



# WiFi Controlled Desk Lamp IKEA FADO



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[VIEW IN BROWSER](#)

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## Summary

This is simple rework of IKEA FADO desk lamp.

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Tags: [ikea](#) [ikeahack](#) [ikealamp](#) [fado](#)

This is simple rework of **IKEA FADO** desk lamp.

### BoM:

- 1x **IKEA Fado lamp**
- 1x WiFi\_Controlled\_Desk\_Lamp\_IKEA\_FADO\_Core.stl
- 4x WiFi\_Controlled\_Desk\_Lamp\_IKEA\_FADO\_Spacer.stl
- 4x Screw M3 x 30 mm
- 4x Nut M3
- 4x Washer M3
- 1x **Wemos D1 mini**
- 1x **Wemos ProtoBoard Shield**
- 4-8x WS2812B LED strips segments (10 LEDs in each segment)
- 1x TSOP4838 or TSOP38238
- 1x Resistor 470 ohm
- 1x Capacitor 1500uF 6.3V
- 1x **DC Power Pigtail Female cable**
- 1x **Any WLED compatible IR remote control**

## Software

**Wemos D1 mini** is running on WLED firmware.

More info about WLED project could be found on GitHub: <https://github.com/Aircoookie/WLED/>

Wiring guide: <https://github.com/Aircoookie/WLED/wiki>

Video: <https://youtu.be/nyGsl3\u8Sg>

## Print instructions

**Rafts:** No

**Resolution:** 0.2

**Infill:** 100%

**Filament:** Prusament PLA, ABS or PETG

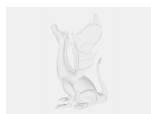
## This remix is based on



### WiFi Controlled Desk Lamp

by Stanley

## Model files



wifi\_controlled\_desk\_lamp\_\_ikea\_fado\_spacer.scad



wifi\_controlled\_desk\_lamp\_\_ikea\_fado\_spacer.stl



wifi\_controlled\_desk\_lamp\_\_ikea\_fado\_core.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com/)

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