

# L2PCR INSTALLATION INSTRUCTIONS

**WARNING:** ALWAYS INSTALL FIXTURES ACCORDING TO NATIONAL ELECTRICAL CODE (NEC) AND LOCAL CODES. FAILURE TO DO SO WILL VOID THE WARRANTY AND COULD CAUSE DAMAGE TO THE FIXTURE OR MAY RESULT IN PERSONAL INJURY.

**IMPORTANT:** TURN ELECTRICITY OFF AT THE CIRCUIT BREAKER BEFORE INSTALLING OR PERFORMING MAINTENANCE ON FIXTURE. This information deals with structures supplied by Techlight along with certain safety issues. It is **NOT** a comprehensive description of how to install these structures. Installation contractors must be relied upon for equipment and practices that meet the conditions of each job location. Techlight cannot be responsible for any damage that may occur during or after installation, or for any structure that has been modified by the purchaser or that is used in some way other than our application recommendations.

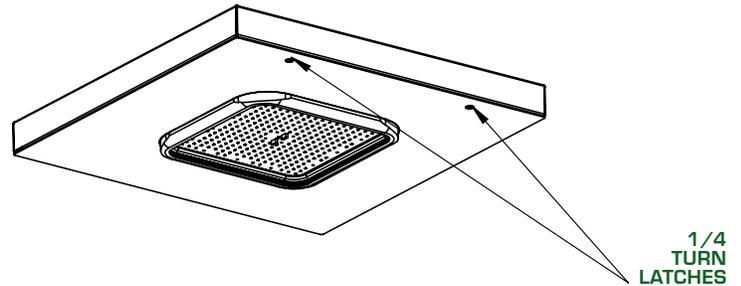
**⚠ CAUTION:** MAKE CERTAIN POWER SUPPLY IS DISCONNECTED DURING INSTALLATION!

## INSTALLATION

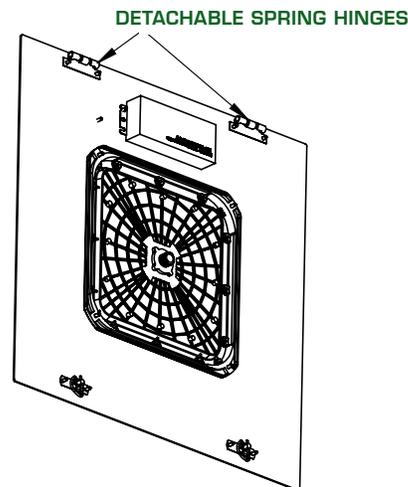
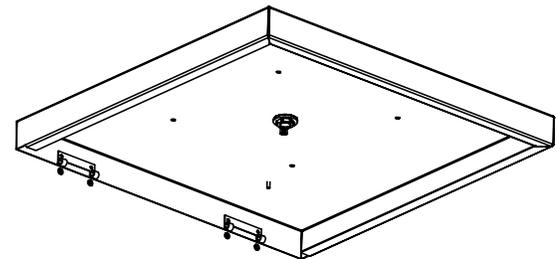
1. Remove the L2PCR fixture from the packaging taking care not to damage the fixture or the finish. Mounting hardware is provided.
2. Prior to installing, using 5/32 hex key rotate the two quarter-turn latches that fasten the L2PCR Door/LED assembly to the Rear Housing and open the Door/LED assembly. **(FIGURE 1)** Disengage the two quick release hinges and set the Door/LED assembly aside. **(FIGURE 2)** The Rear Housing will be installed first, followed by the Door/LED assembly.
3. Working from below the canopy, mark and cut out wireway hole for fixture installation. A minimum 1-3/4" diameter hole is required in the canopy, centered between two canopy ribs. **WARNING:** Wireway hole must not exceed 6.50" diameter.
4. Transfer locations of the 4 mounting holes located in the corners of the Rear Housing to the canopy & drill 13/64" (.203" dia.) holes (4X). Mount Rear Housing to canopy using 4ea 1/4" x 1/2" Pan Truss screws provided. Use a Torx T-30 drive to install screws. **(FIGURE 3)**.
5. Attach Door/LED assembly back to the Rear Housing using the two quick release hinges. Allow the Door/LED assembly to hang free. LED driver output leads are factory connected.

