



Stacked Bat Lantern



Laptop-Guy

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Summary

Stacked Bat Lantern LED Tealight or Votive Candle Holder Halloween Decoration This is a 100x60x60mm Halloween LED...

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Stacked Bat Lantern LED Tealight or Votive Candle Holder

Halloween Decoration

This is a 100x60x60mm Halloween LED tealight or votive lantern.

The thin print settings make this lantern glow with light from the flicker of LED candles.

Easy print, easy assembly.

Inspired by my previous design [Stacked Pumpkin Lantern](#)

See my follow-up designs [Spider Web Lantern](#)
and [Fall Leaves Lantern](#)

Print Settings

Printer Brand:

FlashForge

Printer:

Adventurer 3

Rafts:

Yes

Supports:

No

Resolution:

.20

Infill:

100%

Filament: BIQU, Enotepad PLA Matte Black, Twinkle Black

Notes:

I used a 2 layer raft to get the thin areas of the panels clean. The panels are thin prints, only 3mm thick so the light can glow through them and they print fast.

Use 100% infill or 3mm worth of shell for the panels.

The base I just did at my printers default fast profile .3mm layer and 15% infill.

For the panels I did the first layers in Matte Black then pause filament change to Twinkle Black for the top 6 bats to add sparkle. The base I used Flashforge Black for its shine and to keep the whole design in shade of black.

Post-Printing

Easy Assembly

Print 4 frames and the base which has a groove to help hold the panels square.

For assembly, to fit the base, each panel attaches left inside and right on end.

See previous design [Stacked Pumpkin Lantern Assembly](#)

Stick them together with double side tape or glue. I used Glue Dots 22263E Adhesive Glue Line, Clear. These or similar "craft glue dots" are easy to rearrange, hold well and are removable so it can be flattened for storage.

The groove on the base is meant to hold the panels inserted into it. I assembled the sides put glue strips on a couple spots on the bottom edges then tapped the assembly down into the base groove with the palm of my hand.

4 Printed Panels & 1 Base

Apply Glue Dot Line to left edge

How I Designed This

Copy and replace

I used my previous Stacked Pumpkin design's frame and base. Cleared out the pumpkins, got a bat clipart free SVG file from a google search. I did multiple rotations, resize and thickness adjustments until I filled in the frame to my liking.

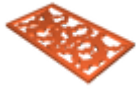
Exported the base and panel into my FlashPrint slicer and setup the various print parts.

Category: Decor

Model files



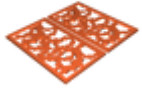
stacked_bat_lantern_base.stl



stacked_bat_lantern_1_panel.stl



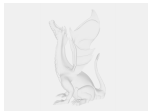
stacked_bat_lantern_base_and_panel.stl



stacked_bat_lantern_2_panel.stl



stacked_bat_lantern_2_panel.obj



stacked_bat_lantern_base_and_panel.obj

[Find source .stl files on Thingiverse.com](#)

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