

# Easy LED™

**PGMS**  
**ParaGrafix™**  
Modeling Systems

## INTRODUCTION

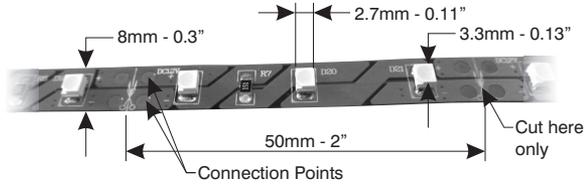
Thank you for purchasing ParaGrafix's Easy LED, the easiest-to-use lighting system. Just cut, solder, and stick!

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.

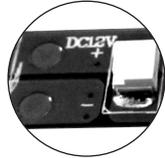


## Connecting

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 crimp 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.

You can insulate the connections, the cut end, and exposed connection points with normal electrician's tape or one of the many liquid insulating materials available at your local hardware store. Note that if you do not have other exposed wiring in your kit you can generally ignore insulating the exposed connection points.



## Sticking

Easy LED comes complete with a self-adhesive backing. Just peel off the release liner and stick Easy LED to most clean, smooth surfaces.

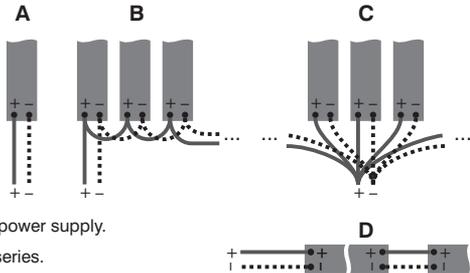
## Wiring Examples

**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.



**PGMS**  
**ParaGrafix™**  
Modeling Systems

**Voltage:** 6 to 12 Volts (DC)  
**Amperage:** 4ma per section at 12 volts

148 Rocklawn Ave.  
Attleboro MA 02703 USA  
+1 508-431-9800  
www.ParaGrafix.biz

Copyright © 2011 Paul H. Bodensiek. All rights reserved.  
ParaGrafix™, PGMS™, and Easy LED™ are TM Paul H. Bodensiek.