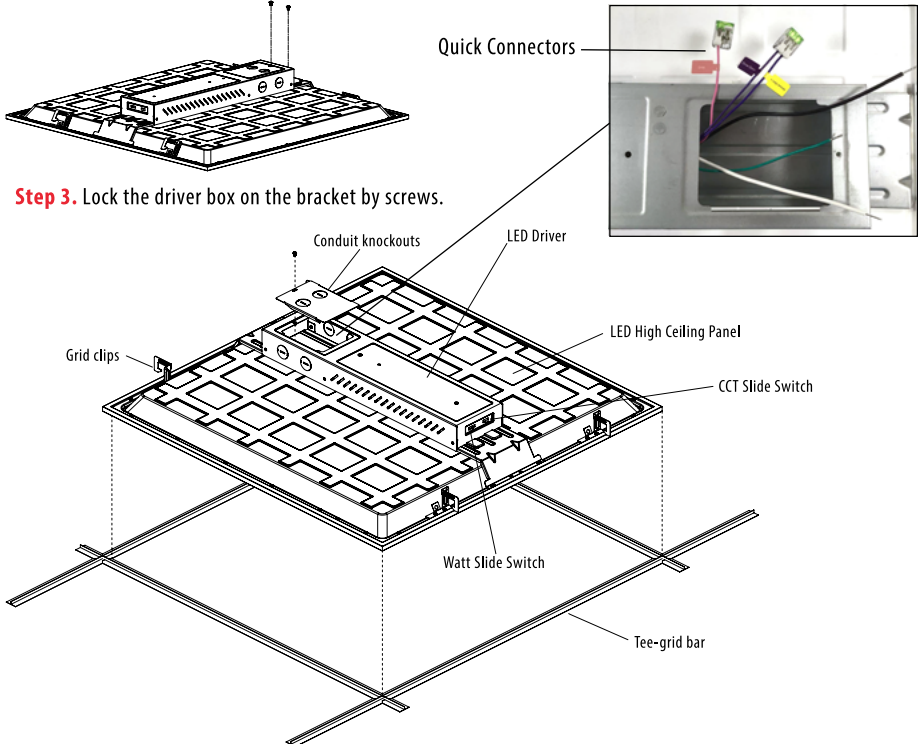
- Step 1.** Connect the driver to the panel with quick plug connectors.

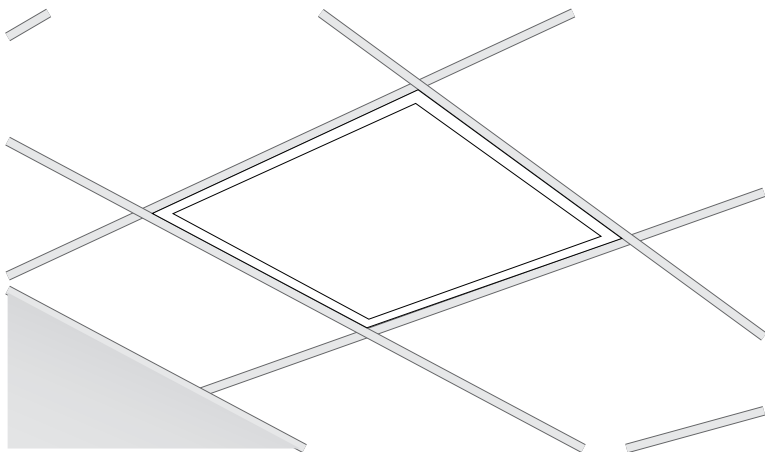


- Step 2.** Push the driver into the slot position.



- Step 3.** Lock the driver box on the bracket by screws.





Thank you for choosing

**LITETRONICS®**

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