

Kit contents*

- Pi Zero W
- Unicorn pHAT with 32 programmable RGB Neopixel LEDs
- Male and female 2x20 pin headers
- White and yellow pendant light stand and diffuser
- 50cm USB A to micro-B cable
- USB A (female) to micro B (male) adaptor
- Mini to full-size HDMI adaptor
- Sticker sheet (personalise your Mood Light!)
- Comes in a reusable kit box

*Just add your own micro-SD card

****Note that this is a soldering project, although you could use one of no-solder hammer headers!**

Mood Light uses our popular Unicorn pHAT board, with 32 programmable RGB Neopixel LEDs, giving you a veritable rainbow full of colour possibilities. The stand cleverly mounts the Pi Zero W and Unicorn pHAT at just the right angle to cast the light through the pendant light cutout and diffuse it beautifully.

The built-in wireless LAN on the Pi Zero W opens up a wealth of opportunities: connect it to your Twitter feed and track the mood of your recent tweets, or fade through the sunset and sunrise colours once you've pulled the daily sunset/sunrise times from your favourite weather server.

Features

- 8x4 matrix of programmable RGB Neopixel LEDs
- 3-layer white and yellow pendant light stand and diffuser
- Pi Zero W with single core CPU and built-in wireless LAN and Bluetooth
- Adaptor kit
- 50cm USB A to micro-B cable (power your Pi from an existing charger or computer)
- Python library <https://github.com/pimoroni/unicorn-hat>
- **Female and male headers require soldering**

Software

Our handy one-line installer will install the Unicorn pHAT Python library for you. We've included a bunch of examples too, to show off what you can do with Unicorn pHAT.

Notes

Assembled size of Mood Light is 85x125x70mm (WxHxD).



<https://shop.pimoroni.com/products/mood-light-pi-zero-w-project-kit> 7/13/17