1. **Tools required:** Wire strippers, drill and screwdriver

2. **Supplies required:** Conduit and electrical enclosure for power supply if not placed in a sign with polycarbonate face material, #8 or #10 pan head screws, UL Listed PLTC cable, electrical wire connectors (eg. wirenuts), ½ in (13 mm) locknuts, silicone.
   **Europe:** Junction box, M3 pan head screws, PLTC cable, silicone, 3M Scotchloc connectors

3. **Power Supply:** Identify primary wires, secondary wires and location of mounting tabs

4. **Mount Power Supplies:** Use mounting tab in corner to secure power supply.

5. **Connect Primary CAUTION:** Have a licensed electrician connect primary.

**NOTE:** Power supply operating temperature is -40º to 60º C. Power supply must be mounted in an enclosure (i.e. transformer can). Power supplies must have 2 in (50 mm) of space on each side and 2 in (50 mm) minimum from top of enclosure. If mounted inside a sign cabinet, UL requires that cabinet has a polycarbonate face.

Ensure power supplies are not overloaded by verifying output current is less than 1.6 DC Amps.
It is recommended to use photo-cells or light sensors to prolong life of the power supply and to keep unit at maximum operating efficiency.

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**TROUBLESHOOTING**
If sign is not functioning properly, check the following:
- Primary voltage is between 100-240 VAC
- Secondary voltage is 12 VDC
- Output current is 1.6 Amps or less
- Power supply is not overloaded (see power supply capacity chart in product installation guide or SloanLED.com)
- There are no shorts in secondary wiring
- All secondary connections are RED-TO-RED and BLACK-TO-BLACK

SloanLED products carry a limited warranty. For complete details refer to the warranty policy found at SloanLED.com