**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**