



## Installation Instructions for STRIP LIGHTS

<u>Red</u>	<u>Amber</u>	<u>Extreme LED</u>
420-410-6	420-410A-6	420-411-A
420-410-9	420-410A-9	420-411-R
420-410-12	420-410A-12	420-411-G
420-410-20	420-410A-20	420-411-P
		420-411-W

**NOTE: Read Instructions carefully before installing**

- Both ends of the strip light metal channel have one large hole and one small hole. The large hole is for the electrical lead wires. The small holes are for mounting.
  - Slide the end tips into the strip light channel aligning their holes with the channel holes. Place channel in position making sure that there is easy access behind the mounting surface for wiring. Mark location mounting holes for drilling.
  - The electrical lead wire hole should be  $\frac{1}{4}$ " diameter. If wires are to go through metal, protect them with a sleeve or grommet. The mounting holes should be  $\frac{5}{64}$ " or  $\frac{3}{32}$ " diameter. **DO NOT OVERTIGHTEN** the screws.
  - Mounting light strip into channel **IMPORTANT**: the vinyl plastic tube is **LONGER** than necessary to allow for thermal contraction. **DO NOT SHARPEN**- proper installation allows for this excess length.
- Step A:** Thread lead wires through large hole and press about 2" of vinyl length into channel from the tip inward.
- Step B:** At the other end of channel, press another 2" of vinyl length into the channel.
- Step C:** Secure about 2" of vinyl in the middle of the channel allowing equal amounts of "slack" to the ends.
- Step D:** Working from the middle to the ends, press the remainder of the vinyl inserts into the channel. Excess length will compress to fit **NEVER PULL OR STRETCH THE VINYL LIGHT TUBE**.- The strip light may be wired to 12 volt lighting circuit-one wire for power, the other to ground. For non-vehicle power, wire to a 12 volt converter, battery, transformer, etc. If electrical connections are exposed to any moisture, ensure they are sealed with silicone or putty. **DO NOT WIRE DIRECTLY TO 110 VOLTS.**
- If bending the strip light channel, be very careful. A minimum of a 2" radius for around corners. Do not bend inward.

