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

Lamp Specifications

No. Glass Pieces: 378
Glass Needed: 8 sq. ft.
Diameter: 18″
Height: 10.5″
Aperture: 4.5″
Design Repeats: 6

Needed to make this lamp

Pattern Packet No. CF18-9*
FullForm™ No. CF18**
Stained Glass
4″, 4.5″ or 5″ Vase Cap***
Lamp Base or Hanging Hardware to Swag

Additional Items Needed

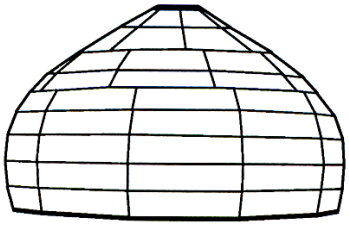
Basic Supplies
Basic Tools

*No. CF18-9 Pattern Packet Includes:

1 Paper Pattern Sheet
5 MagicStrip™ Sheets
1 Instructions
1 Color Key w/Glass Descriptions
1 4.5″ Glass Band & Crown Jig
1 Crown Installation Sheet

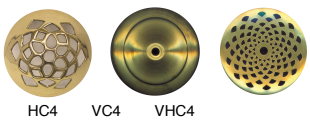
**No. CF18 FullForm™

360° form embossed and numbered to accept glass



One Reusable FullForm™ is used to make this 6-repeat design

** 4″, 4.5″ or 5″ Vase Cap

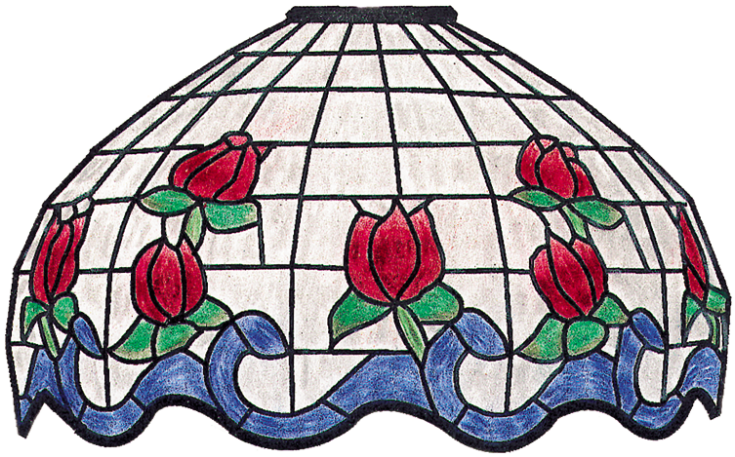


HC4 VC4 VHC4
Need One 4", 4.5" or 5" Vase Cap
Sold Separately

CF18-9 Rose Border 18″

Rev. 6/13

Cartoon Pattern Packet



Lamp Color	Key	Description	Glass Type	Sq. Ft.
	N	Background	Grey/White Opal	5.25
	R	Roses	Red Opal	1
	B	Borders	Blue Cathedral	1
	L/S	Leaves/Stems	Green Opal	.75

Paper Pattern
MagicStrips™
MADE IN USA

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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.

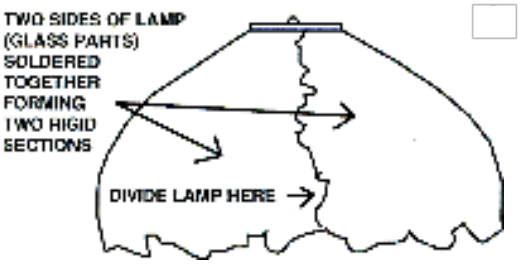
If not using positioner: place a 4" threaded rod through the hole in the form; place vase cap at top of the form; put a second vase cap or a check ring or washer inside the form; secure with lock nuts at both ends of the rod; cut and fit glass to the vase cap as above. If necessary, trim the top of the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

Construction tip for 360' Form which curve in at the bottom: When making a lamp on a 360° FullForm™, such as the CF18 which curves in at the bottom, you must remove the shade in two parts either vertical or horizontal. You decide which is most appropriate for your particular lamp shade and skill level. ***Please see instructions for details.***



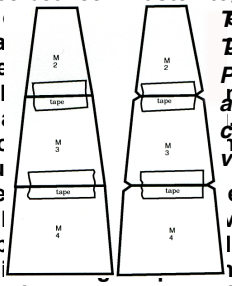
(6) DO NOT BUILD ROUNDED SEAMS ON THE FORM. Remove the lamp and fill and then build the inside seams then do the outside.

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 ins trips 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 gla the center of this line be



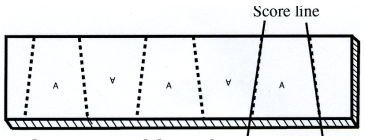
Tape Pattern Together

Pattern pieces arranged to cut gridwork vertically

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

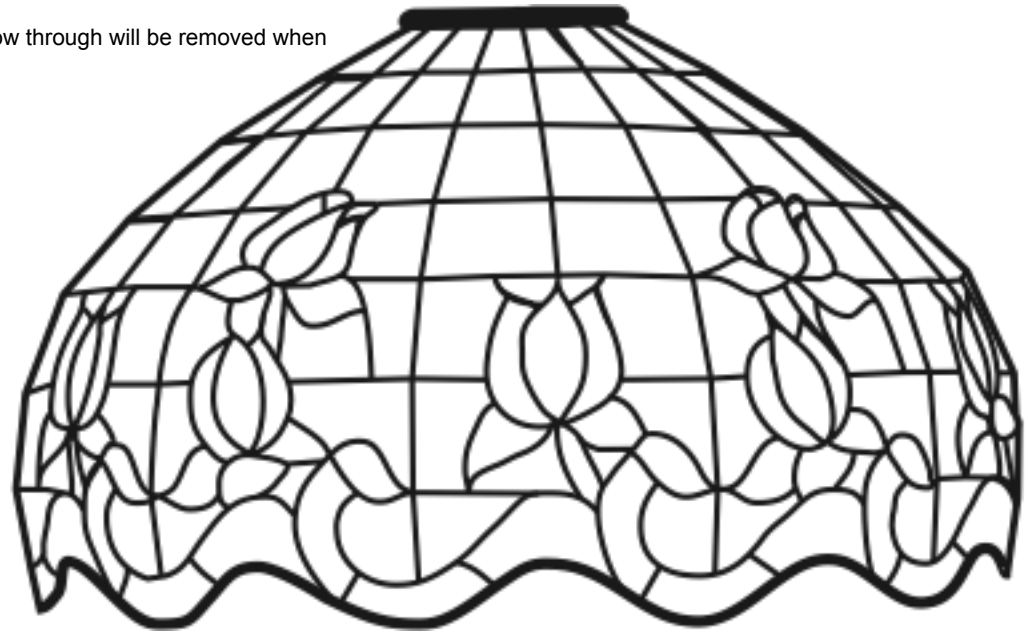
Horizontal: First cu the height of each piece row around the lamp wil the rows in a lamp will b pattern on the glass whi end over end until you have enough to cover one sectional form or one pattern repeat. Make adjustments if necessary and cut out the number you will need for the entire lamp.

Overlap the grid pattern pieces so that adjoining pieces share a score line.



Arrange grid work pattern on strips, mark and score

Make copies of this picture to try different color combinations for your lamp. Use the paper pattern for glass piece description.



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