

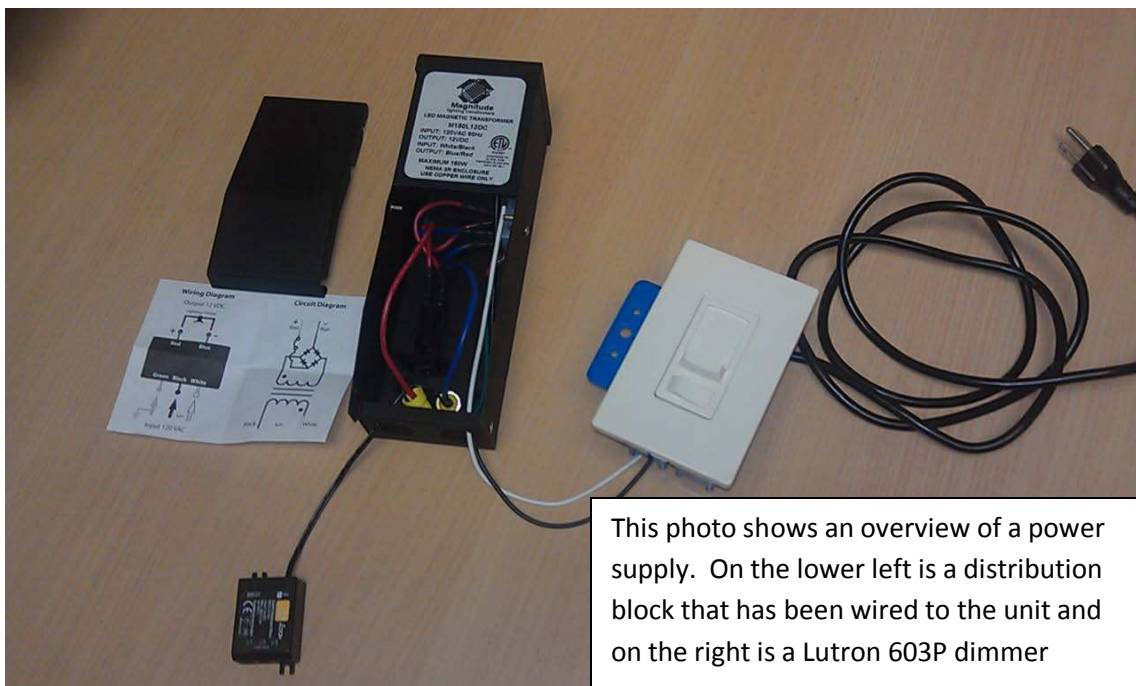
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FUNCTIONALITY FOR YOU

## Dimmable Magnetic Power Supply Installation Tips and FAQ's

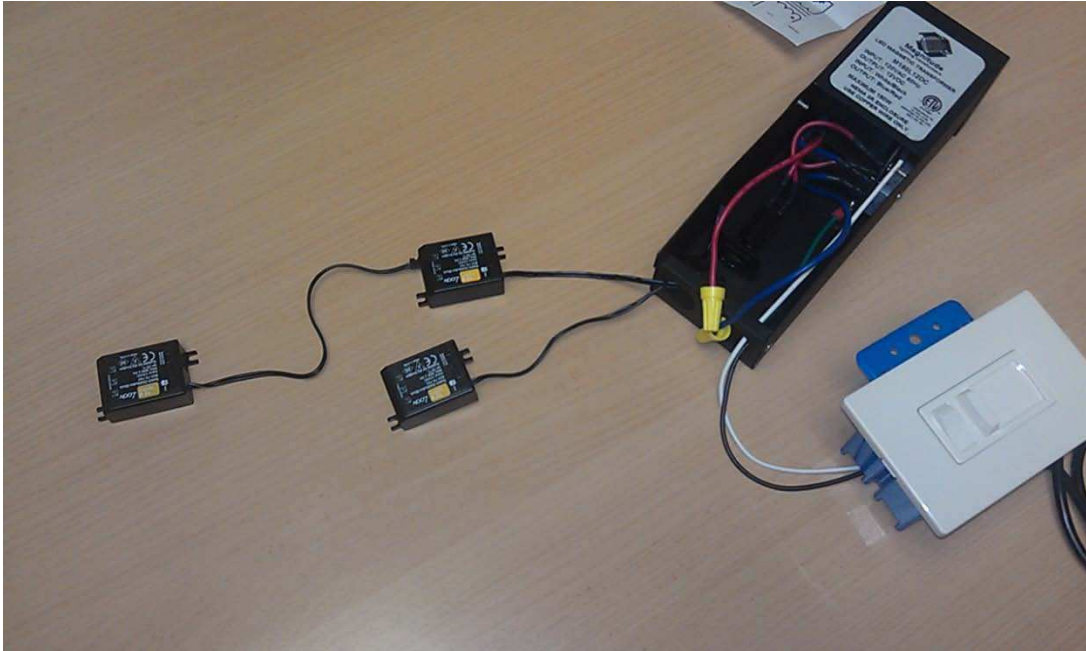
For 830.90.270 and 833.02.9xx series

1. This Power Supply is a hardwired unit and can only be installed by a certified electrician. Please observe and follow all local codes when specifying or using this product.
2. It is important to use a Dimmer Switch that is rated for use with CFL/LED lights.
3. If using a dimmer switch, there is no minimum load requirement for the power supply. If using a standard switch (On/Off), the load must be greater than 50% of the capacity of the driver.
4. To connect the LED lights to the power supply, you can plug the lights into a distribution block first and then hardwire the distribution block to the power supply. You can also hardwire the lights directly to the power supply. Below are some example pictures:



This photo shows an overview of a power supply. On the lower left is a distribution block that has been wired to the unit and on the right is a Lutron 603P dimmer

5. You can also plug multiple distribution blocks into each other in order to accommodate more lights. Just be sure not to exceed the maximum wattage of each distribution (s) block (30w total on each leg). This is especially important when running ribbon lighting as the wattage of a run is often more than 30w.



6. In the power supply are 4 wires: Red, Blue, White, and Black. The White and Black wires are for your incoming 110v power, and the Red and Blue wires are to connect to your LED lights. The Red is positive, and the Blue is Negative on the low voltage side. The Black is hot and the White is common on the 110v side. For the Loox LED wires that are attaching, the solid black wire is positive, and the wire with white hash marks is negative.



7. Here is an example of what the wiring to the dimmer switch should look like. Be sure to always follow the manufacturer's recommendations for wiring both the power supply and the dimmer switch.

