

# LED Connector

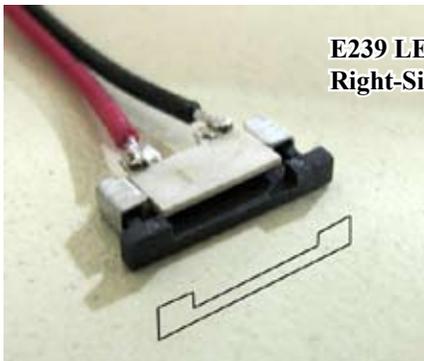
**E239 LED Connector** makes the connection from ExtraBrite Striplights to dollhouse wiring.

Build and electrify your project following accepted practices (visit [www.realgoodtoys.com/instructions/quickstart](http://www.realgoodtoys.com/instructions/quickstart) guide or the wiring section of the [dhubuilder.com](http://dhubuilder.com) website).

It is good wiring practice to keep the “+” and the “-” leads identified so you always know which lead you are connecting to (copper-to-copper and the blue-to-blue in tapewire or to use “marked” wire in solidwire) ; it is *essential* when you are using LED lights. This instruction will use speaker wire for the solid wire part of the hookup because it is striped on one lead.



E239 LED Connector

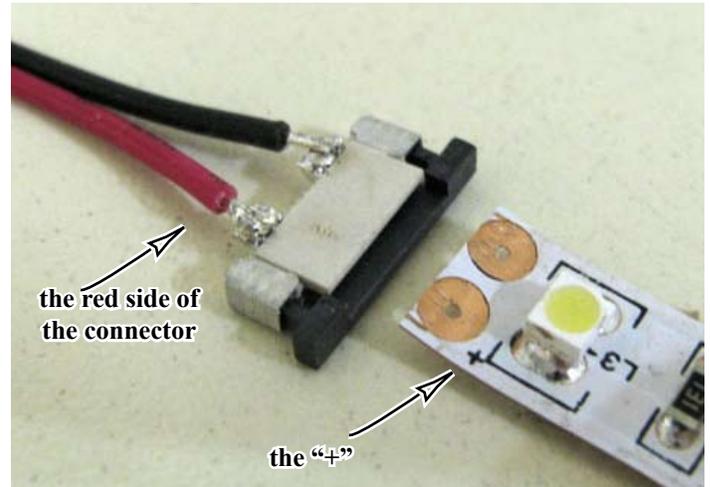


E239 LED Connector  
Right-Side-Up

The “Tray” slides out to receive the end of the ExtraBrite Striplight

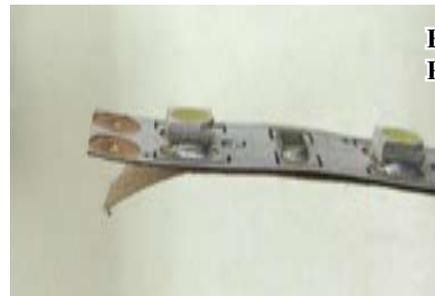


E239 LED Connector  
Up-Side-Down

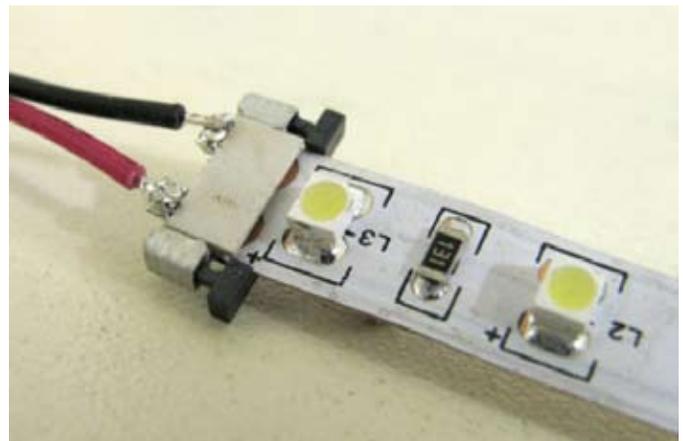


The “+” goes to the red side of the connector

**Note:** this connector works with all single-color striplights: two contact striplights (like above) or four contact striplights

