



Luke Skywalker's Lightsaber - Star Wars



UnimatrixRed

[VIEW IN BROWSER](#)

updated 29. 8. 2025 | published 29. 8. 2025

Summary

Detailed kit to build Luke's green-bladed weapon.

[Costumes & Accessories](#) > [Props](#)

Tags: [cosplay](#) [star](#) [wars](#) [jedi](#)

Update October 22 2022 - Added a whole version of the grip for anyone who wanted it.

Here is my Luke Skywalker lightsaber featuring a slide-open control box to reveal the internal circuitry as featured in a deleted scene from Return of the Jedi. Took a bit of effort to get the circuit to look like the one in prop photos.

Use supports for the control box.

The circuit board uses color swapping to get multiple colors with a single print nozzle. It needs a smaller nozzle for all the detail to show but also works with regular .4mm just with less detail. I used a .25mm nozzle for it. For the little wires, I printed a flat red disc with a skirt and used the skirt material for the wire, but I also included a model for it.

Filaments used

Ziro silk silver PLA, CC3D silk copper PLA, Overture matte black PLA.

Here is a guide that explains how color swapping works, at least with Prusaslicer: https://help.prusa3d.com/en/article/color-change_1687

Please note this is not the same design as the one I posted on Thingiverse a while back--that was a remix of CaseStudyno8's Luke lightsaber and this one is a new model made for Printables.com. Props to CaseStudyno8 for the inspiration.

Buy prints of this model:

Trekkie Time ebay - [https://www.ebay.co.uk/str/trekkietime?](https://www.ebay.co.uk/str/trekkietime?mkcid=16&mkevt=1&mkrid=711-127632-2357-0&ssspo=L8Jhl2TIS9e&sssrc=3418065)

[mkcid=16&mkevt=1&mkrid=711-127632-2357-0&ssspo=L8Jhl2TIS9e&sssrc=3418065](https://www.ebay.co.uk/str/trekkietime?mkcid=16&mkevt=1&mkrid=711-127632-2357-0&ssspo=L8Jhl2TIS9e&sssrc=3418065)

Trekkie Time Etsy - <https://www.etsy.com/shop/trekkietime/?etsrc=sdt>

Model files



luke-skywalkers-lightsaber-neck-copper.stl



luke-skywalkers-lightsaber-emitter-silver.stl



luke-skywalkers-lightsaber-emitter_tip-silver.stl



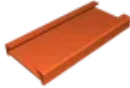
luke-skywalkers-lightsaber-middle_hilt-silver.stl



luke-skywalkers-lightsaber-control_box_solid-silv.stl



luke-skywalkers-lightsaber-switch_board-copper-bl.stl



luke-skywalkers-lightsaber-switch_casing_solid-co.stl



luke-skywalkers-lightsaber-collar_silver.stl



luke-skywalkers-lightsaber-d_ring.stl



luke-skywalkers-lightsaber-collar_black.stl



luke-skywalkers-lightsaber-control_box-silver.stl



luke-skywalkers-lightsaber-triangle_led-green-red.stl



luke-skywalkers-lightsaber-switch_casing-copper.stl



luke-skywalkers-lightsaber-pommel-silver.stl



luke-skywalkers-lightsaber-grip_base-black.stl



luke-skywalkers-lightsaber-grip_silver_discs.stl



luke-skywalkers-lightsaber-grip_black_discs.stl



luke-skywalkers-lightsaber-lower_hilt-silver.stl



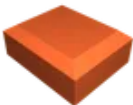
luke-skywalkers-lightsaber-panel-silver.stl



luke-skywalkers-lightsaber-black_switch.stl



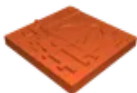
luke-skywalkers-lightsaber-grip_top-black.stl



luke-skywalkers-lightsaber-circuit_small.stl



luke-skywalkers-lightsaber-capacitor.stl



luke-skywalkers-lightsaber-chip_large.stl



luke-skywalkers-lightsaber-wire.stl



luke-skywalkers-lightsaber-circuit.stl



luke-skywalkers-lightsaber-circuit_board_whole.stl



luke-skywalkers-lightsaber-grip_whole.stl

License

This work is licensed under a
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by/4.0/)



Attribution

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