

LITETRONICS®

LED Light Panel Retrofit

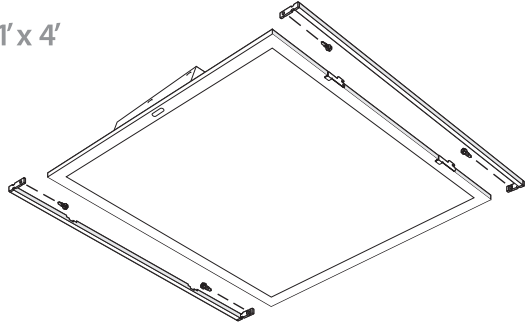
Watt and CCT Selectable with Sensor Socket

Installation Instructions

PRTXS-Series | 2'x 2', 2'x 4' & 1'x 4'

WHAT COMES IN THE BOX

LED Light Panel Retrofit panel (1)	Safety cables (2)
Mounting rails (2)	Quick Connect (1)
Wire nuts (1)	Luminaire label (1)
Self tapping screws (6)	
Installation Instructions (1)	



TOOLS NEEDED

Screwdriver or power drill

SAFETY INSTRUCTIONS AND WARNINGS

WARNINGS

Risk of fire or electric shock.

- Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.**
- Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

Only those open holes indicated in these instructions may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

Installers should examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.

The retrofit kit is suitable for Damp locations only.

Prior to installation, review all environmental designation locations in the retrofit kit installation instructions.

For use with recessed IC luminaires.

Suitable for use with luminaires with 23"x23" | 47"x11" | 47"x23" lamp compartment.

Suitable for operation in luminaires with ambient not exceeding 122°F (50°C).

INSTALLATION PROCEDURE

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

Preparation

1. Turn off power at the electrical panel.
2. Remove the lens/diffuser, tubes and ballast from the existing troffer.
3. Find the Watts and CCT slide switches, which can be found on the side of the driver, and adjust to the desired settings. See slide switch settings below.

CCT & WATTAGE SLIDE SWITCH SETTINGS

CCT SLIDE SWITCH SETTINGS

5000K	4000K	3500K	3000K
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* **Note:** CCT default setting set to 4000K.

WATTS SLIDE SWITCH SETTINGS 1' X 4' & 2' X 2'

36W	30W	25W	20W	18W
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* **Note:** Watts default setting set to 36W.

WATTS SLIDE SWITCH SETTINGS 2' X 4'

50W	45W	40W	30W	25W
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* **Note:** Watts default setting set to 50W.

Rail installation

4. Insert mounting rails A and B on opposite sides between the troffer and the grid rail with anti-rotational tabs pointed inward and notches facing up. The troffer will need to be raised slightly to accommodate the rails. Once inserted, push rail B to the right until it is flush against the t-grid rail. This will ensure the locking hooks latch on to the rail and secure the fixture. See figure 2 for reference. For 2x2 size, the rails should be installed on the tapered sides of the troffer.

For added security, the rails can be secured to the t-grid. Once the rails are installed, insert the included self-tapping screws through the end tabs and drill into the t-grid as shown in figure 2.

Panel installation

5. Locate the two panel hangers on the side edge of the panel. Insert the hangers into the notches on mounting rail A. This will allow the panel to hang freely. See figure 3 for reference.
6. Attach the two seismic safety cables from the panel to the troffer using self-tapping screws.
7. Connect power wires AC-L (Black) and AC-N (White) into the open side of the quick-connect.
8. Connect the ground wire using the supplied wire nut.
9. If 0-10V dimming is required, connect incoming dimming lines from dimmer to the fixture Driver DIM+ (Purple) & Sensor DIM+ (Purple), and DIM- (Gray/Pink) wires. Follow dimmer manufacturers instruction.
Note: If Bluetooth sensor (optional) is required then use sensor SC010 (sold separately).
10. Apply the luminaire label to the inside of the troffer.
11. Locate the panel hooks (2) on 2'x2' panel and (3) on 1'x4 and 2'x4' panels. Rotate them to the open or install position.
12. Swing the panel up so that its even with the ceiling. Then rotate the hooks (2) or (3) so that they engage the rail tabs.
13. Panel should be flush to ceiling.
14. Your installation is complete. Once all retrofit kits have been installed you can restore power.

INSTALLATION PROCEDURE

figure 2

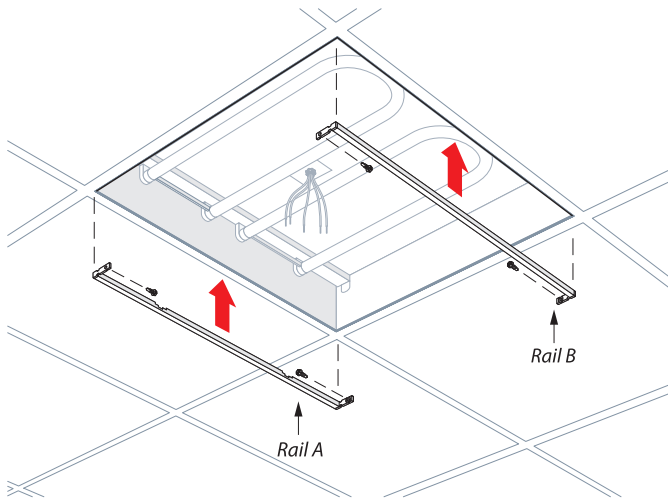
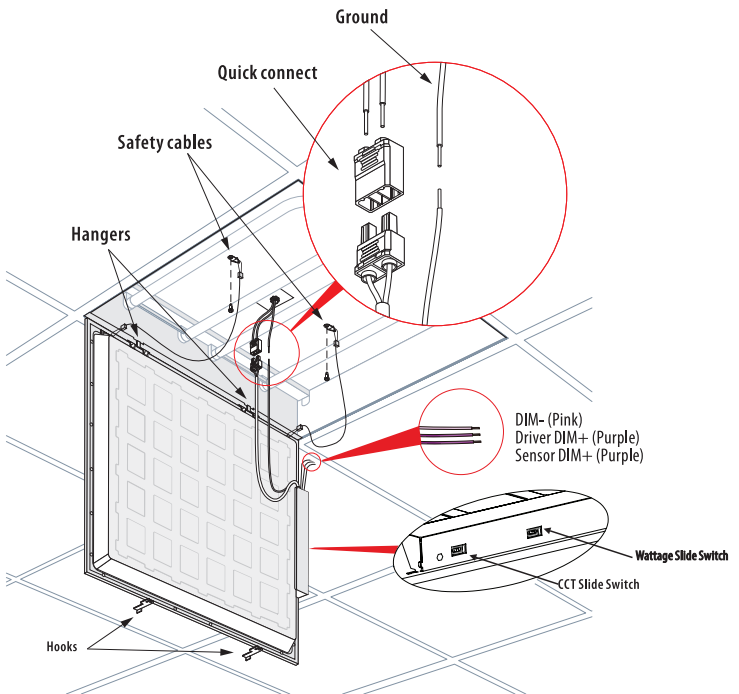


figure 3



Thank you for choosing

LITETRONICS®

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To check for an updated version of these instructions, please visit www.litetronics.com

9/6/24 - V1.2