



INSTALLATION INSTRUCTION MANUAL

FOR

ACTSTRIP BORDER LIGHTING

Act One Communications, Inc.
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Step by Step Installation

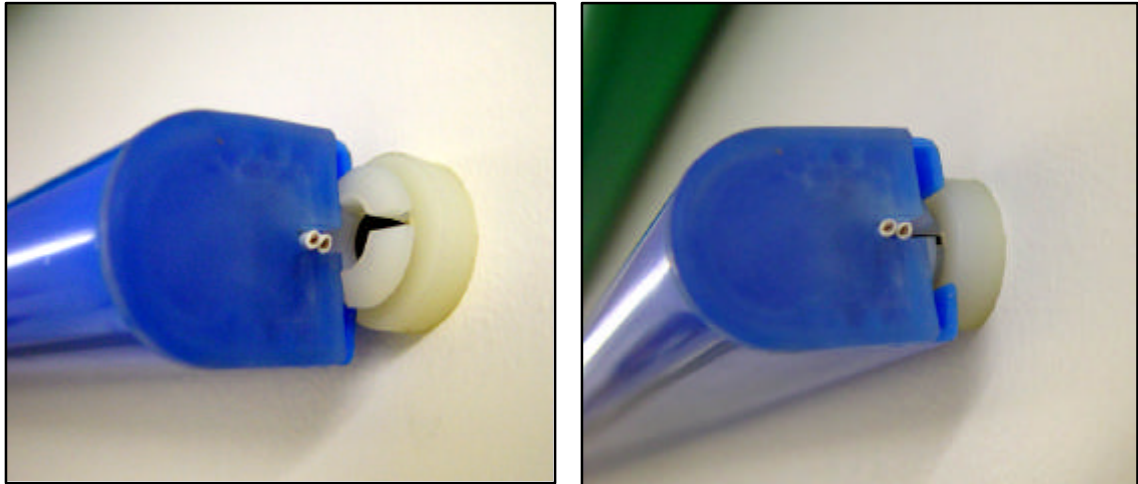
1. Drop a chalk line where the **ActStrip Border Light** is to be installed. Determined by customer.
2. Install mounting buttons based on the length of each **ActStrip Border Light** section. Use lengths as shown on the site layout whenever possible. See spacing pattern chart for button spacing. Overlap **ActStrip Border Light** on outer edge corners leaving $\frac{1}{4}$ " space at the corner if not using pre-made corners.



3. Place buttons at minimum of 3 inches from the end of each section.

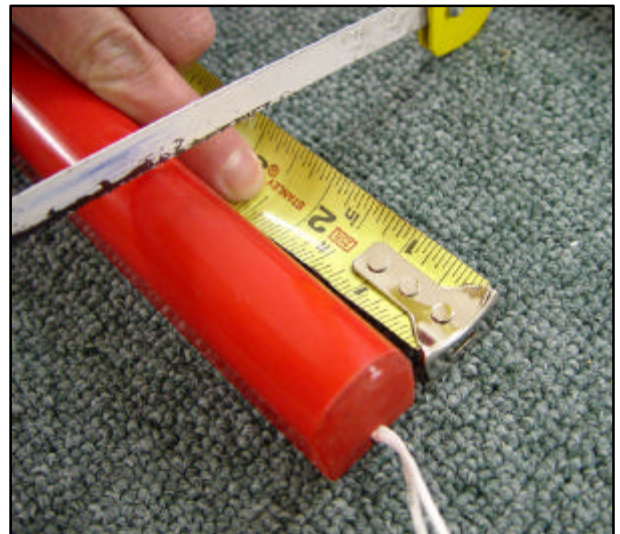


4. Drill holes for power input wires at every 32 ft increment or as required depending on the layout of the building.
5. Install **ActStrip Border Light** on the buttons. Sections may be snapped on the buttons or be slid in place.



6. Insert transformer output wire through the previously drilled holes. See wiring diagram for wire gauge.
7. T-Splice the input wire to the **ActStrip Border Light** with connectors supplied (see wiring diagram). Straight splice all other wires (see wiring diagram). Each of the terminal blocks in the transformer will support 32 feet of **ActStrip Border Light**. Each 32 feet must have a T-Splice at a Maximum of 16 feet which then goes to the transformer. Unequal sections are acceptable as long as they do not exceed 32 feet from T-Splice to T-Splice.

8. Whenever length adjustment is necessary, follow these rules:
- all **ActStrip Border Lighting** pieces can be cut at 1 foot increments.
 - If smaller adjustment is required, cut at 2.5 inch increments from the end. For example, cutting 7.5 inches from the end is ok, while cutting 6 inches will damage partial of the **ActStrip**.
 - Always make the cut at the end of the chain. Re-Install end caps with 3M super adhesive or clear silicone adhesive to create seal.

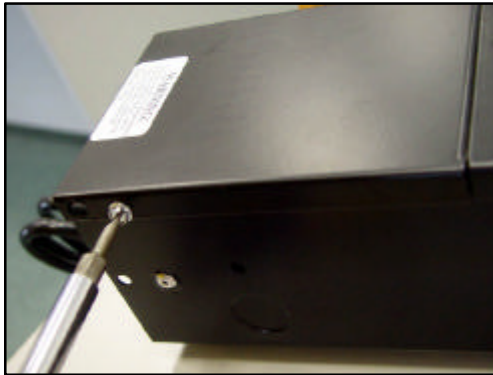


9. If modification is needed so that **ActStrip Border Lighting** can be cut and continued, please contact technical support at 1-888-228-6631 or (626) 856-8715.
10. Do not exceed 32 feet for each terminal output of the transformer. Total **ActStrip Border Light** footage for one transformer must not exceed 128 feet.

11. Test each section by applying 12V (cordless drill battery) to the end of the input wires.

12. Install transformers in the middle of every 120 feet Section whenever possible. Length of wire from the transformer to the **ActStrip Border Light** must be kept at minimum of 8 feet. See wire chart for wire gauge.

13. Screw in the low voltage wires into the connector strip in the transformer(s). Four sets of connectors per transformer. No polarity is required.



14. High voltage: Connect black transformer wire to black (hot), blue transformer wire to white (common).

15. Install an on/off switch next to each transformer. For outdoor application use weather-proof switch.

16. Turn on one transformer at a time and check for **ActStrip Border Light** to be fully illuminated. Turn the whole system on and check for uniformity.

FOR TECHNICAL SUPPORT:

Call **1-888-ACTONE1 (228-6637)**

Or **1-626-856-8715**