

# Easy LED™



## INTRODUCTION

Thank you for purchasing ParaGrafix's Easy LED, the easiest-to-use lighting system. Just cut, connect, and stick!

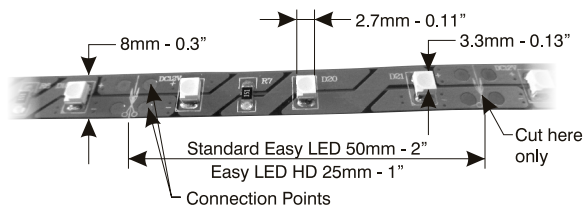
Easy LED can operate on 9 to 12 volts without the need for separate resistors. Use with batteries or off the shelf transformers. (The higher the voltage, the brighter the light.)

Please note that Easy LED is not for use in wet environments.

## Assembly

### Cutting

Simply cut the desired length from the spool. Cut only through the cutting area as shown above. Cutting anywhere else will cause the LEDs in that section to not work.

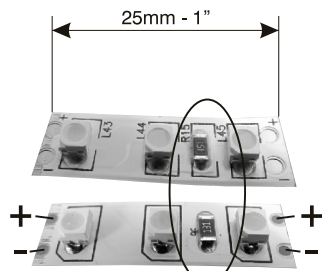
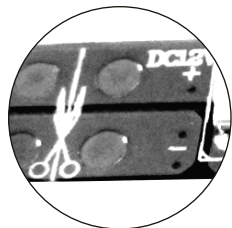


### Connecting

TIP: The easiest way to connect to Easy LED is with our solderless connectors. Solderless connectors (PGX152) are available in 2, 4, and 10 packs.

Once cut, solder or attach wires from your power supply (batteries or transformer) to the appropriate terminal on the Easy LED. Make sure to properly polarize your connections - positive (+) and negative (-) connections must be made properly or Easy LED will not light.

**IMPORTANT NOTE:** Please note that a manufacturing error has resulted in some Easy LED strips being made without the positive and negative terminals being indicated. To determine which is positive and which is negative, hold the strip so the resistor is on the right-hand side. The positive terminals are at the top, and the negative terminals at the bottom. See the illustration below.



Note resistor is on the RIGHT-hand side

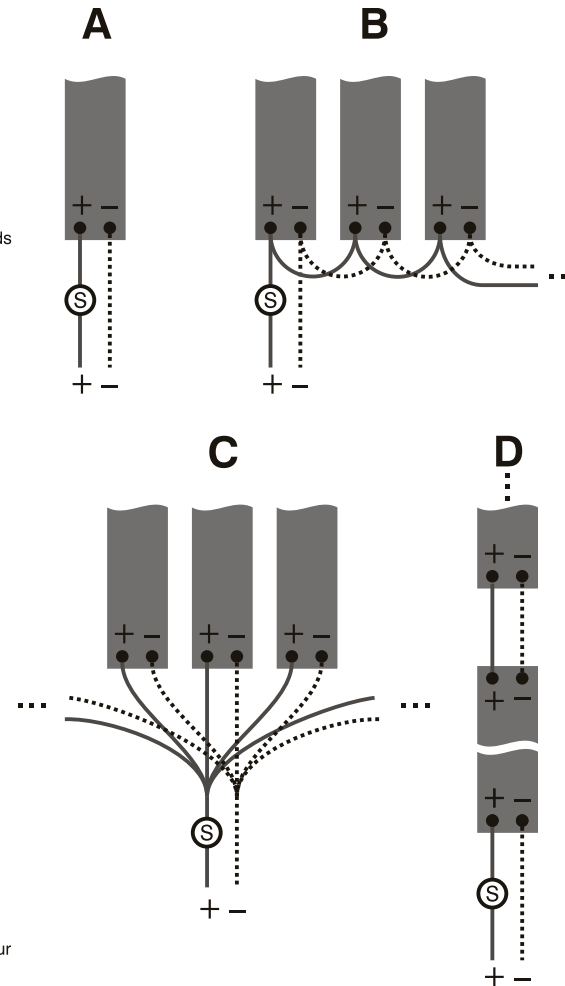
## Wiring Examples

**A:** A single Easy LED strip connected to the power supply

**B:** Multiple Easy LED strips connected in parallel using the "daisy chain" method.

**C:** Multiple Easy LED strips connected in parallel with all leads going back to the power supply.

**D:** Multiple Easy LED strips connected in series.



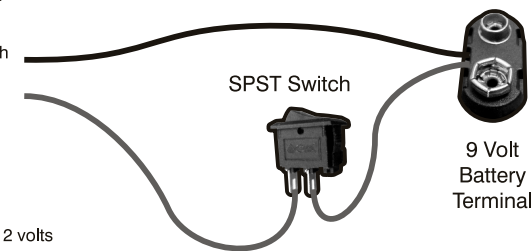
## Switches

If you want to add a switch to your Easy LED installation, simply cut one of the two wires leading from the battery terminal or transformer and solder a standard SPST (single pole, single through) switch in place. The illustration

See the illustration at right for an example of a SPST switch.

**Voltage:** 9 to 12 Volts (DC)

**Amperage:** 4ma per section at 12 volts



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