

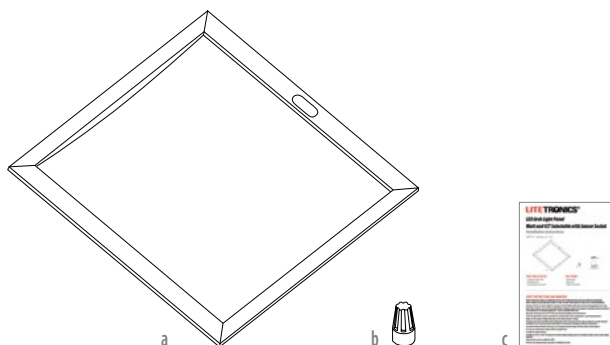
# LITE TRONICS®

## LED Arch Light Panel

## Watt and CCT Selectable with Sensor Socket

### Installation Instructions

APT\*S - Series | 2' x 2'



### WHAT COMES IN THE BOX

- (a) LED Arch Light Panel
- (b) Wire Nut (x5)
- (c) Installation Instructions

### TOOLS NEEDED

- Wire Stripper
- Wire Cutter
- Phillips Screwdriver

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## 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. LED Arch Light 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.

LED Arch Light 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 LED Arch Light Panel.

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 90°C.

Fixture to be independently supported to building structure.

# INSTALLATION PROCEDURE

## READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

Unbox and inspect the Arch Light 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 WATT & CCT SETUP

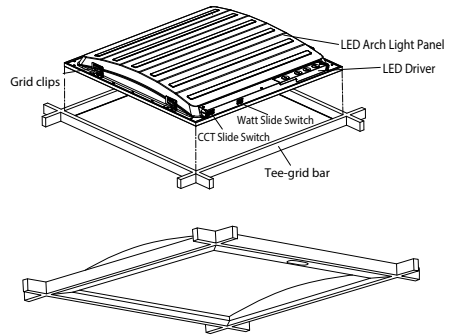
1. Locate the adjustable wattage and CCT slide switch on the side of the driver and set to the desired CCT and wattage. See slide switch settings below.

| MODEL | CCT(K)                        | DEFAULT CCT(K) | WATTS                       | DEFAULT WATTS |
|-------|-------------------------------|----------------|-----------------------------|---------------|
| APT2S | 3000K   3500K   4000K   5000K | 4000K          | 18W   20W   25W   30W   36W | 36W           |

## B. INSTALLING FIXTURE

2. Turn off power at the electrical panel.
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. Remove the ceiling tile or existing fixture from the grid ceiling space.
6. 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.
7. Remove one conduit knock-out from the driver cover, then run branch power wire from the conduit to the driver cover.

### PRODUCT OVERVIEW



## C. WIRING FIXTURE

8. Follow steps for wiring and diagram, Figure 1 and Figure2.
  - a. Connect the neutral (white) line to AC-N (white) with wire nut.
  - b. Connect the live power (black) line to AC-L (black) with wire nut.
  - c. Connect the green ground line to ground (green) with wire nut.
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.

Figure 1  
**120V & 277V**

|            |       |
|------------|-------|
| GROUND     | GREEN |
| NEUTRAL    | WHITE |
| LINE (HOT) | BLACK |

Figure 2  
**208V**

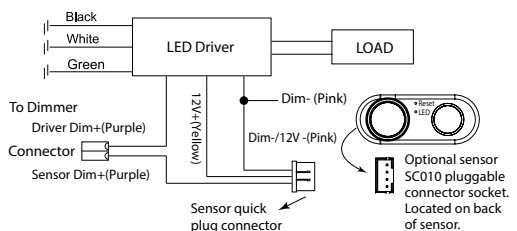
|              |       |
|--------------|-------|
| GROUND       | GREEN |
| LINE 1 (HOT) | WHITE |
| LINE 2 (HOT) | BLACK |

## WIRING FOR DIMMING

1. If 0-10V dimming is required, connect incoming dimming lines from dimmer to the fixture Driver DIM+ (Purple), and DIM- (Pink) wires. Follow dimmer manufacturers instruction.

**Note:** If Bluetooth sensor (optional) is required then use sensor SC010 (sold separately).

### WIRING DIAGRAM



Thank you for choosing

**LITETRONICS®**

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To check for an updated version of these instructions, please visit [www.litetronics.com](http://www.litetronics.com).

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