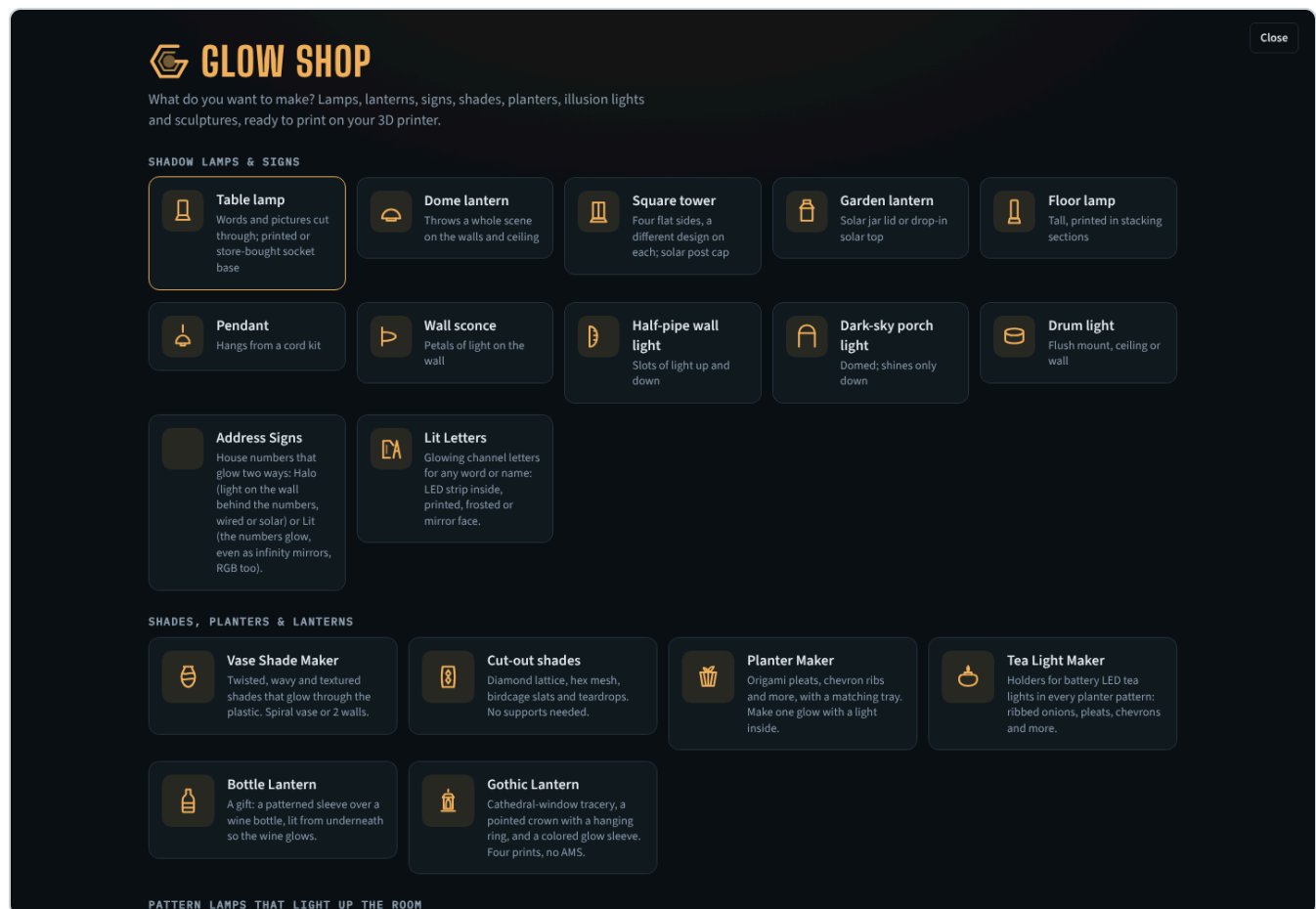


GLOW SHOP

How to use it · Version 0.98 · October 2026

Glow Shop designs lamps, lit signs, illusion lights and sculptures for your 3D printer. Pick what to make, change it until it looks right in the 3D preview, then download files that are ready for your slicer, with the print settings already in them, a list of what to buy, and step-by-step notes.



