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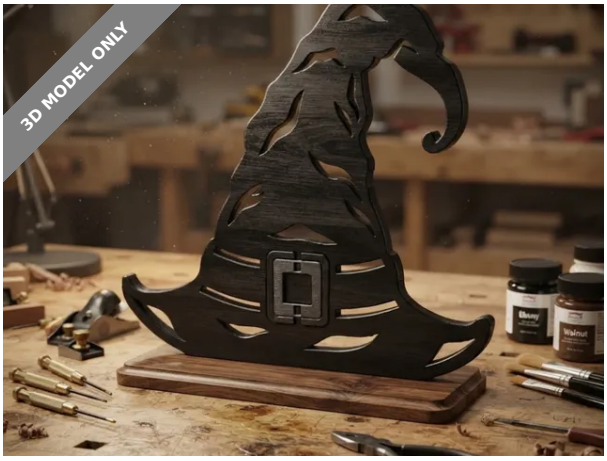

Wicked Witch's Hat Display / LED Backlit Accent Piece

DPs_Designs

VIEW IN BROWSER

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Summary

Tabletop LED witch's hat display! Lithophane dual-glow options, hollow LED channel & cord pass-through base.

Household > Home Decor

Tags: halloween led lithophane decor backlit spooky witch nightlight halloweendecor witchhat accentlight gothicdecor tabletopdisplay woodworkingtemplate deskaccent

Bring a magical Halloween glow to your desk, shelf, or mantel with this tabletop LED witch's hat display! Featuring a classic crooked witch's hat complete with buckle detail and flame-like cutaways, this piece casts an eerie glow day or night.

This model offers two distinct faceplate options:

- **Standard Cut-Through Version:** Features a solid 0.1875″ front face with open cutaways, perfect for direct backlighting and sharp silhouette contrast.

- **Lithophane Dual-Glow Version (V2):** Features an ultra-thin 0.0314″ (0.8mm) face layer. When illuminated, bright light shines through open cutouts while scattering a soft, ambient glow across the face of the hat!

Originally conceptualized as a custom woodworking project, this model has been fully adapted for 3D printing with precise tolerances, hidden wire routing, and customizable lighting options. Print it as a standalone desk accent, or use it as a physical template guide for scroll saw or router woodworking!

Be sure to explore the rest of my lighting collection here: **Illuminated Silhouette Collection**

Key Features:

- **Dual Design Options (Standard vs. Lithophane V2):** Choose between the solid 0.1875″ cut-through face or the V2 lithophane version with an ultra-thin 0.0314″ shell for a dual-glow effect.
- **Precision Fit & Wire Management:** The base features built-in alignment insets and tabs to securely slot the display upright, along with a discreet rear slotted pass-through to route power cords cleanly out the back.
- **Versatile LED Backlighting Options:** Designed with a hollowed-out rear cavity for mounting LED light strips. Choose between a standard base or an optional base with an integrated inset to run an LED strip directly across the base itself!
- **Optional Rear Light Shield (for V2):** Includes a matching backplate that fastens with standard hardware using pre-modeled mounting holes to direct light forward and hide wiring.
- **Woodworker & Hybrid Friendly:** Functions as a physical template guide if you prefer cutting real wood for a hybrid build!

Dimensions

- **Base:** 8″ × 3″ (0.5″ rounded corners) × 0.375″
- **Width:** 9″
- **Height:** 8.5″
- **Total Assembled Height:** 8.875″
- **Thickness:** 0.375″

Print Settings

- **Material:** PLA or PETG
- **Layer Height:** 0.12mm to 0.20mm (0.12mm recommended for optimal lithophane translucency on V2)
- **Infill:** 20%+ (Gyroid or Grid)

- **Orientation:** Print flat face down on the build plate for a smooth surface finish.
- **Supports:** None required

Looking for a wall-mounted version instead?

Check out my companion listing here:

Model files

witch_hat.stl

witch_hat_v2.stl

witch_hat_back.stl

witch_hat_base.stl

witch_hat_base_ls.stl

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