

Demon Core Lamp



Bergi X

[VIEW IN BROWSER](#)

updated 26. 1. 2021 | published 26. 1. 2021

Summary

This decorative lamp is inspired by the Demon Core and the early criticality experiments carried out during the...

[Art & Design](#) > [Sculptures](#)

Tags: [lamp](#) [demon](#) [core](#) [bomb](#) [atomic](#) [plutonium](#)

This decorative lamp is inspired by the Demon Core and the early criticality experiments carried out during the Manhattan Project in Los Alamos, New Mexico, USA. The Demon Core's fascinating story can be found here:

https://en.wikipedia.org/wiki/Demon_core

Print instructions

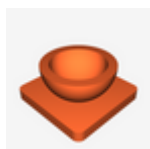
You should be able to print the upper and lower reflector easily without any supports. Use a nice contrasting color to print the spacer blocks.

There are two versions of the core. If you have transparent or translucent PETG, use the 0.5 mm version. If you only have access to colored PLA, print the core as thin as you can. Nevermind that the top of the core might turn out a little perforated, the upper reflector can hide this part of the core.

The lower reflector has enough room for electrical wiring. I suggest you use some cheap USB-powered fairy lights. Use low-power light sources and be careful not to melt or burn the material!

Finally, use the spacer blocks to prop up the upper reflector as precariously as you dare.

Model files



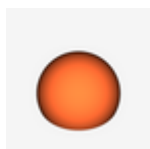
lower_reflector.stl



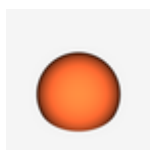
upper_reflector.stl



spacer_block.stl



core_0_5mm.stl



core.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