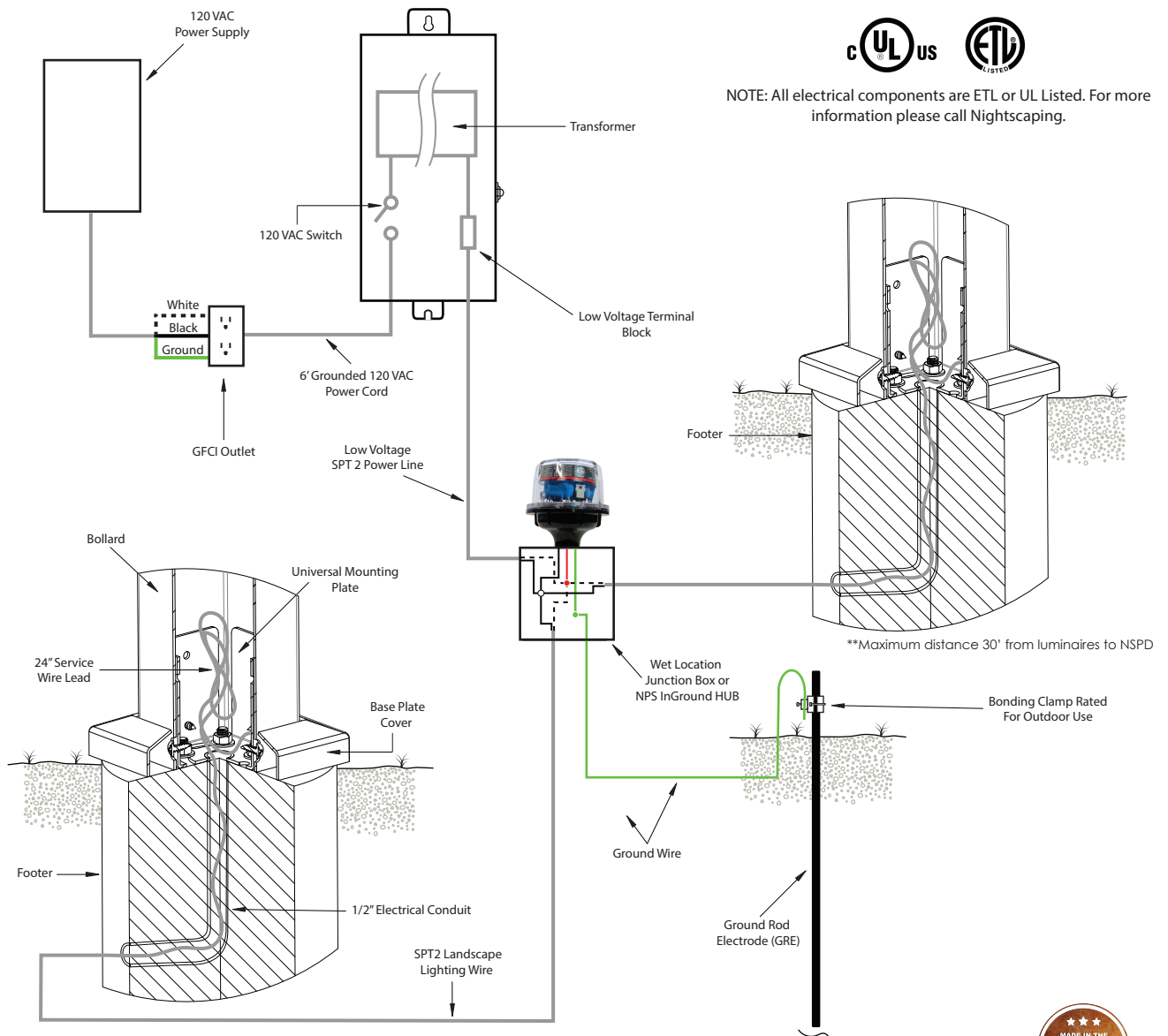


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1. Install Nightscaping luminaires in desired location according to the Nightscaping Bollard Installation Instructions (located on the website). Below is a wiring diagram for proper installation of the Nightscaping's[®] SPD (NSPD). **NOTE: Do not cut wires until the NSPD is mounted and minimum wire lengths have been verified.**
2. Identify proper location(s) for the NSPD(s). Locate the NSPD(s) at each landscape lighting HUB. Each HUB will act as a grounding station for all of the luminaires. **Avoid excess lead lengths and the need for sharp bends in the wires.** The NSPD can be installed inside an NPS HUB or wet/dry box. **Maximum distance 30' from luminaire(s) to NSPD(s).**
3. Install the Ground Rod Electrode (GRE) by driving it into the ground until only ~3-4" is above ground level. Once the GRE has been installed attach the **Green** ground wire to the GRE. Use outdoor rated bonding clamps to connect the ground wire to the GRE. **Please see NEC code for length of the GRE required (standard 0.625" x 8').** GRE not included with purchase of NSPD.
4. Connect SPT2 low voltage wires coming from transformer and 12V luminaires. When using AC split the SP2 in two and connect the wires to the **Black** and **Red** wires from the NSPD; do not be concerned with polarity if power source is AC. If DC is being utilized connect the positive wire lead to **Red** wire from NSPD and negative wire lead to **Black** wire from NSPD.



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5. Apply voltage to the NSPD. Both LED's in the NSPD should glow blue as a sign that the voltage is present in system, NSPD is connected correctly, and the system is protected. Note: LED's will only be on when voltage is present. In landscape lighting systems when the lights are off during the day, the LED's will go out because transformer is not producing power to the system. This does not indicate the NSPD is broken. If voltage is present and the Blue LED's are off, the NSPD needs repair.

IMPORTANT NOTES:

1. A good grounding system is essential for both safety and lightning protection. The NEC recommends a ground resistance of 25 ohms or less. The lightning protection industry recommends 10 ohms or less. A thorough assessment of the grounding system is strongly recommended.
