

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

## CF18-26 18" Louis XV

rev 8/14

Cartoon Pattern Packet

### Lamp Specifications

No. Glass Pieces: 1059  
Glass Needed: 8.5 sq. ft.  
Diameter: 18"  
Height: 10.5"  
Aperture: 4"  
Design Repeats: 3

### Needed to make this lamp

Pattern Packet No. CF18-26\*  
FullForm™ No. CF18\*\*  
Stained Glass  
4" Vase Cap\*\*\*  
Lamp Base or Hanging Hardware  
to Swag

### Additional Items Needed

Basic Supplies  
Basic Tools

### \*No. CF18-26 Pattern Packet

#### Includes:

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

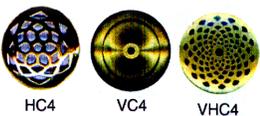
### \*\*No. CF18 FullForm™

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



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

### \*\*\*4" Vase Cap



Need One 4" (10.2cm) Vase Cap  
Sold Separately



Lamp Color	Key	Description	Glass Type	Sq. Ft.
BG	Background	Lt. Blue Opal	1.25	
D1	Design Background	Lt. Amber Opal	1.1	
D2	Design	Amber Opal Textured	.75	
D3	Stylized Leaves	Lt. Green Opal	1.5	
D4	Green Design	Green Textured	.25	
FC	Flower Center	Dk. Pink Opal or Cath.	.125	
FC1	Flower Center	Yellow Opal Textured	.125	
FP	Stylized Petals	Pink/White Opal	1	
FP1	Petals	White w/Green	.5	
FP2	Petals	Yellow Opal	.25	
L2	Stylized Leaves	Dk. Green Opal	.5	
L1	Leaves	Green Opal	1.2	

Paper Pattern  
MagicStrips™  
MADE IN USA

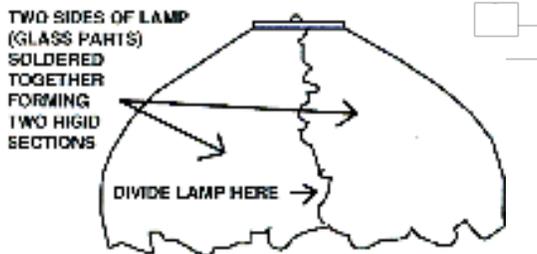
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## FULL FORM CONSTRUCTION TIPS

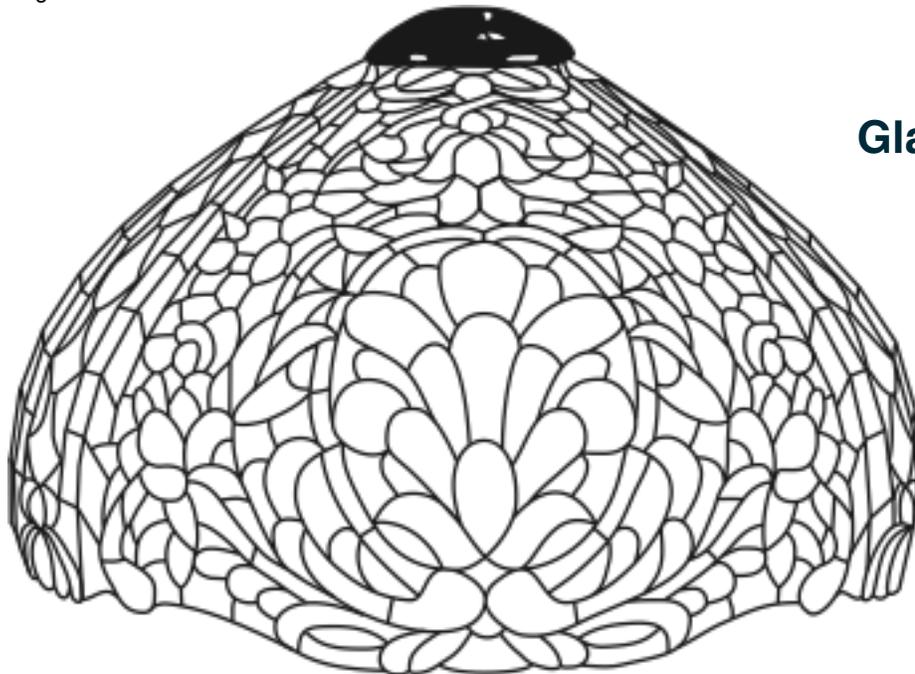
Follow the Basic Method detailed in the WordenSystem™ Instruction Manual.

- (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.

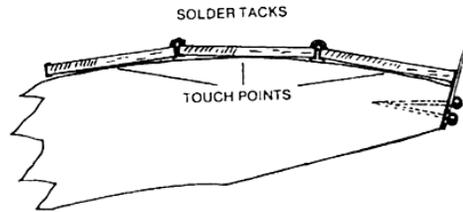


## Pieces too long to lay flat on the form

Method one: balance the glass piece at its center point so that each end of the glass is the same distance off the form. Balance the surrounding pieces as well so that top edges are even. It may be necessary to raise a neighboring piece off the form to keep an even surface. This works especially well with background gridwork.

Method two: create a 3-dimensional effect by raising one end of the glass part more than the other end, i.e. when making a hummingbird put the body end of the wing against the form thereby raising the opposite end. This technique gives added emphasis to the hummingbird.

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pincust  
glass p  
between



*Glass pieces balanced at center points so that each end of the glass is the same distance off the form. (method one)*

## Foil Wrapping Small Pieces

When foiling small pieces such as flower centers, flower petals, and leaves, it is best to overlap foil on glass approximately 1/64"; wider foil will cover too much of the glass. The exception is on small pieces at the top of the lamp. These pieces should be wrapped with at least a 1/32" overlap. Copper foil is easiest on the overlap adds strength to the lamp. If leave back in iron is too wide, it can be easily trimmed with scissors; place while trimming, the untrimmed for nice even seams.



**GlassHouseStore.com**  
**Decatur IL**

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

