

H. L. Worden Co. "Make a Lamp"

GF13-3 Stylized Tulip

rev 4/13

Cartoon Pattern Packet

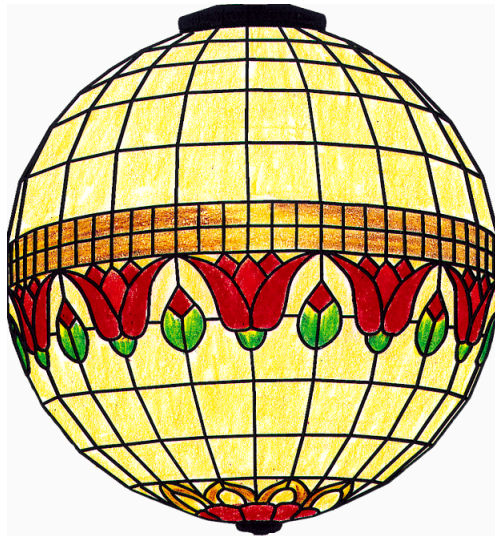
System

Lamp Specifications

No. Glass Pieces: 612 Orb
 No. Glass Pieces: 276 1/2 sphere
 Glass Needed: 7.25 sq. ft.
 Diameter: 13"
 Height: 13"
 Aperture: 3"/4"
 Design Repeats: 12

Needed to make this lamp

Pattern Packet No. GF13-3*
 FullForm™ No. GF13**
 Stained Glass
 3" or 4" Vase Cap***
 Lamp Base or Hanging Hardware
 to Swag



Lamp

Additional Items Needed

Basic Supplies
 Basic Tools

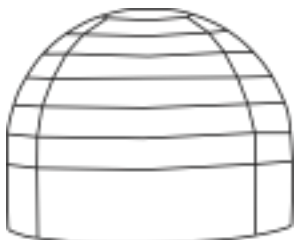
*No. GF13-3 Pattern Packet

Includes:

1 Paper Pattern Sheet
 5 MagicStrip™ Sheets
 1 Instructions
 1 Color Key w/ Glass Descriptions
 1 CH114

**No. GF13 FullForm™

360° form embossed and
 numbered to accept glass



One Reusable FullForm™ is used
 to make this 12-repeat design





** 3" Vase Cap



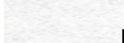


HC3 VC3 VHC3
 Need One 3" (7.6cm) Vase Cap
 Sold Separately

Color	Key	Description	Glass Type	Sq. Ft.
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Orb

	N, C	Background	Lt. Amber Opal	5.1
	T, A	Tulip, Aperture Border	Red Opal	1.1
	L	Leaf	Lt. Green Opal	.25
	BD	Border	Dk. Amber	.75

1/2 Sphere

	N	Background	White Opal	2.5
	T	Tulip	Red Opal	1
	L	Leaf	Green Opal	.25.

Paper Pattern
 MagicStrips™
 MADE IN USA

FULL FORM CONSTRUCTION TIPS

Follow the Basic Method detailed in the WordenSystem™ Instruction Manual.

(1) Select, cut, trim, and pin all stained glass pieces over the MagicStrip™ cartoon on the form. COMPLETELY COVER THE FORM. Use glass headed pins or common pins. Be sure to push the pins all the way in to hold each glass piece securely.

(2) To ensure the vase cap will be level: If using a positioner; place vase cap at the top of the form; secure with a lock nut; cut and fit glass to the vase cap; tack solder before removing shade from the form.

If not using positioner: place a 4" threaded rod through the hole in the form; place vase cap at top of the form; put a second vase cap or a check ring or washer inside the form; secure with lock nuts at both ends of the rod; cut and fit glass to the vase cap as above. If necessary, trim the top of the form to fit the vase cap in place.

(3) To foil, pull the pins part way out, just far enough to remove each glass piece one at a time; foil & repin.

(4) Tack solder all glass pieces together. Wipe and burnish with a wet cloth to stop oxidation.

(5) Remove all of the pins. Leave the lamp on the form and make a flat seam by tinning all exposed copper foil. Wipe and burnish with a wet cloth.

(6) DO NOT BUILD ROUNDED SEAMS ON THE FORM.

Remove the lamp and fill and then build the inside seams then do the outside.

By filling the inside first, any flow through will be removed when building the outside seams.



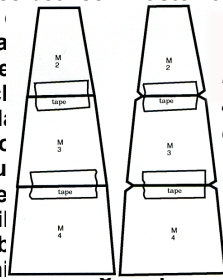
Strip Grid Cutting

For fast, easy cutting, background may be assembled in strips either horizontally or vertically. Assemble grid vertically so that color flow and grain extends from one part to the next.

Vertical: Arrange the background pieces together similar illustration with no space between. Fasten together with cellophane tape. Notch can be drawn on the glass the center of this line be

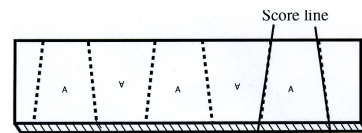
Score, break and cl proceeding with the bal; how patterns can be gr

Horizontal: First cu the height of each piece row around the lamp will the rows in a lamp will t pattern on the glass whi



Pattern pieces arranged to cut grid work vertically. Pattern pieces in each row will be equal to the height of each piece. Pattern pieces in each row will be equal to the height of each piece.

end over end until you have enough to cover one sectional form or one pattern repeat. Make adjustments if necessary and cut out the number you will need for the entire lamp. Overlap the grid pattern pieces so that adjoining pieces share a score line.



Arrange grid work pattern on strips, mark and score

Shade Holder with female loop

Fitter Ring soldered into lamp



Leave the bottom open - make bottom in 2 parts on the form but do not solder it in place until both halves are completed and inside soldering is finished.

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Note: Leave the inside seam of the bottom unfinished. Be sure and wash all traces of flux from the inside and outside, (soak in water 12 hrs or more). This keeps the seams from oxidizing and turning white over time. Strength of lamp will not be affected using this method; strength comes from solder and the shape of the lamp.

