

## Voron V0 LED rail



CGrassin

[VIEW IN BROWSER](#)

updated 13. 3. 2023 | published 13. 3. 2023

### Summary

This mod is a LED strip holder for the Voron V0 3D-printer. It should hold any 10mm wide LED strip, but I used it with...

---

[3D Printers](#) > [3D Printers - Upgrades](#)

---

Tags: [thingiverse](#) [voron](#)

---

This mod is a LED strip holder for the Voron V0 3D-printer. It should hold any 10mm wide LED strip, but I used it with RGB WS2812 Individually Addressable LEDs. I used a 30 LED/meter (low density) strip to fit 5 LED per side. To make the wiring easier, I put them in parallel (see the wiring diagram in the files).

The LED are fully controllable by the firmware. I included a sample configuration Klipper file for the SKR mini E3 V2.0. I recommend making the LED macros easily accessible by using the Octoprint "Sidebar Macros" plugin (eg: On Full brightness, Off, On dim, ...).

Parts required per rail (double for each side; quadruple for both sides):

- 2 M3×8 BHCS screw
- 2 M3 nuts

Note: M3 nuts must be inserted on the inner side of the top extrusion. Fortunately, this can be done with minimal disassembly!

Other mods on my Voron V0:

- VORON V0.1 CR10 Hotend (Mini Afterburner mod) by me (<https://www.thingiverse.com/thing:5239499>)
- The Ultimate Spool Holder by filamentry (<https://www.thingiverse.com/thing:2047554>)
- V0 handles slim by Ch4rlesB ([https://github.com/VoronDesign/VoronUsers/tree/master/printer\\_mods/Ch4rlesB/V0\\_Handles\\_Slim](https://github.com/VoronDesign/VoronUsers/tree/master/printer_mods/Ch4rlesB/V0_Handles_Slim))
- AC input connector skirt by me (<https://www.thingiverse.com/thing:5239634>)
- A Raspi Camera support by me (to be published)

## Print Settings

### Printer:

Voron V0

### Rafts:

No

### Supports:

No

### Resolution:

0.2 mm

### Infill:

30%

### Filament:

Geetech ABS

Black

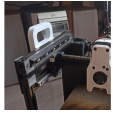
### Notes:

Print in **ABS**, no support required.

Note: this part fits in the V0 printing volume.

Category: 3D Printer Parts

# This remix is based on



**Voron V0 LED rail**

by CGrassin

## Model files



**led\_ramp.stl**

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

## License ©

This work is licensed under a  
**GNU**

**Lesser General Public License**



- 
- ✗ | Sharing without ATTRIBUTION
  - ✓ | Remix Culture allowed
  - ✓ | Commercial Use
  - ✓ | Meets Open Definition