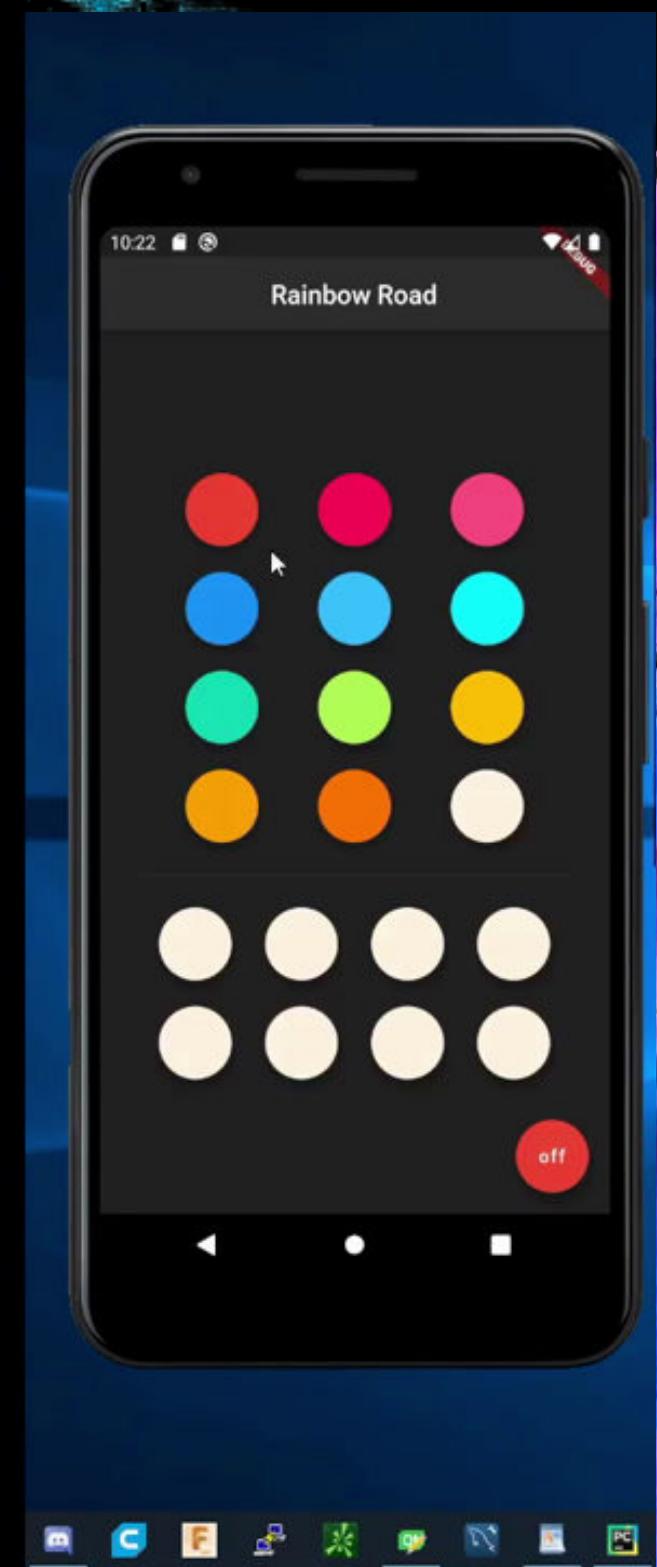


Rainbow LED Lamp



Description

3D printed Pine cone lamp that uses Led lights with programmed animations controlled through wifi!

