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:
- 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

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

**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, loosing 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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![Diagram](image)

**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.

![Diagram](image)

**Figure 5**

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