

LITETRONICS PST Series Standard DLC LED Back Lit Panel Instruction Manual

[Home](#) » [Litetronics](#) » LITETRONICS PST Series Standard DLC LED Back Lit Panel Instruction Manual 

Contents

- 1 LITETRONICS PST Series Standard DLC LED Back Lit Panel
- 2 Product Information
- 3 Product Usage Instructions
- 4 PRODUCT OVERVIEW
- 5 WHAT COMES IN THE BOX
- 6 TOOLS NEEDED
- 7 SAFETY INSTRUCTIONS AND WARNINGS
- 8 INSTALLATION PROCEDURE
 - 8.1 WIRING DIAGRAM
- 9 SETTINGS
- 10 Contact Information
- 11 Documents / Resources
 - 11.1 References
- 12 Related Posts

LITETRONICS®

LITETRONICS PST Series Standard DLC LED Back Lit Panel



Product Information

- **Product Name:** LED Back Lit Panel
- **Product Model:** PST – Series
- **Available Sizes:** 1' x 4', 2' x 2', & 2' x 4'

What Comes in the Box

- LED Back Lit Panel
- Wire Nut (x3)
- Installation Instructions

Tools Needed

- Wire Stripper
- Wire Cutter
- Phillips Screwdriver

Safety Instructions and Warnings

When using electrical equipment, basic safety precautions should always be observed. Read the instructions carefully before installing the fixture. Retain these instructions for future reference.

Product Usage Instructions

1. Turn off the power at the electrical panel.
2. Remove the ceiling tile or existing fixture from the grid ceiling space.
3. Before installing, locate the grid clips on your panel; bend them up and out so they can rest on top of the grid.
4. Unscrew and remove the driver cover to access the input, ground, and dimming wires.
5. Locate the adjustable wattage and CCT slide switch on the top of the driver and set it to the desired wattage. Refer to the slide switch settings below.
6. Tilt and raise the panel up into the empty grid space, then lower it 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.
7. Remove one conduit knock-out from the driver cover, then run the branch power wire from the conduit to the driver cover.

8. Follow the wiring diagram (Figure 1) for proper connections:
 - Connect the green ground line through the conduit with a wire nut.
 - Connect the neutral (white) line to the wire labeled AC-N with a white wire nut.
 - Connect the live power (black) line to the wire labeled AC-L with a black wire nut.
 - If 0-10V dimming is required, connect incoming dimming lines to the DIM+ (Purple) and DIM- (Gray/Pink) wires. Follow the dimmer manufacturer's instructions.
9. Close the driver cover and secure it with the screw.
10. Replace the ceiling tiles, turn on the power, and your installation is complete.

Product Overview

- LED Driver
- CCT Slide Switch
- Grid Clips
- Wattage Slide Switch
- AC-L and AC-N dimming and ground wires
- Conduit knockouts
- LED Back Lit Panel
- Tee-grid bar

CCT Slide Switch Settings

- 5000K
- 4000K
- 3500K

Note: CCT default setting is set to 4000K.

Wattage Slide Switch Settings – 1' x 4' & 2' x 2'

- 25W
- 30W
- 40W

Note: Watts default setting is set to 40W.

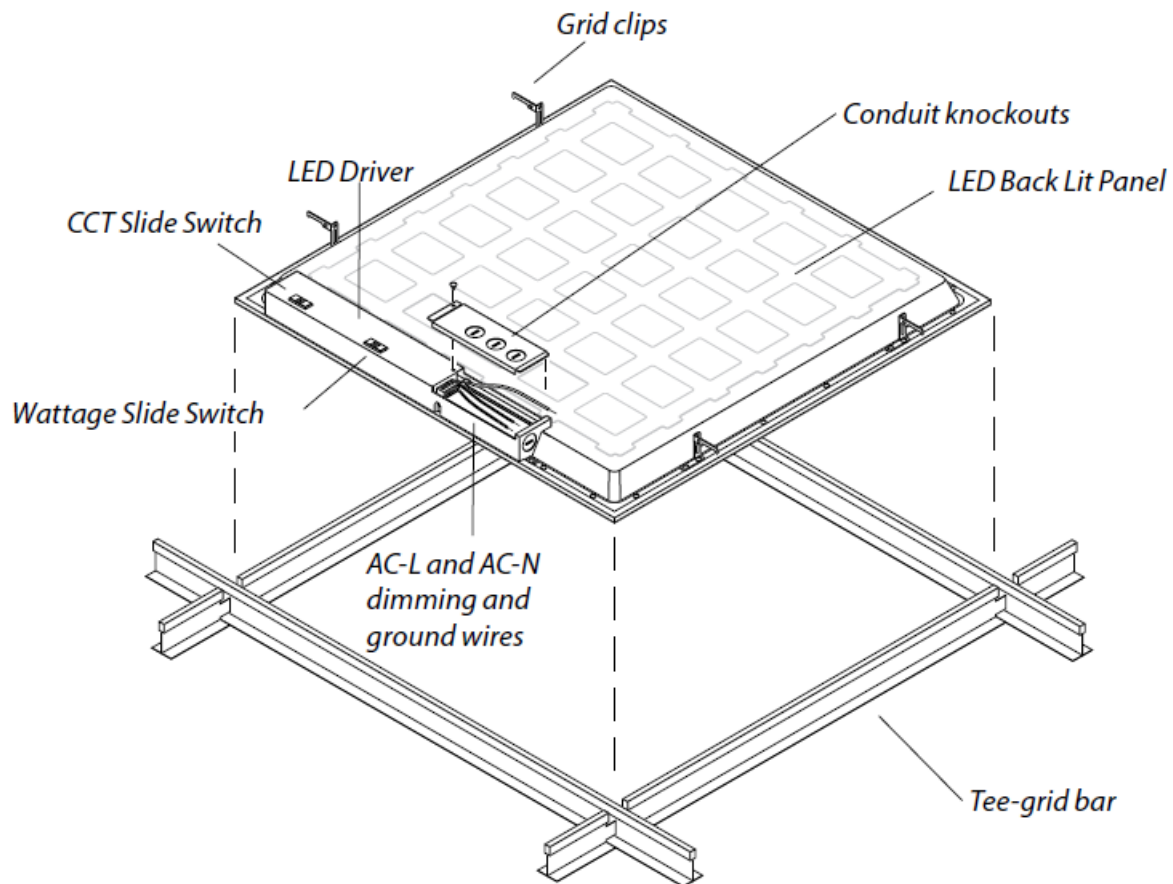
Wattage Slide Switch Settings – 2' x 4'

