



## floor lamp



sacrelege

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## Summary

led stripe floor lamp, no screws, no glue

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Tags: [lamp](#) [led](#) [stripe](#)

### Required filament

- Prusament PETG Galaxy Black
- Prusament PETG Clear

### Print instructions

- the shades are printed in "vase mode" with clear filament (without bottom layer)
- the shade at the very bottom is printed in galaxy black to hide the led controller inside
- no support
- 20% infill for everything (except the shades - vase mode doesn't have infill anyway)

### LED Stuff ordered from Aliexpress

- LED Controller: SP105E Bluetooth LED controller
- LED Stripes: DC12V WS2811 5050 60Leds IP30

- Power Adapter: 12V Power Adapter

## Assembly

1. Start with the at the very bottom
2. add black shade
3. insert LED controller + connect LED stripe (don't cut it yet)
4. add intermediate piece, push stripes thru first rail and stick it to the intermediate piece
5. add shade... repeat from step 4 until you reach the wanted height
6. cut LED stripe at the very top
7. add top cover (can be a bit tricky - patience is the key to success)

Reddit post (video)

- [https://www.reddit.com/r/prusa3d/comments/qczhk7/floor\\_lamp/](https://www.reddit.com/r/prusa3d/comments/qczhk7/floor_lamp/)

## Model files



**floorlamp-shade.stl**



**floorlamp-stand.stl**



**floorlamp-intermediate\_piece.stl**



**floorlamp-cover.stl**



**floorlamp-led\_rail.stl**

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