



Stranger Things lamp



MarekS

[VIEW IN BROWSER](#)

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Summary

Stranger things rotational lithophane lamp



107.41 hrs



7 pcs



0.20 mm
0.10 mm



0.40 mm



PLA



530 g



Prusa
MK3/S/S+

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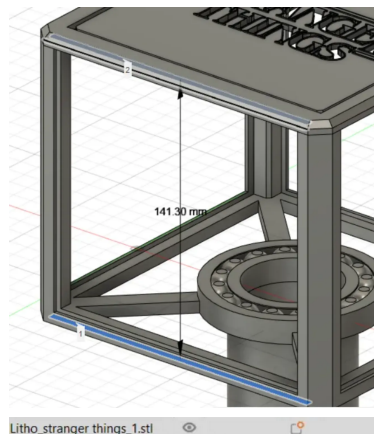
Hey all,

I would like to share with you my design of stranger things lithophane rotational lamp. For those who are not familiar with printing lithophanes i decided to add G-code for all STL files so it would be much easier for you. It take a while to print all parts, but to me it definitely worth it.

Now regarding to assembly, I belive it is not so confusing how to put these parts together. You will have to use little bit of super glue to connect holder and frame with bearing. On top of the holder are 3 very small lead

pins for positioning with bearing (3 holes inside bearings). Rest of the part are not necessary to glue (in case you want to change litho pictures etc.)

Lithophanes have to be perfectly cleaned from the brim - they should fit inside the slots in the frame. It is designed with 0.2 - 0.3 mm clearance so it should snap with little bit of force.



Umístění s objektem				
Uvolněná souřadnice	X	Y	Z	
Uvolněná:	106,53	74,26	70,51	mm
Uvolněná:	0	0	0	°
Uvolněná:	100	100	100	%
Uvolněná:	150	3	141,02	mm

Hole inside holder and bearings is 48mm which was designed for my light bulb socket. Regarding to installing light bulb and socket, you will maybe have to improvise bit and print yourself reduction or something like that. My light bulb socket is for E27. However if you will need some dimensions change to be able to assembly bulb socket, leave me a message and i will try to do some modification.

And i really recommend to use smart light bulb, because as you can see on pictures, it is look really cool :-)

In case you will have any further questions, leave me a message here.

If you are happy with my design and you wanna appreciate my design or support my future designs, you can leave me a small tip, it will be much appreciated.

Have a nice printing :-)

Model files



stranger-lamp-top-construction-plate.stl



stranger-lamp-holder.stl



stranger-lamp-frame_and_bearing.stl



stranger-lamp-top-plate.stl

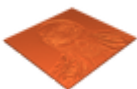
☐ Do not forget on layer change



litho_stranger-things_1.stl



litho_stranger-things_2.stl



litho_stranger-things_3.stl



litho_stranger-things_4.stl



litho_stranger-things_5-alternative-not-tested.stl

Print files



stranger-lamp-holder-and-top-consrtuction-plate_02m... .gcode

🌀 PLA 📏 0.40 mm 📐 0.20 mm ⌚ 9.42 hrs ⚖️ 111 g 🖨️ Prusa MK3/S/S+



stranger-lamp-top-plate_02mm_pla_mk3s_3h41m.gcode

🌀 PLA 📏 0.40 mm 📐 0.20 mm ⌚ 3.69 hrs ⚖️ 50 g 🖨️ Prusa MK3/S/S+



stranger-lamp-frame-and-bearing-_02mm_pla_mk3s_12h5... .gcode

🌀 PLA 📏 0.40 mm 📐 0.20 mm ⌚ 12.91 hrs ⚖️ 121 g 🖨️ Prusa MK3/S/S+



litho_stranger-things_3_01mm_pla_mk3s_18h22m.gcode

🌀 PLA 📏 0.40 mm 📐 0.10 mm ⌚ 18.37 hrs ⚖️ 64 g 🖨️ Prusa MK3/S/S+

☐ Use white or light color filament



litho_stranger-things_1_01mm_pla_mk3s_19h41m.gcode

🌀 PLA 📏 0.40 mm 📐 0.10 mm ⌚ 19.69 hrs ⚖️ 59 g 🖨️ Prusa MK3/S/S+

☐ Use white or light color filament



litho_stranger-things_2_01mm_pla_mk3s_21h53m.gcode

🌀 PLA 📏 0.40 mm 📐 0.10 mm ⌚ 21.89 hrs ⚖️ 69 g 🖨️ Prusa MK3/S/S+

☐ Use white or light color filament



litho_stranger-things_4_01mm_pla_mk3s_21h26m.gcode

🌀 PLA 📏 0.40 mm 📐 0.10 mm ⌚ 21.44 hrs ⚖️ 55 g 🖨️ Prusa MK3/S/S+

☐ Use white or light color filament

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