

# H. L. Worden Co.

## "Make a Lamp"

### System

#### Lamp Specifications

No. Glass Pieces: 492  
 Glass Needed: 9 sq. ft.  
 Diameter: 20"  
 Height: 11"  
 Aperture: 6"  
 Design Repeats: 6

#### Needed to make this lamp

Pattern Packet No. RC22-17\*  
 SectionalForm™ No. RC22\*\*  
 Stained Glass  
 6" Vase Cap\*\*\*  
 Lamp Base or Hanging Hardware  
 to Swag

#### Additional Items Needed

Basic Supplies  
 Basic Tools

#### \*No. RC22-17 Pattern Packet

##### Includes:

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

#### \*\*No. RC22 SectionalForm™

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

# RC22-17 Impatiens Border W

Cartoon Pattern Packet

Rev. 12/12



#### Lamp

Color Key	Description	Glass Type	Sq. Ft.
	B Background	Lt. Amber Opal	9
	L Leaves	Green Opal	2
	FP Petals	Dk. Mauve/Red Opal	1
	BD Border	Dk. Mauve/Red Opal	.25

Filligree detail in the flowers can be made out of small tinned wire.  
 The upper background boasts ellipticity appearing to interlock in a  
 distinctive chain-link fence pattern.



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

#### \*\*\*6" Vase Cap



VC6

VHC6

Need One 6" Vase Cap  
 Sold Separately

Paper Pattern  
 MagicStrips™  
 MADE IN USA

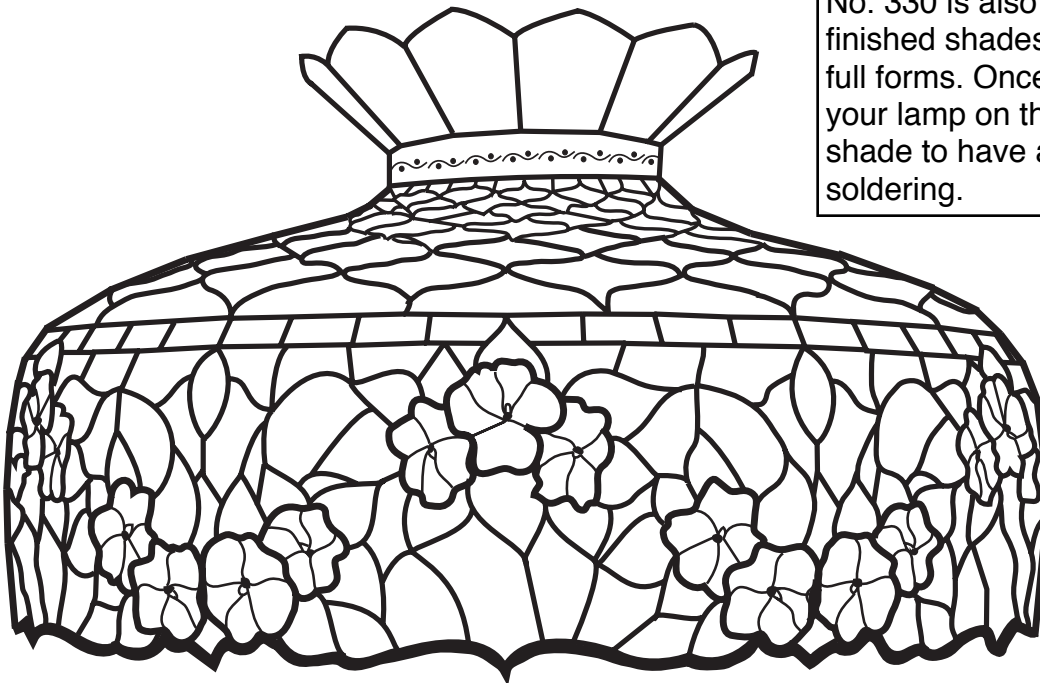
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## Sectional Form Construction Update

New easy time saving techniques that make lamp crafting more fun. To assure that the completed lamp is perfectly round and the form is not melted from solder flow through, follow the steps below. Refer to the manual.

- (1) Cover the form with parts - hold with pins.
- (2) Pull pins part way out, foil and repin.
- (3) Tack solder all parts together.
- (4) Flatten the solder tacks out and tin the exposed foil on the outside with a flat seam. - DO NOT FILL OUTSIDE SEAMS ON FORM.
- (5) REMOVE the glass sections as they are completed and store.
- (6) USE SOLDER LOOPS. The discovery of solder loops to hold the sections until they are fastened together is so easy to do. You can adjust the glass sections by bending the sections slightly if necessary for a perfectly round fit before tack soldering together.
- (7) The lamp is now ready to complete. Fill and build all the inside seams, then do the outside. By filling the inside first any solder flow through will be removed when building the outside seams. If you are making several lamps consider using Worden Lamp Positioner to build seams it works great.

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



## CONSTRUCTION TIP

**Filigree-Tinning and Antiquing-** Each piece of filigree is identified with a letter on the inside of the flower, match this letter with the letter on the appropriate pattern piece. ***Remove these letters before applying the filigree to the lamp.*** Some filigree is meant to overlap, you will need to trim to fit. We have found it best to solder the filigree in place after the lamp is completed, cleaned and antiqued. BE SURE AND LEAVE A PLAT SEAM AROUND THE OUTSIDE EDGE OF EACH GLASS PIECE THAT IS TO BE COVERED; SO THE FILIGREE WILL LAY FLAT NEXT TO THE GLASS.

Prepare the filigree for **antiquing**, by tinning it first. **To tin:** lay it on a flat wooden surface, leave the filigree fastened together, clean by rubbing with steel wool (brass conducts heat; use a heavy glove to hold it in place) brush on a generous amount of flux, use a clean freshly tinned soldering iron set on high heat.

Rub the surface with the flat part of the iron tip, use a very small amount of solder, just enough to turn the surface a bright aluminum color, do both sides, rinse and pat dry. Next antique the outside of each filigree part, try not to get the antiquing solution on the edge, rinse and dry, cut apart, and solder it on top of the foil overlap around each glass part, build up a nice rounded seam and carefully antique the edge trying not to stain the glass under the filigree. Use household shears to cut the filigree apart.



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.

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