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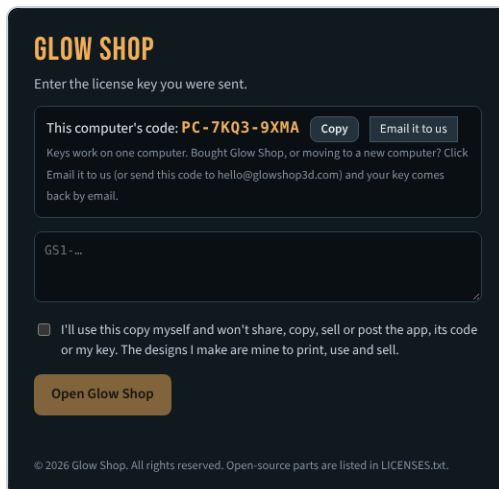
1. Install and start

1. Run **Glow-Shop-Setup.exe**.
2. Windows may show "**Windows protected your PC**". Click **More info**, then **Run anyway**. (It shows for new programs until they've built up a reputation with Windows.)
3. Accept the terms, pick the folder (the default is `C:\Glow Shop`), and leave the desktop icon ticked.
4. Click **Finish** with "Start Glow Shop now" ticked. Glow Shop opens in your web browser. A small minimized window runs it in the background: leave it open while you work.

After that, start Glow Shop from the desktop icon or the Start menu. To update, run the new installer into the same folder. Your key, settings and designs stay.

Glow Shop runs on your computer. Nothing is uploaded, and photos you use stay on your PC.

2. Your key



The first time Glow Shop opens, it asks for your license key.

1. Click **Email it to us**. Your email opens with this computer's code filled in. Add your name, the email you bought with and the order number, and send it.
2. Your key comes back by email. Paste it in the box (it starts with `GS1-`), tick the box to accept the terms, and click **Open Glow Shop**.

It's remembered from then on. A key works on one computer. Moving to a new one? Send the new computer's code and you'll get a key for it.

Your key also has an **updates through** date: every version released by then is yours to keep. File > About & license shows it.

3. First-time setup

Next, Glow Shop asks three things. They decide bed size, how files are written, print times and costs. Change them any time from the **Printer & filament** box in any maker, or File > Printer & settings.

- **Your printer:** Bambu Lab, Prusa, Creality, Elegoo, Anycubic and more, or "Other" to type your bed size. Every size slider stops at what fits; bigger designs split into pieces that fit.
- **Your slicer:** Bambu Studio, OrcaSlicer, PrusaSlicer, Creality Print and others. The files are written so your slicer picks up each part's settings.
- **Your filament:** brand, type and roll price, for print cost and the shopping links.

4. How every maker works

Click a tile on the home screen. (The **Home** button in the top bar brings you back; File > Create shows the same tiles.) Every maker is laid out the same way:

Part of the screen	What it does
Left: settings	Sliders and buttons for size, pattern, words, light and colors. The preview updates a moment after each change.
Middle: 3D preview	The design in a room, a yard or on a wall. Drag to turn it, scroll to zoom. Most have Lit at night and Daylight views.
Checks (under the preview)	Size, whether it fits your bed, strength, how the light works, how to print it, and the print time and cost. Green tick = good. Amber = worth a look. Red = fix this before printing.
What to buy	LEDs, bulbs, bearings, screws and filament for that design, each linked to the store.
Download print files	A zip with everything you need (see section 5). It's also saved in My designs.

Pull it apart: press **Ctrl + E** to see the parts separated, and **Ctrl + R** to put them back.

Your own words and pictures: many makers take typed words (pick a font) or a picture you upload (PNG, JPG or SVG). Stencil fonts keep the middles of letters like O, A and B in place. Other fonts get small bridges that hold those middles.

