



## Tally Light (Wemos D1 Mini and NeoPixel)



**StarkMan42**

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### Summary

This was my first try at designing a tally light case to use with Tally Arbiter software at my church. The case was...

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This was my first try at designing a tally light case to use with **Tally Arbiter** software at my church.

The case was designed to use-

- Wemos D1 Mini - Amazon
- NeoPixel Stick - [Adafruit](#)

Misc parts and pieces-

- 3- 6.5mm x 2.5mm magnets
- 2- M2 x 8mm
- 2- M2 Nuts
- 3- Short pieces of wire

The cameras we use are mounted to the underside of the balcony with poles and have a steel plate that the magnets attach too and hold the tally light in place. The cameras also have a usb port that allows me to power the tally light without any battery or external power supply.

I installed a slightly modified version of [Noah Callaway](#) script on the wemos to display preview and program output. I added startup feedback that flashes the neopixels during the startup and lights up solid when they finally connect to the wifi.

## Print Settings

### Printer Brand:

Prusa

### Printer:

Prusa Mini+

### Rafts:

Yes

### Supports:

No

**Filament:** ProtoPasta HTPLA

Category: Other

## Model files



tally\_light\_case.stl



tally\_light\_lid.stl

[Find source .stl files on Thingiverse.com](#)

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