

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

GF16-25 Fleur-de-Lis T

Rev. 10/12

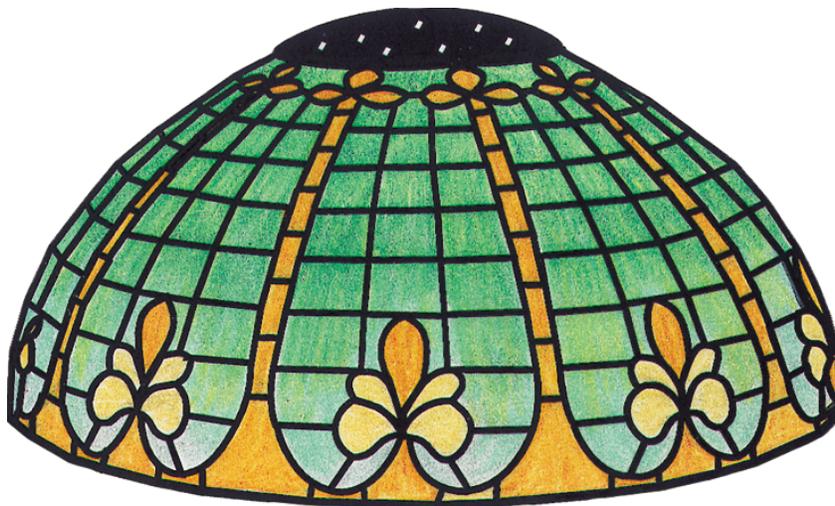
Cartoon Pattern Packet

Lamp Specifications

No. Glass Pieces: 460
 Glass Needed: 4.5 sq. ft.
 Diameter: 16"
 Height: 5.5"
 Aperture: 5"
 Design Repeats: 10

Needed to make this lamp

Pattern Packet No. GF16-25*
 FullForm™ No. GF16**
 Stained Glass
 5" Vase Cap***
 Lamp Base or Hanging Hardware
 to Swag



Additional Items Needed

Basic Supplies
 Basic Tools

***No. GF16-25 Pattern Packet**

Includes:

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

****No. GF16 FullForm™**

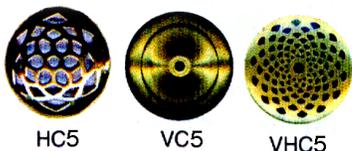
360° form embossed and
 numbered to accept glass
 placement guides (cartoon)

Lamp		Color	Key	Description	Glass Type	Sq. Ft.
			B	Background	Green Opal	2.75
			BD	Border	Orange/Amber Opal	1
			D	Design	Yellow/Lt. Amber Opal	.75



One Reusable FullForm™ is used
 to make this 4-repeat design

*****5" Vase Cap**



Need One 5" (13 cm) Vase Cap
 Sold Separately

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

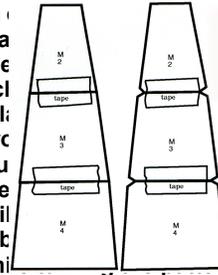
For fast, easy cutting, background may be assembled in strips either horizontally or vertically. Assemble grid vertically so that color flow and grain extends from one part to the next.

Vertical: Arrange the background pieces together similar illustration with no space between. Fasten together with cellophane tape. Notch can be drawn on the glass in the center of this line before score, break and cl

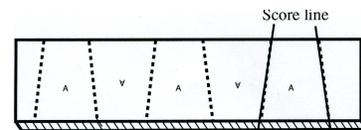
proceeding with the balance gridwork.

Horizontal: First cut the height of each piece the rows in a lamp will be pattern on the glass which

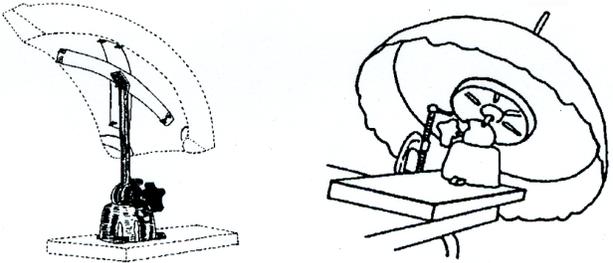
end until you have enough to cover one sectional form or one pattern repeat. Make adjustments if necessary and cut out the number you will need for the entire lamp. Overlap the grid pattern pieces so that adjoining pieces share a score line.



Pattern pieces arranged to cut gridwork vertically



Arrange grid work pattern on strips, mark and score



WordenSystem™ POSITIONER

Our No. 310 Positioner can be used to position sectional forms as the glass is cut and pinned to the form. It makes designing, building, and soldering your lamp panels much easier.

Use our No. 330 Positioner for working with full forms. The No. 330 is also great for working 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.

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