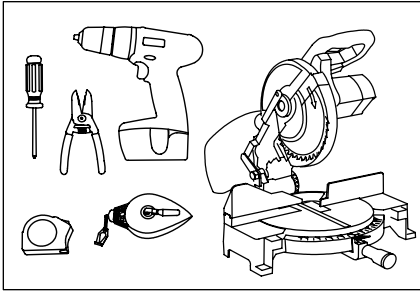
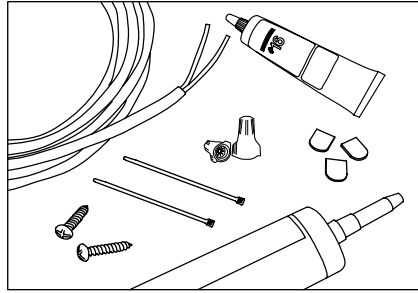


LEDStripe

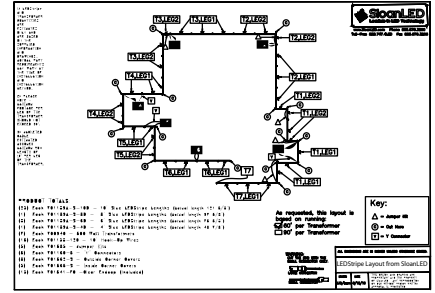
Installation Guide for PN 701189-C-X



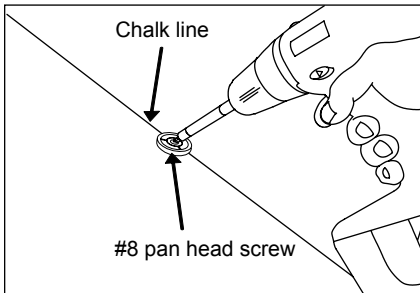
1. Tools required: Cordless drill, drill bits, #2 Phillips driver bits, wire stripper, measuring tape, chalk line, marking pens, miter saw (for custom cut lengths), Volt/Ammeter.



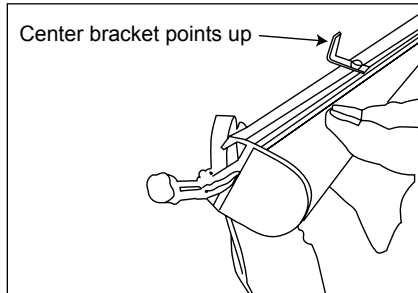
2. Supplies required: Butt splices (22 -18 AWG, Red), glue (supplied), #8 Pan head, Phillips screws, appropriate thread anchor for the surface it is mounting too, transformer box, silicone sealant, conduit and conduit connectors (water tight if mounting the transformer in a box outdoors), disconnect switch, UL Listed wet location, sunlight resistant PLTC cable.



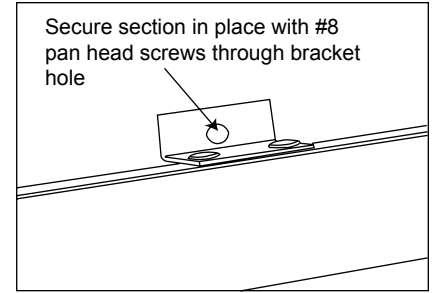
3. Layout: Use an architectural drawing or layout provided by SloanLED (sample above) to determine the number and length of LEDStripe sections and power supplies required for your installation.



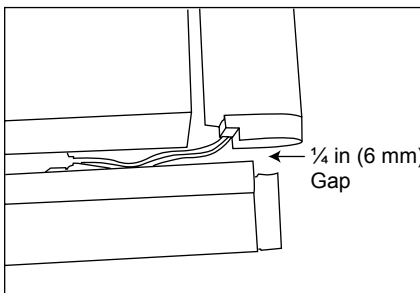
4. Install mounting buttons: Snap a chalk line on surface for mounting. Space mounting button 1½ in (38 mm) from the end of each LEDStripe section and every 24 in (865 mm) on center throughout the length of each LEDStripe section. For custom bends and tight corners, see 9 for installation, and use a mounting button every 12 in (305 mm).



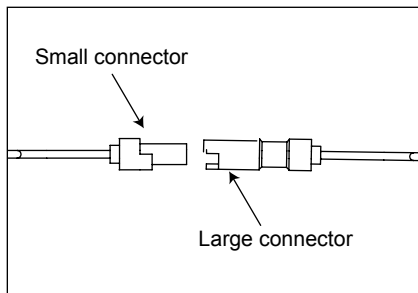
5. Install LEDStripe sections onto buttons: Slide or Snap LEDStripe sections onto mounting buttons with center bracket facing up.
NOTE: If installing in temperatures below 40° F, leave a ¼ in (6 mm) gap between 8 ft (2.47 m) and 10 ft (3.05 m) pieces to allow for expansion at warmer temperatures.



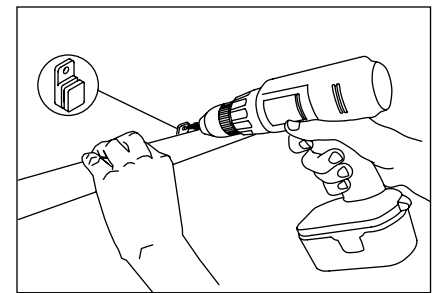
6. Secure section in place: Use #8 pan head screws to secure center bracket once all sections are located on the mounting surface



7. Corners: Corners should be installed with one section slightly overlapping the other leaving a minimum ¼ in (6 mm) space. Optional corner covers can be snapped into place.



