



Wireless neopixel tube



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Summary

This model is used to make a 1000mm neopixel tube. The project uses an 18650 battery and ESP-01 running WLED.

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The project requires the following:

- 18650 battery and holder
- ESP-01 and WS2812 driver board
- ESP-01 programming jig
- HW107 battery charger
- Visipak 34.42mm ID HW Tube 1220mm
- Visipak Tuff Pak Vinyl Cap 31.75mm Black
- 1M of neopixels
- Push button switch
- Baking paper (you read it right)

Check the video for more details.

Note: While making the video I did notice a slight flaw in the design. It still works, just a bit weak at one point as initially, this had a slide switch. The push switch might put pressure on the end and snap. I will publish an updated version soon.

Model files



lampholderv3.stl



endcap.stl

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