

Multicolour Mood Lamp

Made by:



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DXCD Year 2
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EP1000 Introduction to Digital Fabrication

Integrates CAD, 3D Printing, Laser cutting,
Embedded systems with Input and Output to
create a module project.

Multicolour Mood Lamp



Wiring and Programming:
Arduino Nano, WS2812
RGB Neo Pixels Strip



Laser cut parts :
Box and lamp supports,
Acrylic lamp design



3D Printed parts :
Nano Casing



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- Uses WS2818 Neopixel RGB LEDs
- Clear acrylic for Lamp Graphics
- Touch switch button to change colours