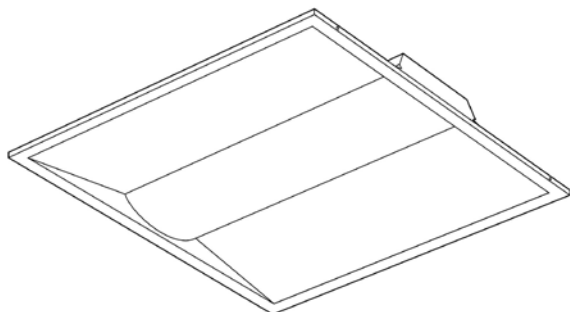# LITETRONICS®

LED Volumetric Troffer
Installation Instructions
VL-Selectable CCT Series | 2' x 2', 2' x 4' & 1' x 4'

WHAT COMES IN THE BOX

LED Volumetric Troffer
Wire Nut (x5)
Installation Instructions

TOOLS NEEDED

Phillips Screwdriver

SAFETY INSTRUCTIONS AND WARNINGS

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE OBSERVED.
READ CAREFULLY BEFORE INSTALLING 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. Volumetric Troffer 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.

Volumetric Troffer 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 the Volumetric Troffer.

Suitable for damp locations.

Suitable for 9/16" or 15/16" Flat Tee Grid in both insulated ceilings and non-insulated ceilings. Access above ceiling required.
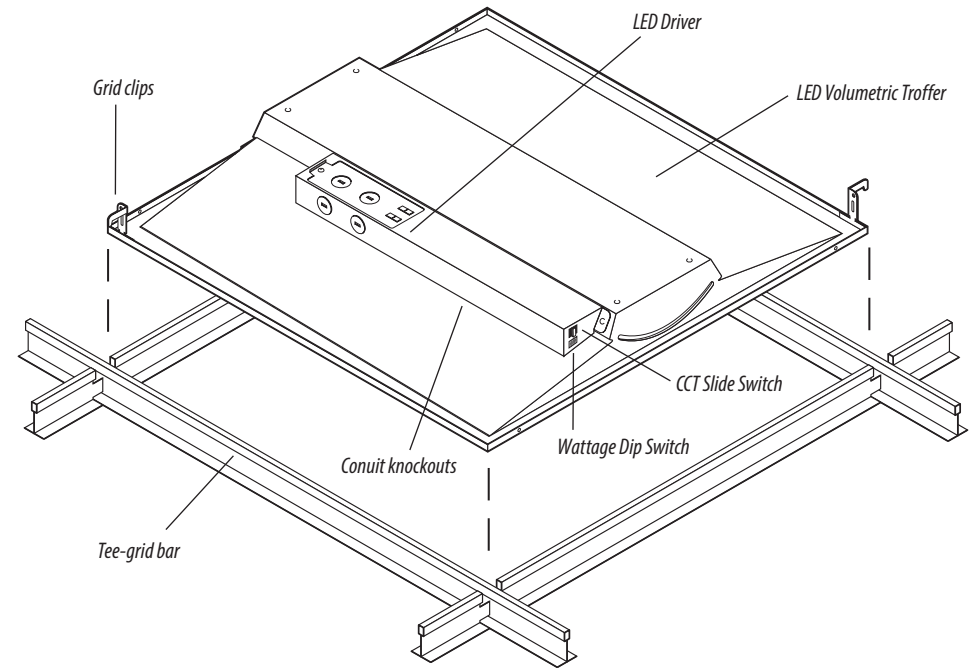
Vapor barrier must be suitable for 90º C.

Fixture to be independently supported to building structure.

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

1. Turn off power at the electrical panel.

2. Remove the ceiling tile or existing fixture from the grid ceiling space.

3. Before installing, locate the two grid clips on your panel; bend them up and out so they can rest on top of the grid.

4. Locate the wattage dip switch and CCT slide switch, which can be found on the outside of the driver, and adjust to the desired settings. See figure 1 - 3 below for settings.

5. 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.

6. Unscrew and remove the driver cover to access the input and dimming wires.

7. Remove one conduit knock-out from the driver, then run branch power wire from the conduit to the driver.

8. Connect power wires AC-L (Black) and AC-N (White) and ground wires (Green & Yellow) into corresponding driver wires.

9. If 0-10V dimming is required, connect incoming dimming lines to the DIM+ (Purple) and DIM- (Gray) wires. Follow dimmer manufacturers instruction.

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

11. Replace the ceiling tiles, turn on the power and your installation is complete.

DIP SWITCH SETTINGS BY WATTAGE
Please note: Each fixture is set to the highest wattage by default. To set your fixture to a lower wattage, adjustments will need to be made prior to installation.

2' X 2' & 1' x 4'

WATTAGE	LUMENS	1	2	3	4
18	2250				
20	2500				●
25	3125			●	
30	3750		●		
36	4500	●			

figure 1

2' X 4'

WATTAGE	LUMENS	1	2	3	4
25	3125				
30	3750				●
40	5000			●	
45	5625		●		
50	6250	●			

figure 2

Adjust dip switches by moving each switch to the ON or OFF position

ON OFF

CCT SLIDE SWITCH SETTINGS

5000K	4000K	3500K

figure 3

LED Driver

Grid clips

LED Volumetric Troffer

CCT Slide Switch

Wattage Dip Switch

Conuit knockouts

Tee-grid bar

Thank you for choosing

LITE TRONICS®

6969 W. 73rd Street
Bedford Park, IL 60638

WWW.LITETRONICS.COM
CustomerService@Litetronics.com or 1-800-860-3392

7/28/21