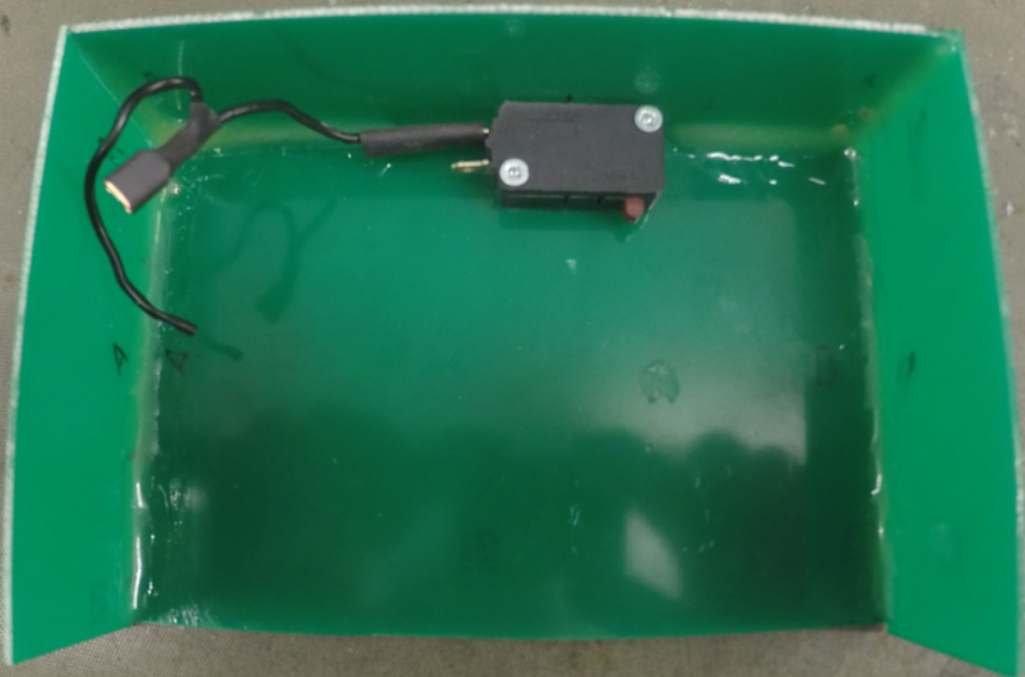
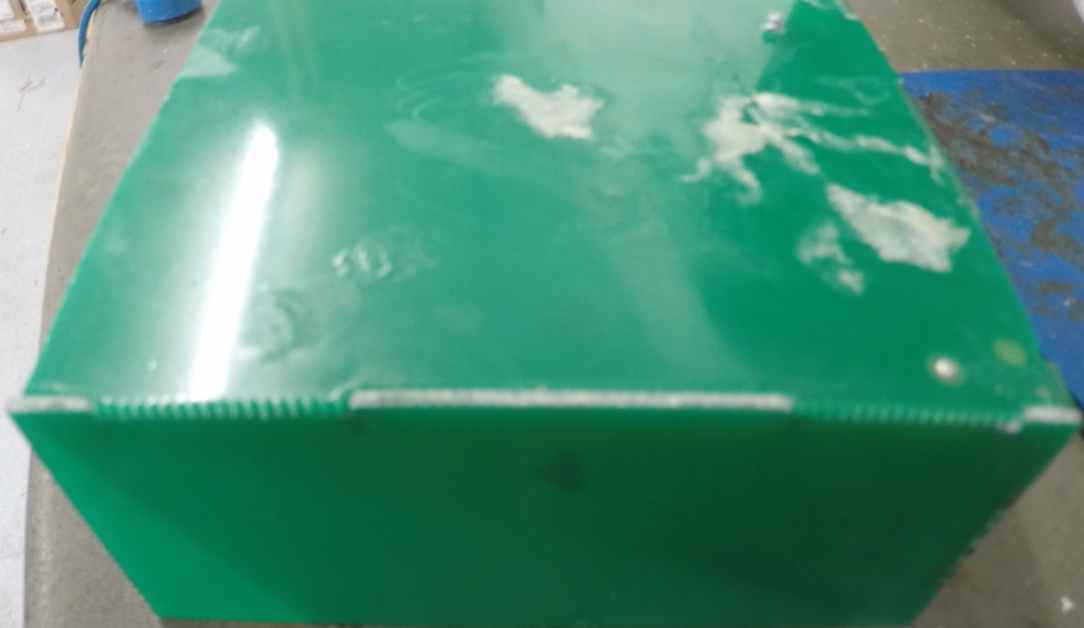


## Raytel 240V Mains Isolation Test Jig

The Raytel 240V Mains Isolation Test Jig was designed and built to make testing Raytel products Safer. Originally the Raytel UUT (Unit Under Test) was connected directly to mains, with the two bare wires (Live & Neutral) connected directly into the top of the product. This was considered unsafe and dangerous, so I designed and built an Isolation test jig to allow safer, less dangerous testing. The jig was constructed out of PCB material and glued together using araldite, a cable was inserted through the rear panel and soldered to a micro switch. The other side of the micro-switch was connected to two tongues that were fixed to the top panel of the jig. These tongues would make contact with the power pins on the Raytel UUT when it was fitted into the jig. At the same time the Raytel UUT would activate the microswitch allowing power to be applied to the tongues.