5. Download and print

Each download is a zip (and a folder in My designs) with:

File	What it's for
...-project.3mf	The easiest one to open: every part on its own build plate, each with its own print settings. (Bambu Studio and OrcaSlicer.)
One .3mf per part	The same parts one at a time, already turned the right way to print. No supports needed unless the notes say so.
notes.txt	How to print each part, how to put it together, wiring, and the print time and cost.
SHOPPING-LIST.txt	Everything to buy, with links.
HOW-TO-OPEN.txt	How to open the files in your slicer, and each part's settings in words.
.svg / .dxf	Cutting files for laser or CNC, when the design has acrylic, mirrors or a gobo (section 9).
design.glow	Every setting, so you can reopen the design and change it (section 7).

Outdoors: print in PETG or ASA. PLA softens and fades in the sun. **Lights:** LED only. Halogen and regular bulbs get too hot for printed plastic.

6. Opening in your slicer

Bambu Studio and OrcaSlicer

1. Double-click **...-project.3mf** (or use **Open in Bambu Studio** in My designs).
2. If it asks, pick **Open as project**. Don't pick "Import geometry only", which drops each part's settings.
3. Bambu may say "The 3mf is not from Bambu Lab, load geometry data and color data only". That's normal: it keeps your printer and filament, and the part settings still come in.
4. Check a part's settings any time: click **Objects** next to Global in the Process panel, then pick the part.
5. Slice each plate and print.

Opening into a project that's already open can drop the part settings (for example, walls fall back to 2). If a print time looks too short, open the file on its own with File > Open.

PrusaSlicer and others

PrusaSlicer reads each part's settings from the file. For other slicers, set the settings by hand from HOW-TO-OPEN.txt.

7. My designs

Everything you download is filed in `Documents\Glow Shop Designs`, in folders by type (Lamps, Signs, Shades & Planters, Pattern Lamps, Illusion Lights, Sculptures), with a picture of each. Open it from **File > My designs** or the home screen.

- **Open:** brings the design back into its maker with every setting, ready to change and download again.
- **Folder:** opens the design's folder in File Explorer.
- **Open in slicer:** opens the project file in your slicer.
- **Exact time:** asks your slicer for the real print time and grams. The first time, save any project from your slicer (File > Save Project As) and pick it when asked. Glow Shop uses those settings from then on.
- **File > Open saved design** reopens a design from its zip, any of its .3mf files, or design.glow.

Print times in the checks are estimates, usually within 10–20% of the slicer. Exact time gives the slicer's own number.

8. What you can make

Every tile on the home screen, with the main things to know.



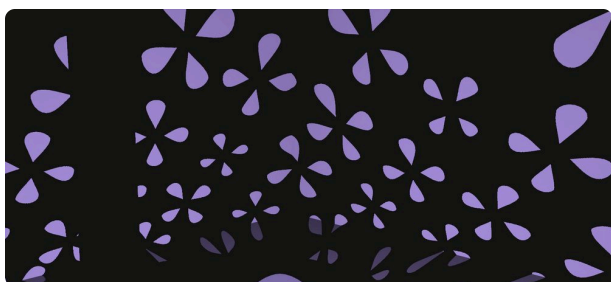
Lit Letters

Channel letters for any word, or your own shape from a picture. Faces: printed, frosted, clear, two-way mirror or **infinity mirror** (a tunnel of LEDs). Any light color plus fade, rainbow, chase and flash. Wiring diagrams for letters with holes (8, 6, B). Letters too big for the bed split into parts with jigsaw joints.



Address Signs

Two styles in one place. **Halo:** solid numbers off the wall with light glowing behind them (wired 12 V or solar). **Lit:** numbers that glow themselves, on a backer plate with the street name. Includes a drilling or backer template.



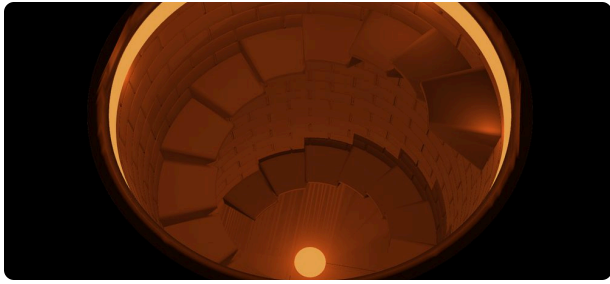
Hydrangea Spin Lamp

A dome of hydrangea florets turns slowly round a still LED, so petal shadows drift across the walls and ceiling. Five prints, a small gear motor, a steel pin.



