

Making a Connection

The entire rear electrode of Light Tape® is conductive allowing a connection to be easily made.

MATERIALS:

- a. Light Tape® lamp
- b. large connector wire w/ piercing pins “nics”
- c. needle nose pliers
- d. large connector caps with screws and butyl
- e. clamps/vice grip
- f. power supply
- g. drill/screwdriver

1. Hold nic (piercing pin) flush to the silver side of the lamp, one on each side of the split electrode midpoint. The pointed barbs on the nics should be facing the silver side of the tape.
2. Crimp the nics one at a time into the non-illuminating silver side of the lamp using flat head pliers. Make sure each nic is isolated on either side of split electrode midpoint (SEMP). Apply pressure to pliers until nics are secure and cannot be pulled out easily.
3. Using the power supply, test the connection to ensure it has been properly made.

*Do not touch the nics and exposed wires to avoid electrical shock.

4. Peel off paper backing from the butyl caps. There is a front and a back cap. Place the cap without threaded holes on the colored side of the lamp and the cap with threaded holes on the silver side. Screw the caps together and use clamps/vice grip to press connector into sealed position.

Note for Outdoor Applications: Butyl Caps are filled with weatherproof epoxy completely protecting connection from elements