2. When installing luminaires in trees as down/moon lights make sure to use NSPD at HUB supplying power to the luminaires for added protection.

Nightscaping Limited Warranty - Nightscaping Surge Protection Device (NSPD)

Nightscaping, LLC. warrants to the original customer that the NSPD products shall be free from defects in materials and workmanship for a period of five (5) years. At its option, Nightscaping will repair or replace at no charge any NSPD that proves to be defective within such warranty period. This warranty shall not apply if the Nightscaping product has been damaged by unreasonable use, accident, negligence, service or modification by anyone other than Nightscaping, or by any other causes unrelated to materials and workmanship. The original consumer purchaser must retain original purchase receipt for proof of purchase as a condition precedent to warranty coverage.

To receive in-warranty service, the defective product must be received no later than two (2) weeks after the end of the warranty period. The product must be accompanied by proof of purchase and Return Authorization (RMA) number issued by Nightscaping. For an RMA number contact Nightscaping LLC, 835 Lincoln Ave, Unit 13, West Chester, PA 19380 (info@nightscapingusa.com).

Purchasers must prepay all shipping charges to Nightscaping product under this warranty policy. Except for the warranty that the products are made in accordance with the specifications therefore supplied or agreed to by customer, NIGHTSCAPING MAKES NO WARRANTY IF NSPD MCOV RATING IS CHOSEN BELOW SYSTEM'S NOMINAL VOLTAGE. Products will be considered accepted by customer unless written notice to the contrary is given to NIGHTSCAPING within ten (10) days of such delivery to customer. NIGHTSCAPING shall not in any case be liable for any event occurring or defect discovered with regard to said product unless written notice thereof is given to NIGHTSCAPING within ninety (90) days of such product delivery to customer. NIGHTSCAPING is not responsible for loss or damage to other products owned by customer and beyond NIGHTSCAPING's control. This warranty is in lieu of all other warranties expressed or implied.