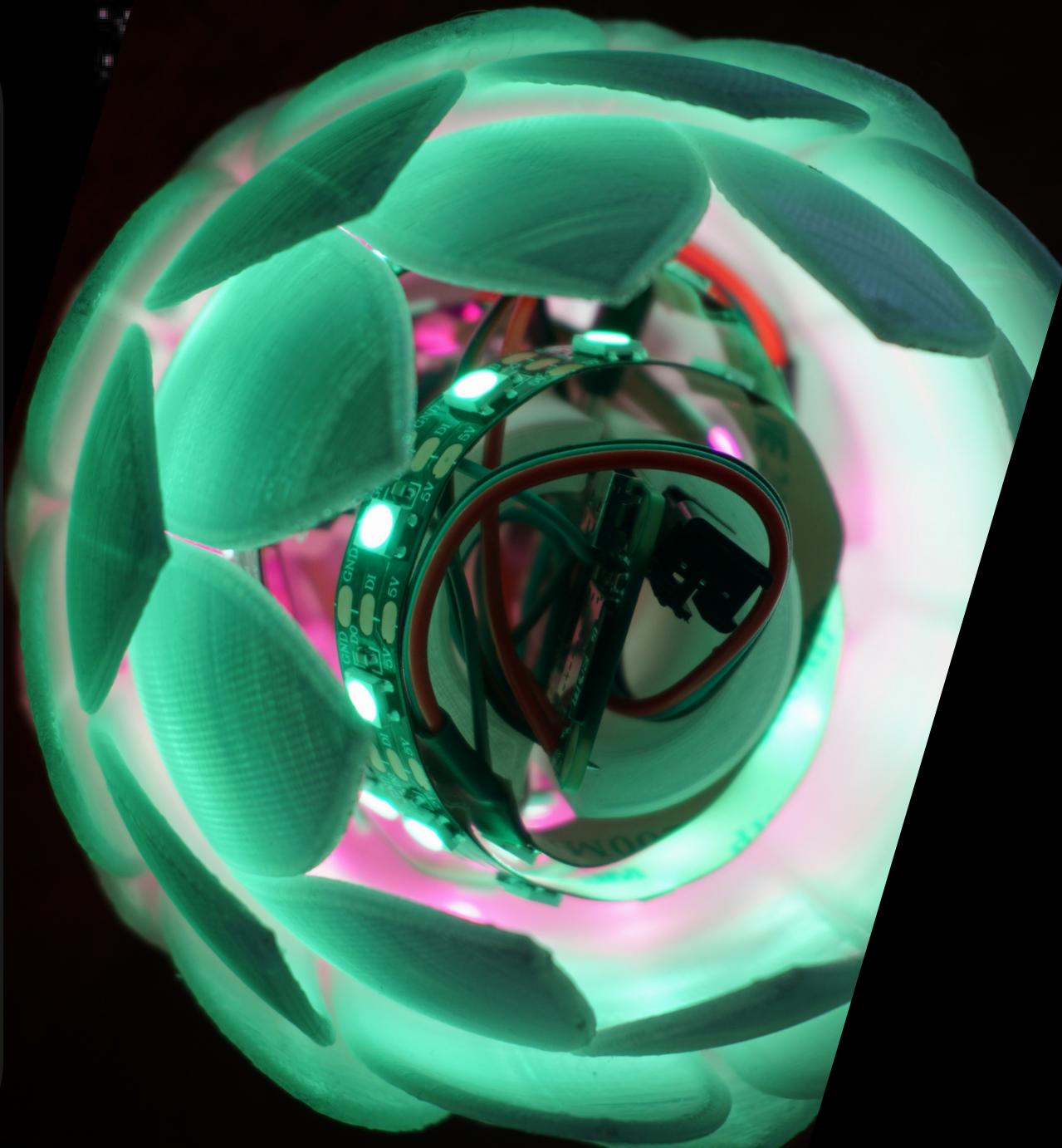
The lamp is 3D printed out of PLA from a 3D model that can be found online on Thingiverse. I used clear PLA plastic when printing the model so that the light can shine through the model brightly with a diffused look so the colors blend together nicely.



A Raspberry Pi Zero W is used to control the 60 pixel ws2812b led light strip with either a button glued to the back of the lamp or wirelessly through a web server

Tools Required

- Raspberry pi Zero W
- Ws2812b led light strip
- Push button
- wire
- Soldering iron and solder
- 3D printed lamp cover



Wiring Diagram

