

# INSTALLATION AND ASSEMBLY INSTRUCTIONS

## PSE 100 LINEAR LED ENCASED POWER SUPPLY

**WARNING:** Failure to follow instructions could result in damage to product and void warranties!

**WARNING:** Risk of fire or electrical shock. Disconnect power before installing or servicing.

**WARNING:** Verify the existing input voltage and ensure it matches input rating on product label, located on outside the case.

**WARNING:** Before proceeding, read all instructions carefully to ensure proper and safe installation.

**WARNING:** Damage to the power supply can result from exceeding maximum output. It is good design practice to limit loading to 80% of maximum

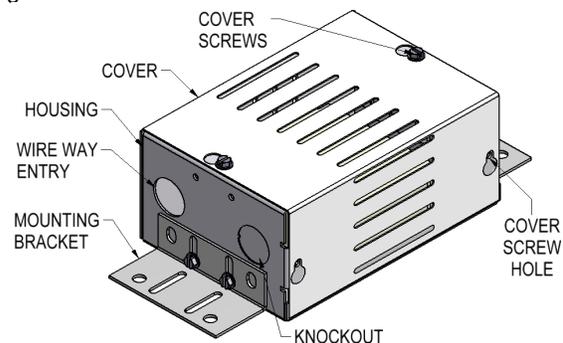
**IMPORTANT:** This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

**CAUTION:** " TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS":

- Use only insulated staples or plastic ties to secure cord;
- Route and secure cords so that they will not be pinched or damaged when the cabinet is pushed to the wall;
- Position the under-cabinet or shelf mount light with respect to the cabinet so the lamp replacement marking are able to be read during relamping : and
- Not intended for recessed installation in ceiling, or soffits."

### **Description:**

The PSE 100 is designed with both quick connect and hard wiring for installation flexibility. The PSE 100 can be simply connected to the LXL/LDL2/LSL2 with the HRNSS10' modular plugs, or depending on the mounting requirements, you may need to cut quick connect plug of the HRNSS10' and hard wire it to PSE.



**Figure 1**



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Installation Questions?  
Call LSI Field Service Department at:  
1-800-436-7800 Ext. 3300 Fax 877-861-1368

LSI Industries Inc. ♦ 10000 Alliance Road ♦ Cincinnati, OH 45242 ♦ 513-793-3200 ♦ Fax (513) 793-0147 ♦ [www.lsi-industries.com](http://www.lsi-industries.com)

P/N 441756, REV. 0, 8/10/10

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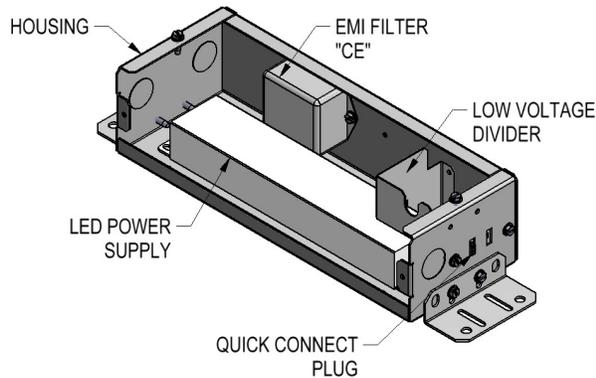


Figure 2

## Electrical:

- Input: PSE 100 operate only on 120-277 VAC, 50/60 Hz
- Output: Maximum 100 watt, 24 VDC.
- PSE 100 (100 watt power supply) operate maximum of 11.5 foot of LXL or 16 foot of LDL2 at 80% maximum load.
- LSL2 26 feet
- UL/CE Listed

## Tools needed:

- Flat head screw driver.
- Wire cutter
- 1/4" a nut driver.

## Mounting procedure:

PSE 100 can be mounted in different orientation see figure 3 and 4.

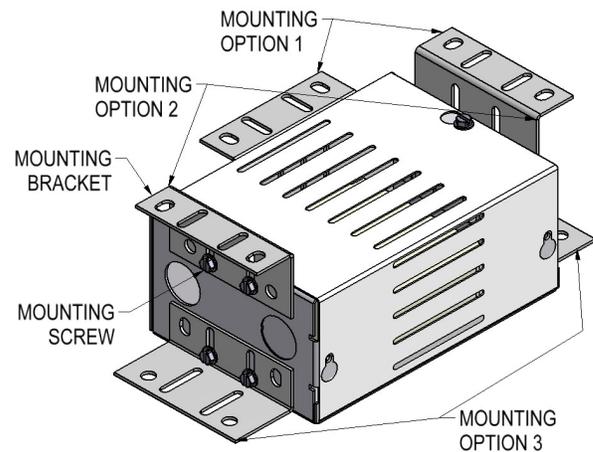


Figure 3

## Caution: Do not cover ventilation slots on the cover when mounting the unit.

1. Mounting bracket already assembled with the unit.
2. To adjust mounting bracket, loosening mounting screws using flat head screw driver or 1/4" nut driver.
3. Use #10 screws (not provided) to mount PSE 100 to the cabinet wall.



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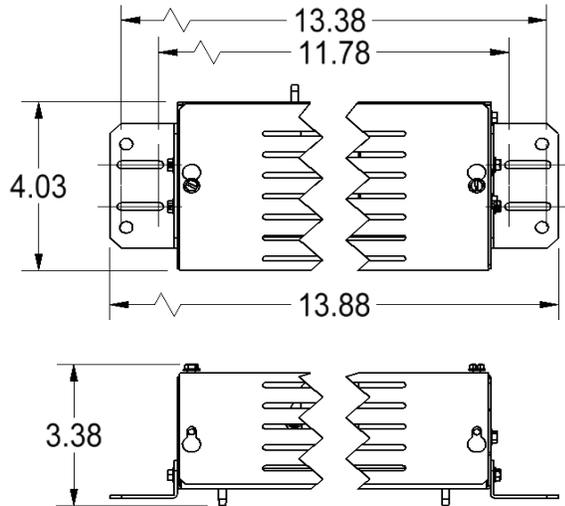


Figure 4

## Wiring the unit:

- **Wiring PSE 100 to supply line "NO EMI FILTER INSTALLED"**
  - Insert power line thru wire way entry
  - Secure supply line by tighten cable strain relief.
  - Use wire nuts to connect black with black, white with white and green with green
- **Wiring PSE 100 to supply line "EMI FILTER INSTALLED 'CE ONLY' "**
  - Use wire nuts to connect black with IMI filter brown, white with IMI filter Blue and green with green
- **Wiring PSE 100 to light fixture:**
  - **PSE 100 with quick connect plug:**  
Insert light fixture plug to quick PSE 100 connector plug see figure 5.
  - **PSE 100 with hard wire:**  
Use wire nuts to connect Blue wire from PSE 100 to Black from light fixture and Red from PSE 100 to white light fixture.

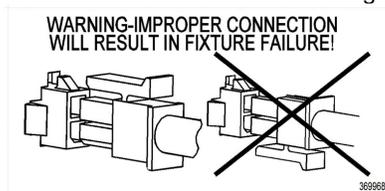


Figure 5



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