



Lithophane Stand Light Box LED



HoytDesign

[VIEW IN BROWSER](#)

updated 12. 4. 2022 | published 5. 2. 2020

Summary

This is a lithophane light box that I designed in order to use flexible LED strip lights as the lighting source.

[Art & Design](#) > [Other Art & Designs](#)

Tags: [box](#) [light](#) [led](#) [lithophane](#) [stand](#) [lithophanestand](#)

This is a lithophane light box that I designed in order to use flexible LED strip lights as the lighting source. The inside of the box has channels for routing the lights to get even back lighting on your lithophane. I add a few drops of super glue in addition to the adhesive tape on the lights to make sure they stay in place over time.

The cord relief is a press fit into the back and helps prevent the lights getting stressed if the cord is pulled on. The lithophane fits into the frame tightly as there are 2 small bumps at the bottom to hold it in place.

Lithophanes created using Flat Lithophane Maker

<https://lithophanemaker.com/Framed%20Lithophane.html>

Width=120

Height=160

Depth=7.5

A couple lights I have used:

https://www.amazon.com/gp/product/B07T489JHF/ref=ppx_yo_dt_b_asin_title_o03_s00?ie=UTF8&psc=1

https://www.amazon.com/gp/product/B015JV9QJK/ref=ppx_yo_dt_b_asin_title_o03_s01?ie=UTF8&psc=1

Print instructions

Unassociated tags: light box, lithophane box

Category: Art Print Settings

Printer Brand: Prusa

Printer: I3 MK3S

Rafts: No

Supports: No

Resolution: 0.2

Infill: 15%

Filament: E-Sun PLA+ Black

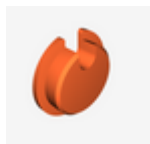
Notes:

I used 3 perimeters to help prevent light showing through, depending on the filament color.

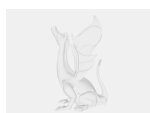
Model files



lightbox_frame.stl



lightbox_cordrelief.stl



lightbox_frame.step

License ©

This work is licensed under a
Creative Commons (4.0 International License)



Attribution

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