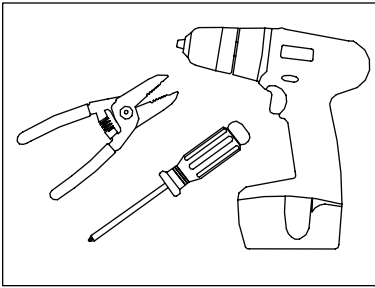
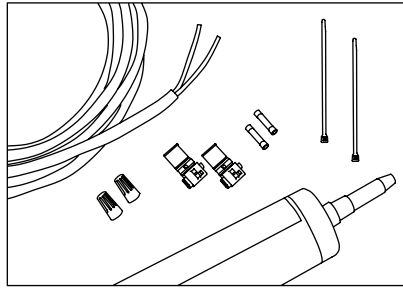


MOD277 12 VDC Power Supply

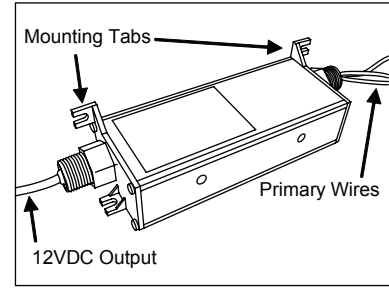
Installation Guide for PN 701507-MOD277 – NEC Class 2 Output



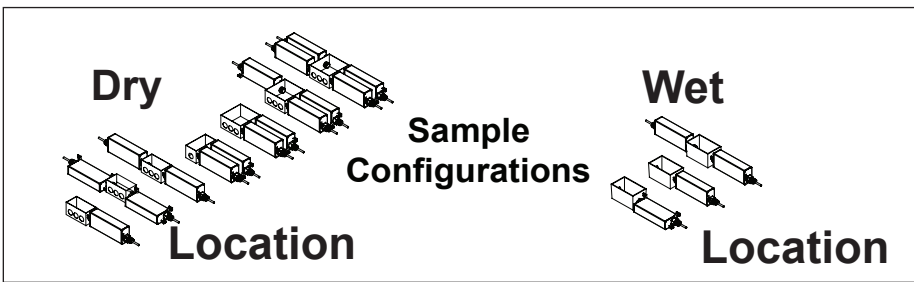
1. **Tools required:** Wire strippers, drill and screwdriver



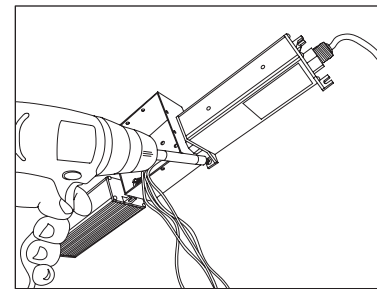
2. **Supplies required:** Junction box, #8 or #10 pan head screws, UL Listed PLTC cable, electrical wire connectors, 1/2 in (13 mm) locknuts, silicone



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



4. **Configure Power Supplies:** Secure power supplies to junction box using 1/2 in (13 mm) locknuts. Power supplies may be joined together in a wide array of configurations. For wet locations use a UL Listed for wet locations junction box. For dry locations use any UL Listed junction box.



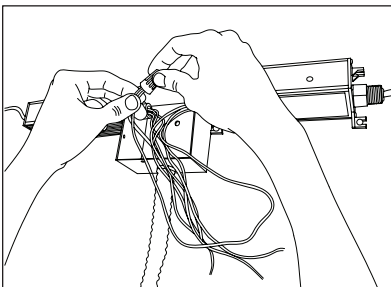
5. **Mount Power Supplies:** Units may be mounted in any orientation using mounting tabs

NOTE: Power supply operating temperature is -40° C to 60° C. To ensure adequate ventilation, it is recommended mounting power supplies without a secondary enclosure. Space power supplies by standard knockout locations (3/4 in (19 mm)) minimum. If secondary enclosure is used (transformer can) power supply spacing to other heat producing components must have 4 in (102 mm) of space on each side and 2 in (50 mm) minimum to top of enclosure. Ensure power supplies are not overloaded by verifying output current is less than 5 DC Amps. It is recommended to use photo-cells or light sensors to prolong the life of the power supply and to keep the unit at maximum operating efficiency.

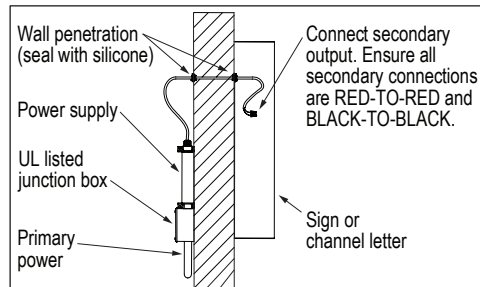
TROUBLESHOOTING

If sign is not functioning properly, check the following:

- Primary voltage is between 277-347 V
- Secondary voltage is DC 12 V
- Output current is 5 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 (-)



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



7. **Make secondary connections:** Secondary class 2 cables do not require conduit per NEC 2008 Articles 725.121 through 725.130. Seal all wall penetrations with silicone to avoid water damage.

UL File number: E215393

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



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