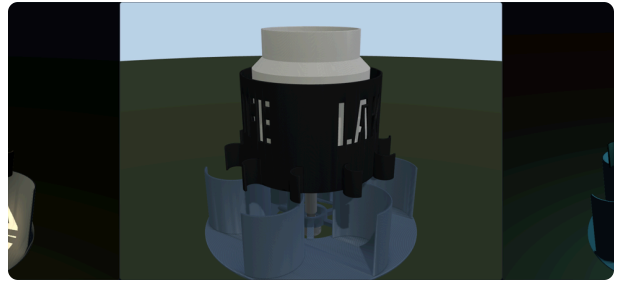
Gobo Projector

Turns a GU10, MR16 12 V, PAR20 or flashlight into a projector that throws your words or picture sharp on a wall. You need a glass lens. The app tells you the picture size and focus distance. The gobo prints, or cut it on a laser.



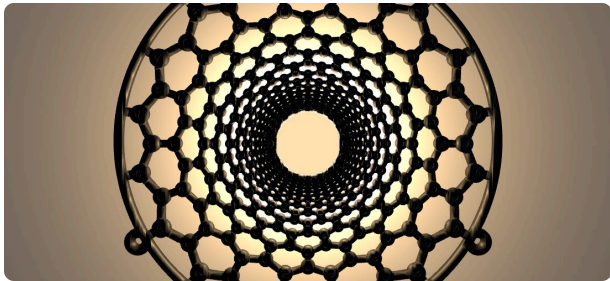
Stairwell

A real brick shaft with steps winding down, bricks inside and out. Glass top, open, or **Endless** (two-way mirror on top, mirror floor) so the stairs go on forever. Taller than your printer? It prints in rings.



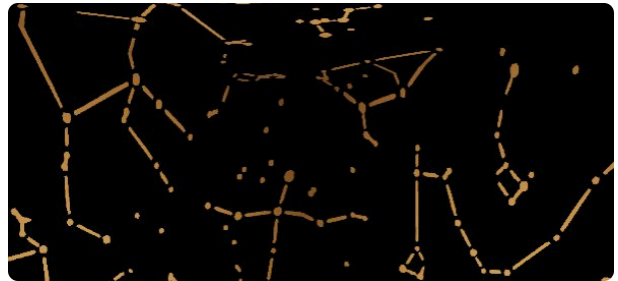
Wind Spinner

Two rotors turning opposite ways, your words cut through a band that glows at night. **Outdoors:** yard stake and a solar light top. **Indoors:** desk base and a puck light. Uses two 608 skateboard bearings on an 8 mm rod.



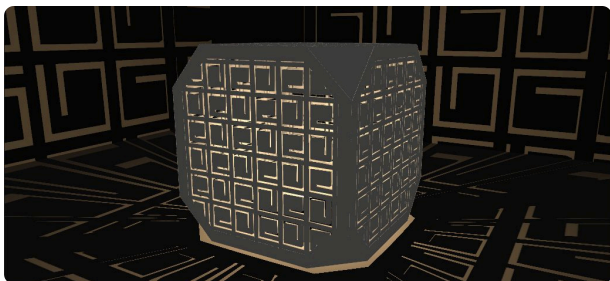
Tunnel, Hallway and Endless Staircase

Flat wall lights that look deep: a honeycomb or square tunnel, door frames back to a lit doorway, or spiral stairs. Words can run through the tunnel. Big ones print in sections.



Night Sky Lamp

The real stars, constellations and moon from any date and place (a birthday, a wedding) thrown on the walls and ceiling.



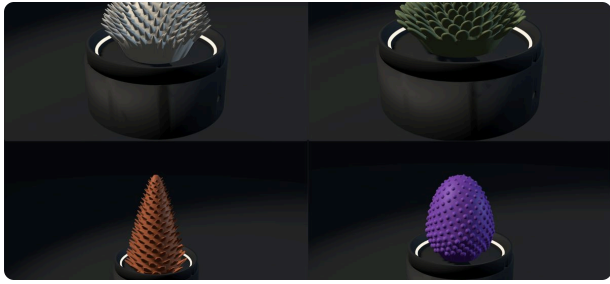
Panel and Tunnel Cube Lamps

Cubes and dodecahedrons from flat printed panels (Greek key, mandala, Voronoi), or a cube where every face is a tunnel. Panels print flat and glue up.