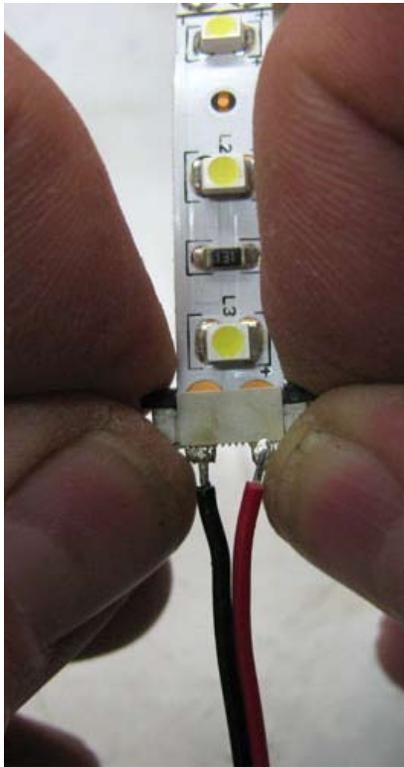


ExtraBrite LED  
Peel away the backing

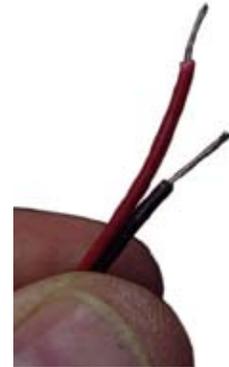


Open the Connector tray (Right-Side-Up) and push the end of the striplight all the way in

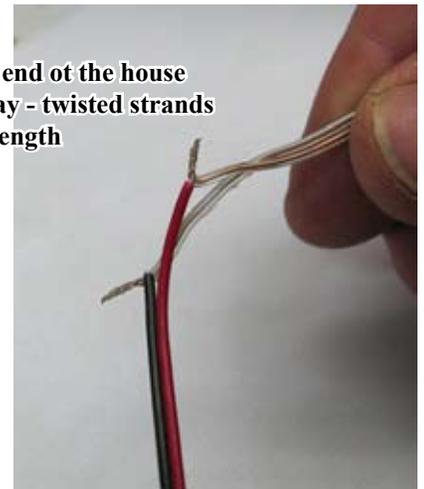
Squeeze the Connector all the way closed



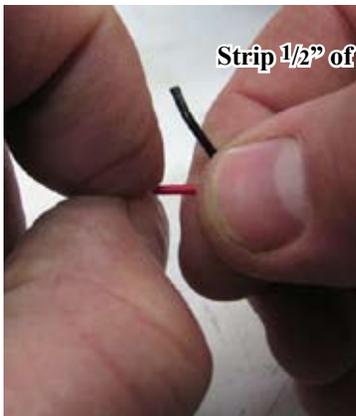
Solidwire:  
Twist the strands into a single wire



Solidwire: Set up the end of the house wiring in the same way - twisted strands and 1/2" different in length



Solidwire:

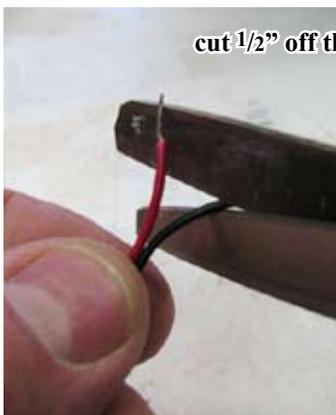


Strip 1/2" of insulation from a wire

Solidwire:  
Twist the Connector wires to the house wires and fold them in opposite directions. The red wire goes to the striped wire in every connection on the project.

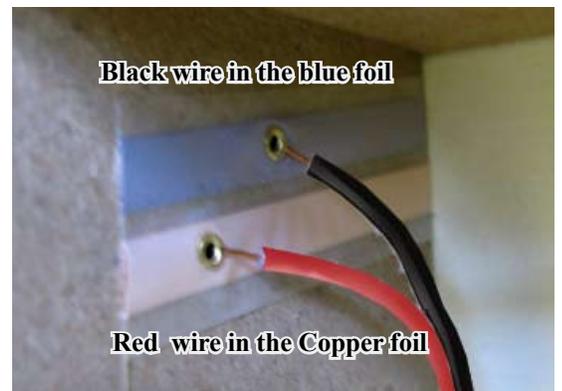


Solidwire:



cut 1/2" off the other wire

Tapewire: Eyelet the wires to the tapewire - red to copper and black to blue



Black wire in the blue foil

Red wire in the Copper foil