- 30W
- 40W
- 50W

Note: Watts default setting is set to 50W.

For any further inquiries or updated instructions, please contact us at 800-860-3392 or via email at

PRODUCT OVERVIEW



WHAT COMES IN THE BOX

- LED Back Lit Panel
- Wire Nut (x3)
- Installation Instructions

TOOLS NEEDED

- Wire Stripper
- Wire Cutter
- Phillips Screwdriver

SAFETY INSTRUCTIONS AND WARNINGS

- WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE OBSERVED.
- READ CAREFULLY BEFORE INSTALLING THE FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
- Litetronics fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Risk of fire or electric shock. LED Back Panel installation requires knowledge of luminaire 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.
- LED Back Panel must be connected to a wiring system with an equipment–ground 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 the edges of sheet metal or sharp objects.
- There are no user-serviceable parts inside of the LED Back Lit Panel.
- Suitable for damp locations.
- Suitable for 9/16" or 15/16" Flat Tee grids in both insulated ceilings and non-insulated ceilings. Access above the ceiling is required.
- The vapor barrier must be suitable for 90° C.
- Fixture to be independently supported to the building structure.

INSTALLATION PROCEDURE

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

1. Turn off the power at the electrical panel.
2. Remove the ceiling tile or existing fixture from the grid ceiling space.
3. Before installing, locate the grid clips on your panel; bend them up and out so they can rest on top of the grid.
4. Unscrew and remove the driver cover to access the input, ground, and dimming wires.
5. Locate the adjustable wattage and CCT slide switch on the top of the driver and set to the desired wattage.
See slide switch settings below.
6. Tilt and raise the panel up into the empty grid space, then lower it 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.
7. Remove one conduit knock-out from the driver cover, then run the branch power wire from the conduit to the driver cover.
8. Follow the wiring diagram, in Figure 1.
 - a. Connect the green ground line through the conduit with the wire nut.
 - b. Connect the neutral (white) line to a wire labeled AC-N with a (white) wire nut.
 - c. Connect the live power (black) line to a wire labeled AC-L with a (black) wire nut.
 - d. If 0 -10V dimming is required, connect incoming dimming lines to the DIM+ (Purple) and DIM- (Gray/Pink) wires. Follow the dimmer manufacturer's instructions.
9. Close the driver cover and secure it with the screw.
10. Replace the ceiling tiles, turn on the power and your installation is complete.

WIRING DIAGRAM

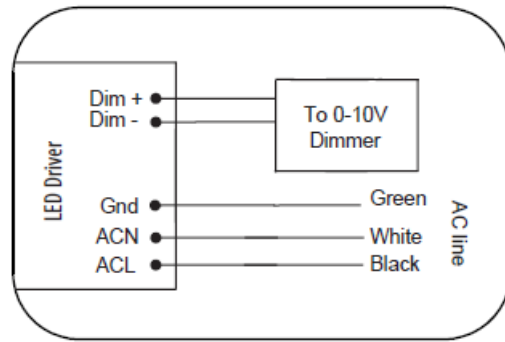


Figure 1

SETTINGS

CCT SLIDE SWITCH SETTINGS

5000K	4000K	3500K
-------	-------	-------

Note: CCT default setting set to 4000K.

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

25W	30W	40W
-----	-----	-----

Note: Watts default setting is set to 40W.

WATTS SLIDE SWITCH SETTINGS 2' X 4'

30W	40W	50W
-----	-----	-----

Note: Watts default setting is set to 50W.

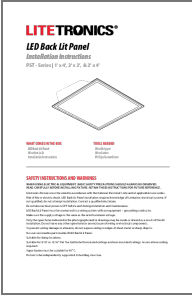
Contact Information

- 6969 W. 73rd Street Bedford Park, IL 60638
- WWW.LITETRONICS.COM
- CustomerService@Litetronics.com
- 1-800-860-3392

The information and product specifications contained in these instructions are based upon data believed to be accurate at the time of printing. This information is subject to change without notice and without incurring liability. If you have questions regarding specific product details, please contact us at 800-860-3392 or via email at customerservice@litetronics.com.

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

Documents / Resources

 The image shows the cover of a technical manual for LITETRONICS LED Back Lit Panels. It features the company logo, the product name, and a technical drawing of the panel. The text on the cover includes 'LITETRONICS LED Back Lit Panel', 'Installation Instructions', and 'PST Series 1 x 2, 2 x 2, 3 x 3, 4 x 4'.	<p>LITETRONICS PST Series Standard DLC LED Back Lit Panel [pdf] Instruction Manual PST Series Standard DLC LED Back Lit Panel, PST Series, Standard DLC LED Back Lit Panel, LED Back Lit Panel, Back Lit Panel, Lit Panel, Panel</p>
---	--

References

-  [Commercial Lighting Company | LED Lighting Solutions](#)