

How to: Wire a Dimmable Transformer

Using a **hardwired dimmable transformer** from Inspired LED, you can create a fully integrated LED system for your home or business. Our transformers take the 120V AC running through standard wires and convert them down to a more LED friendly 12V DC. When done properly, this simple install will allow you to utilize a compatible wall switch or dimmer in just a few simple steps...

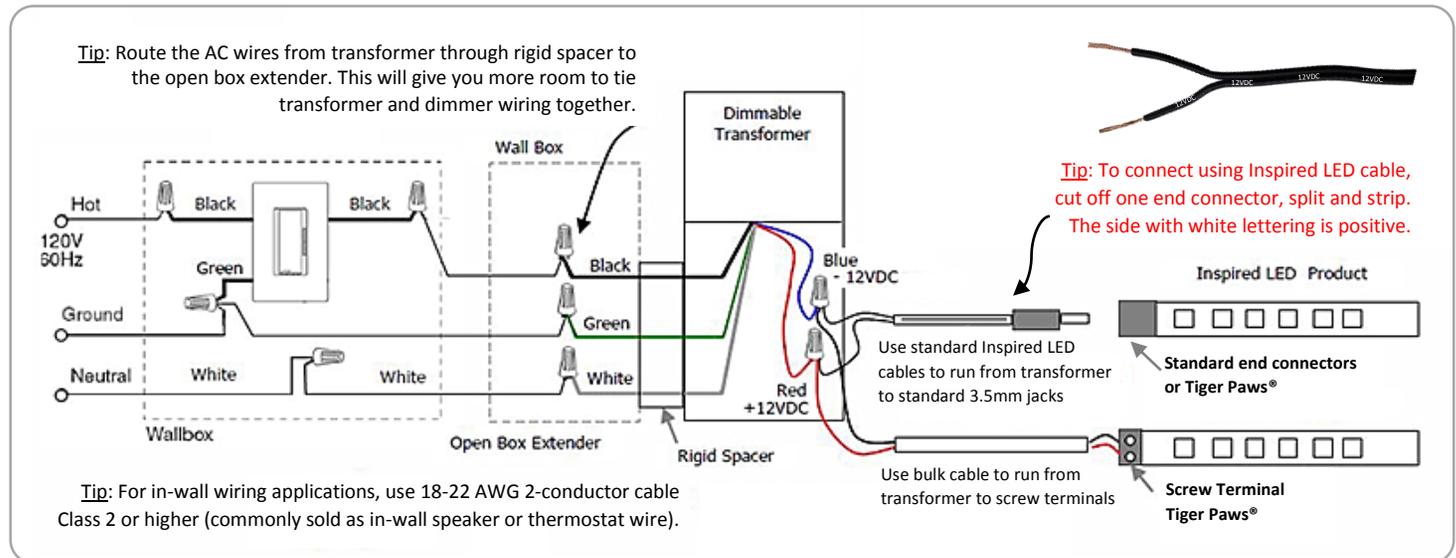
Important Note: This driver is to be installed in accordance with Article 450 of the National Electric Code by a *qualified electrician*. Transformers should always be mounted in well-ventilated, accessible area such as an attic or cabinet. Never cover or seal transformer inside of a wall.

To Install: You will need...

- Hardwire dimmable transformer
- Compatible wall switch
- 14-16 AWG Class 2 in-wall/armored cable
- 16-22 AWG thermostat/speaker wire **OR** Inspired LED interconnect cable
- Junction box(es) (optional if needed)
- Wire nuts & cable strippers

1 Turn off power to location where transformer is being installed, be sure switch and LEDs are in place

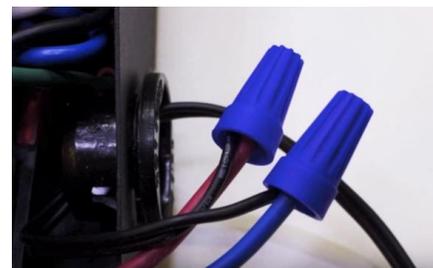
2 Open transformer and remove knockout holes to gain access to internal wiring



3 Using in-wall rated or armored cable, run wires from compatible wall switch through wall box or directly to location of transformer



4 Connect in-wall cables from switch to transformer using wire nuts: black (+) to 120V, green to ground, and white (-) to neutral



5 Connect transformer to low voltage LED wiring using wire nuts: red (+) positive, blue negative (-)
Note: If using Inspired LED interconnect cables, cut off one end connector, split and strip. The side with white lettering is positive.



6 Connect to LEDs with standard plug-in or screw terminal, mount transformer in well-ventilated area, turn on main power, and test switch