Notes from moving to a beta build from breadboarding

Clean stripboard up after cutting tracks. Small bridges caused an Arduino reset loop that was hard to diagnose.

Designing and testing new circuit board with triac switch took more time than expected

Should have integrated the triac circuit in breadboard form

Check and double check component pinouts – they differ even in the same type and package

You need to use a resistor from a digital output when pulling a transistor – see <https://learn.sparkfun.com/tutorials/transistors/applications-i-switches> . Neglecting this led to flickering/half switching off.

Buy more 330R resistors.

Buy some multicolours cable that’s nicer to use than the rainbow ribbon cable from Jaycar.

In the next version, have an external port for the Arduino, a LED indicator of power, and external access to the contrast pot.