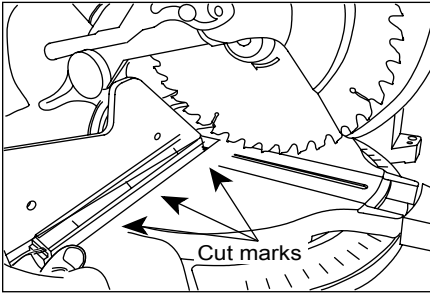
8. Connect pieces together: Make sure that tab is aligned with locking clip. Once connected, hide wires at the back of the LEDStripe in the mounting track. Use joint covers to cover.



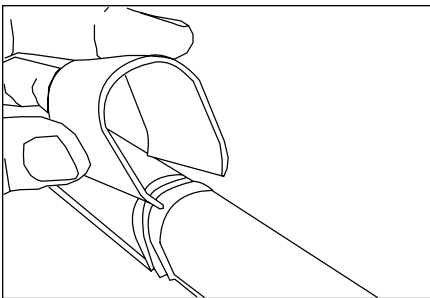
9. Optional slide and mount rectangle mounting buttons (not included) are available for hard to mount areas. Slide button onto the back of the LEDStripe and use pan head screw to secure to the wall.

Installation Guide for PN 701189-C-X

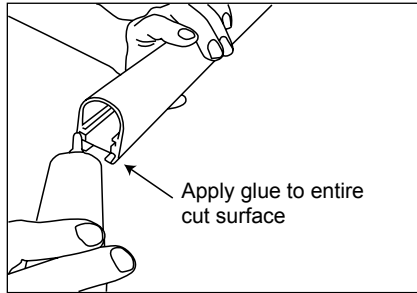
Field Cuts



10. Field cuts: All LEDStripe lengths can be cut in the field in approximate 3 in (75 mm) increments, except 1 ft lengths can be cut in 1 in. increments. To cut a section, measure the length you need from the LARGE connector to the cut mark nearest the required length. Use a hand or power miter saw to cut on the black cut lines. After cutting, the side with the small connector is scrap.



Optional joint covers and corner covers:
Snap the cover into place.

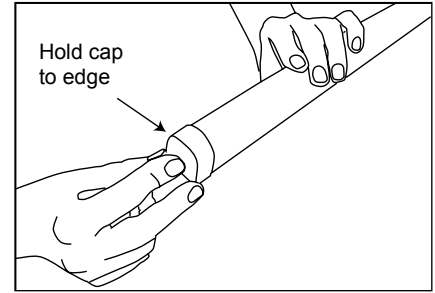


11. Apply glue:
Rigid endcaps - Apply glue around end of cut LEDStripe tube being sure to cover the entire cut surface.

Soft endcaps - Apply primer (p/n 701424) to bonding surface of silicone end cap and allow to dry (approximately 30 seconds). Apply adhesive (P/N 701422) to bonding surface on the open end of the tube and place the primed end cap on it.

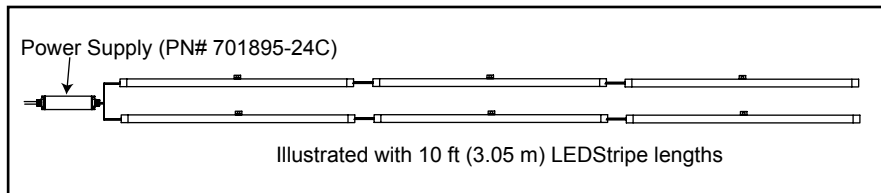
Warning:

It is important to follow and review the safety instructions on the Weld-on #16 Solvent Cement packaging.



12. Fit end cap to cut edge: Press the end cap onto the extrusion and make sure it is aligned to cover the entire extrusion opening. Let dry at least 5 minutes. Strong tape can be used to maintain pressure on the cap for the curing period.

With the soft endcaps, inspect the bond line to make sure that it is continuous and complete so that moisture cannot enter the tube.



SloanLED DC 24 V wet Location Power Supply loading: Two legs 30 ft (9.04 m) each.

If more than two parallel legs are used, check output voltage and current of power supply.
Current ≤ 4.0 A
DC \geq Voltage 23.3 V

Note: For LEDStripe AC transformer power capacity check the PowerLED install guide (WI-09-1058).

Troubleshooting:

One complete length of LEDStripe won't light.	Most likely a connector or connection problem. Check connections and voltage at the connector. It could be a loose connection, wire or connector.
More than one length of product does not light.	Most likely a connection problem. Check connections where the product stops lighting. Another cause could be that the power supply is overloaded and the secondary output circuit protection is engaged. Check how many feet/meters of product are on each leg of the power supply. Check output current of power supply
One 3 in (75 mm) section is dark	Problem inside the product. Replace entire LEDStripe unit. Call SloanLED for return and replacement instructions.
After cutting, the product does not light.	Most likely the wrong end was cut. When cutting the product make sure that the end with the big connector is the end that is kept. After cutting, the end with the small connector is scrap and will not light.
LEDStripe is dim	Power supply is most likely overloaded. Remove section of LEDStripe until full brightness is achieved. Check output current of power supply.



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