

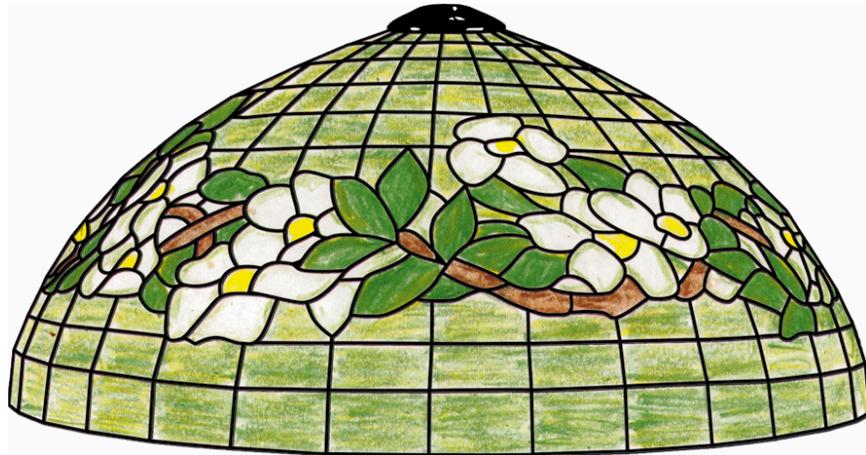
H. L. Worden Co. "Make a Lamp"

System

GF16-34 Belted Dogwood T

Rev. 11/12

Cartoon Pattern Packet



Lamp Specifications

No. Glass Pieces: 615
Glass Needed: 5.8 sq. ft.
Diameter: 16"
Height: 8"
Aperture: 3"
Design Repeats: 3

Needed to make this lamp

Pattern Packet No. GF16-34*
FullForm™ No. GF16**
Stained Glass
Lamp Base or Hanging Hardware
to Swag

Additional Items Needed

Basic Supplies
Basic Tools

*No. GF16-34 Pattern Packet

Includes:

1 Paper Pattern Sheet (cardstock)
1 Layout Sheet (paper)
4 MagicStrip™ Sheets
1 Instructions
1 Color Key w/ Glass Descriptions

Lamp

Color	Key	Description	Glass Type	Sq. Ft.
 B	Background	Green Opal	3	
 P	Petals	White Opal	1.5	
 L	Leaves	Green Opal	1	
 FC	Centers	Yellow Opal	.125	
 S	Stems	Brown Cathedral	1.25	

**No. GF16 FullForm™

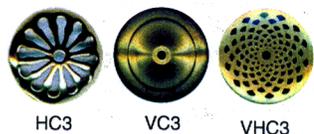
360° form embossed and
numbered to accept glass



placement guides (cartoon)

One Reusable FullForm™ is used
to make this 3-repeat design

***3" Vase Cap



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



As an alternative choose brown/green opal for the
background. Petals can be white or pink opal.

Paper Pattern
MagicStrips™
MADE IN USA

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PAPER PATTERN TIP

Two copies of the paper pattern are provided with this design.

One pattern sheet is printed on cardstock - use this pattern to cut glass parts. To cut this pattern apart, cut away the printed lines between the individual pieces.

The second pattern sheet is printed on paper - **DO NOT CUT THIS PAGE APART** - Use this pattern to lay out the cut glass parts. Use the pattern as a glass easel to assist in glass color selection. Lay clear window glass on the pattern, then the glass parts can be viewed over a light source.

Strip Grid Cutting

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

Vertical: Arrange the background pieces together similar Fig. B illustration with no space between. Fasten together with cellophane tape. Notch out between the pieces so a line can be drawn on the glass with a straight edge. *Score in the center of this line between the parts.*

Score, break and check fit of one section before proceeding with the balance of the parts. Fig. C illustrates how patterns can be grouped together and then cut apart.

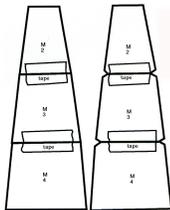


Fig. B Fig. C
Tape Pattern Together

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.



Use our No. 330 Positioner for full forms. The No. 330 is also used with partially finished shades whether built on sectional or full forms. Once the vase cap is installed put your lamp on the No. 330 and position the shade to have a level surface for final soldering.

For more detailed information on using the H. L. Worden "Make a Lamp" System ask for Stained Glass Crafting, an illustrated guide to the foil and solder method.