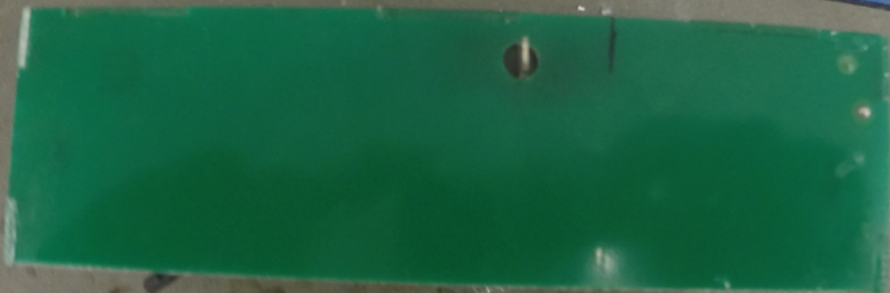


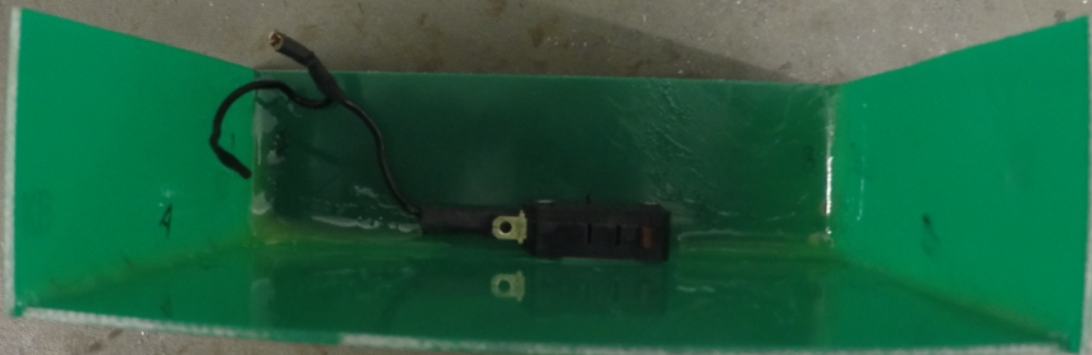










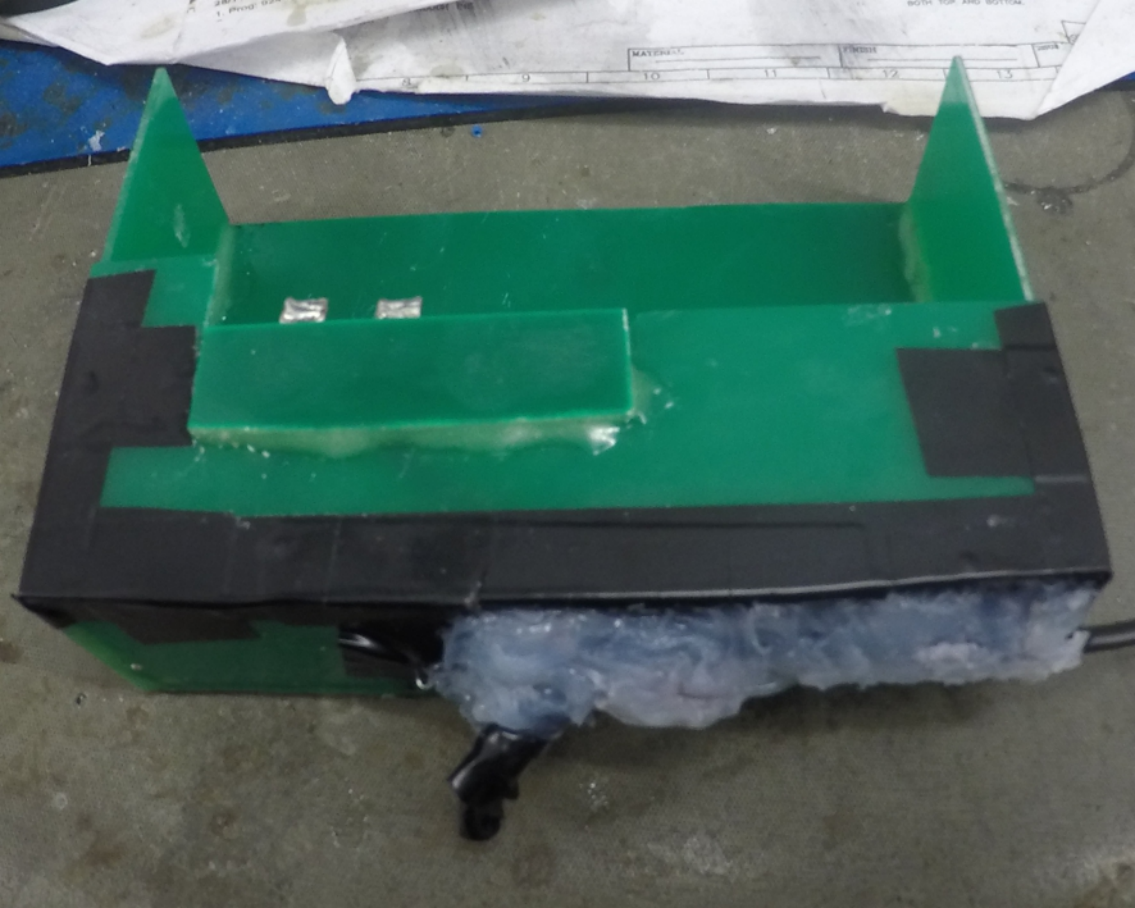


DATE	
TIME	
BY	

[illegible]

FOR FLUORESCENT TUBES IN POSITION  
USING GRADING TOOL.  
PUT A FULL TUBIN INTO  
EACH RESISTOR LED.  
INSERT THE LEGS INTO THE  
TUBIN TAPS AND SOLDER  
BOTH TOP AND BOTTOM.





1. Prod. 020

BOTH TOP AND BOTTOM

MATERIAL

FINISH

10 11 12 13



