



Lithophane Lamp

A **Wiikendz**

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Summary

Made for four 90x90x3mm Lithophanes with 3mm frame, I have included a text file with the site I use and what settings.

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230102: Added Base and Roof with slightly bigger tolerance since some had issues with the fit being too tight, Original parts have 0.5mm overall, parts with increased tolerance has 1mm overall.

Base and Frame printed in 0.2 with 15% infill. Roof printed in 0.1 with 15% Infill.

Support needed on the Base.

The base has a 29mm hole to put a lightsource through, I use an E14 LED-Lamp.

I recommend using SuperSlicer, enabling only One Perimeter on first layer aswell as Hilbert Curve pattern on the bottom layer for a good looking surface on the base as the printed bottom will be upwards when assembled.

Model files



base.stl

0.2 Layer Height



frame.stl

0.2 Layer Height



roof.stl

0.1 Layer Height

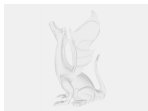
base-slightly-bigger-tolerance.stl

0.2 Layer Height - Increased tolerance by 0.5mm

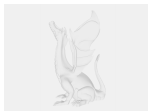
roof-slightly-bigger-tolerance.stl

0.1 Layer Height - Increased tolerance by 0.5mm

Other files



lithophane-settings.txt



lithophane-settings-simplified.txt

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