

# How to wire a Meanwell driver

Wiring up a Meanwell driver is a simple task. But even simple tasks can be confusing at times. With this in mind, we've written this step-by-step guide to wiring up Meanwell drivers correctly using 2-core cable. The Mean Well model in this guide may be different to the one you purchased but the procedure is the same. We strongly suggest contacting an electrician or someone with electrical knowledge if you are still uncertain.

In addition to your Mean Well power supply and the device you are connecting (in this example an LED light), you will also need:

- a screwdriver
- 3-core cable power lead
- LED light with 2-core cable
- voltmeter (to check the polarity of wires)
- Mean Well power supply

1. Take the power supply out of the box. At the front, you'll find connection terminals with screws. Locate the N (neutral), L (live) and  $\perp$  (ground) connectors.



2. Unscrew the L, N, and ground connections.



3. Take the 3-core power cable with plug, and connect each cable to the correct matching connection. The Brown cable should be wired to the L connection, and the Blue cable to the N connection. Finally, the Green/Yellow connects to the ground connection.

If the colours of your wires are different then you should use a voltmeter to check what is the polarity (live, neutral or ground). If you still do not know how to do this then contact an electrician.



4. Now take the LED tape you intend to power, and connect each of its cables to the correct connection. With 2-core cable, you should connect the Red/Brown lead connects to '+' and the Black/Blue lead to '-'.



5. Your Mean Well power supply is now fully connected, and ready to be used.

**WARNING** - Users of this Wiring Guide (the "Guide") are responsible to ensure that their electrical wiring is installed in a safe manner and in compliance with any applicable laws, regulations, by-laws and codes. Users rely on the information contained in this Guide at their sole risk and are strongly encouraged to seek the advice of a qualified electrician regarding their electrical wiring installations. Eyebot Limited shall not be liable for any injury, loss or damage caused to any person or property by reason of defects in any electrical wiring or in any improper installation of electrical wiring resulting from the use of this Guide.