**NOTES -** Fixture must be installed by a licensed electrician. These instructions do not cover all details or variations in equipment, nor do they provide for every uncertainty related to installation, operation, maintenance, or mounting contingency. Should specific problems occur that are not covered sufficiently for the purchaser's purpose, contact Techlight for additional product or application information. Improper installation and/or utilization may void manufacturer's warranty. Techlight assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

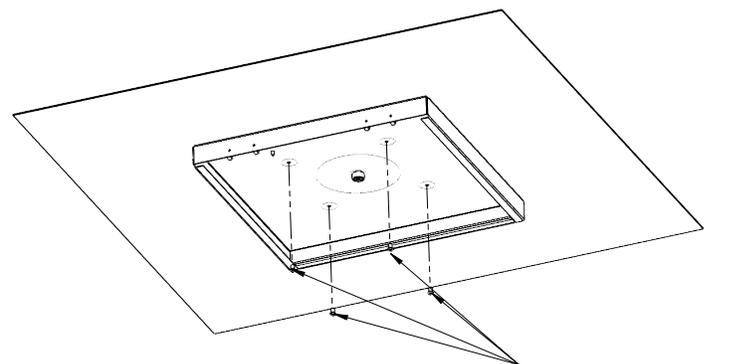
**FIGURE 1** DETACH DOOR



**FIGURE 2** DETACH DOOR



**FIGURE 3** MOUNT REAR HOUSING ONTO CANOPY DECK



MOUNT WITH 1/4" SELF TAPPING SCREWS (4X)  
PROVIDED (DRILL 13/64" HOLES X4)

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## INSTALLATION CONTINUED

- Working on top of canopy install silicone sponge gasket and clamping plate. Install clamping nut and tighten to compress gasket against canopy. Install  $\frac{1}{2}$ " aluminum coupling with Teflon tape. Install Anti-siphon wired nipple assembly with Teflon tape. Install wet location junction box using Teflon tape. Add conduit and pull supply conductors into junction box. Wire fixture and close junction box with gasketed cover. **IMPORTANT:** Apply RTV silicone to all screw penetrations on top of canopy deck to prevent water from leaking through the canopy deck. Seal any old penetrations left from previous fixture with RTV silicone. (Figures 5 & 6).
- Connect the BLK/WHT/GRN incoming power leads from Rear Housing hub to the BLK/WHT/GRN corresponding color lead connectors on the Door/Led assembly to provide power to the LED driver. All unused leads must be capped off. **IMPORTANT:** Make sure fixture is properly grounded by connecting circuit ground lead to GRN color lead connector. (FIGURE 4).
- Perform all supply power wiring per NEC and local code using suitable wiring connectors.
- Close Door/LED assembly and secure using the two quarter-turn latches and 5/32 Hex Key.

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FIGURE 4 L2PCR TYPICAL DRIVER WIRING CONNECTION

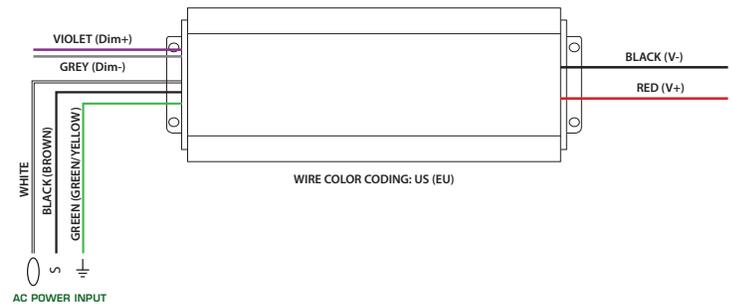


FIGURE 5 INSTALL SILICONE SPONGE GASKET AND CLAMPING PLATE

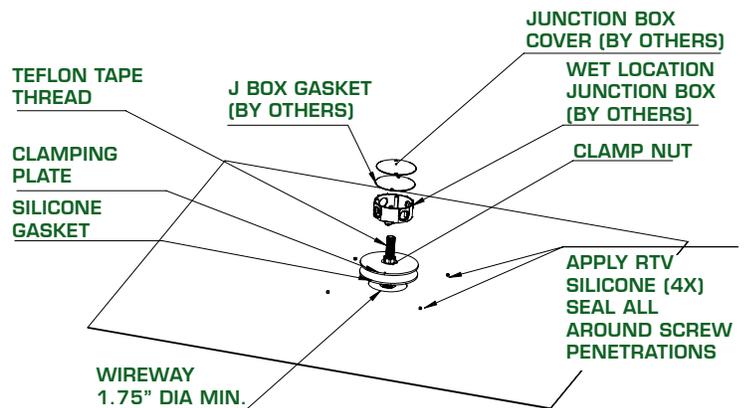


FIGURE 6 CANOPY INSTALLATION CROSS SECTION VIEW