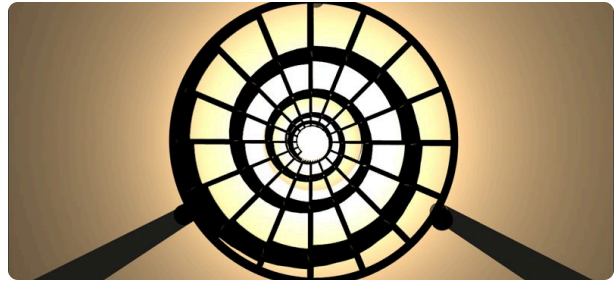
Shades, Planters and Lanterns

Vase shades (twisted, textured, cut-out), planters with trays and glow options, tea light holders, a bottle lantern, and a Gothic lantern. Add lettering to any of them.



Sculptures

Bloom: golden-spiral shapes that seem to bloom under a strobe. **Two-word shadows:** one print, two lights, two words on two walls. **Voronoi model lamp:** any 3D model turned into glowing ribs.



Shadow Lamps

Table, dome, floor, pendant, sconce, half-pipe, dark-sky porch light, drum, garden lantern and square tower, with patterns, your words and pictures, and store-bought or solar bases.

Stencil Maker turns a photo or logo into a clean stencil (with bridges) that you can add to any light, or save as PNG/SVG for a laser or Cricut.

9. Laser and CNC files

When a design uses acrylic, mirrors or a gobo, the download includes full-size cutting files in millimeters:

- **.svg** for a laser (LightBurn, LaserGRBL) or a Cricut.
- **.dxf** (R12) for a CNC router (VCarve, Mastercam and others). Layers: CUT (red), GUIDE (gray: where things sit), ENGRAVE (blue), SEAM (green: where printed pieces meet).

Cutting acrylic on a CNC: 1/8 in single-flute O-flute bit, air blast, protective film left on, and cut on the outside of the line. Diode lasers can't cut clear or mirror acrylic: use the DXF on a CNC, or score and snap straight edges.

10. Updates, help and feedback

- **Updates:** Glow Shop checks once a day and shows a banner when a new version is out. File > About & license > **Check for updates** checks now.
- **Feedback & community** (in the File menu): **Ask a question**, **Suggest an idea** or **Report a problem**. Each opens an email with your version and printer filled in. **Join the conversation** opens the community page (Facebook group, Instagram, YouTube).
- **Email:** hello@glowshop3d.com · **Website:** glowshop3d.com

Some keys include extras, such as the "What to charge" price calculator, which shows the cost to make a piece and suggested selling prices. If your key has it, it appears under What to buy.

11. Fixing common problems

Problem	Fix
"Windows protected your PC" when installing	More info > Run anyway.
.3mf files open in 3D Builder	Right-click a .3mf > Open with > Choose another app > Bambu Studio > Always . Or Settings > Apps > Default apps, type <code>.3mf</code> , pick Bambu Studio.
Open in slicer opens the wrong program	Update to the latest Glow Shop (it now finds slicers in both Program Files folders), and set .3mf to open with your slicer as above.
Print time in the slicer is much shorter than Glow Shop's	Part settings probably got dropped. Open the file on its own (File > Open, "Open as project"), then check Objects > the part > Strength > Wall loops.
Parts of a project all on one plate	Open the separate part files one at a time instead, and let us know your slicer version.
Uploaded picture has wavy or rippled edges	Use a bigger, sharper picture (PNG beats JPG), and move the cut-off slider until the edges look clean.
Key says it's for another computer	Send the code on the key screen (Email it to us) for a key for this computer.
Nothing happens when clicking Download	Check the message under the button. If the minimized Glow Shop window was closed, start Glow Shop again from its icon.

12. Quick keys

<code>Ctrl + E</code>	Pull the parts apart
<code>Ctrl + R</code>	Put them back together
<code>Esc</code>	Close the maker and go back
Drag / scroll in the preview	Turn / zoom

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