

H. L. Worden Co.

"Make a Lamp" System

C16-6 Clematis T

Rev. 12/12

Cartoon Pattern Packet



Lamp Specifications

No. Glass Pieces: 363
 Glass Needed: 5.8 sq. ft.
 Diameter: 16"
 Height: 6.5"
 Aperture: 3"
 Design Repeats: 3

Needed to make this lamp

Pattern Packet No. C16-6*
 FullForm™ No. C16**
 Stained Glass
 3" Vase Cap***
 Lamp Base or Hanging Hardware
 to Swag

Additional Items Needed

Basic Supplies
 Basic Tools

*No. C16-6 Pattern Packet

Includes:

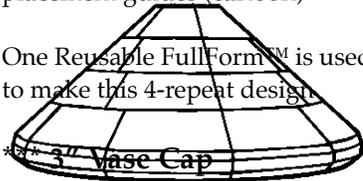
1 Paper Pattern Sheet
 3 MagicStrip™ Sheets
 1 Instructions
 1 Color Key w/ Glass Descriptions

**No. C16 FullForm™

360° form embossed and
 numbered to accept glass

placement guides (cartoon)

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



Lamp

Color	Key	Description	Glass Type	Sq. Ft.
	B	Background	Lt. Green Opal	1.5
	L,C	Leaves, Md B'D	Dk. Green Opal	1.25
	P2	Flower Petals	Lt. Blue Opal	.75
	P1	Flower Petals	Purple Opal	1
	E,D,A,	Apt., Top, Btm. B'd	Lt. Yw/Gr Opal	1.25
	FC	Flower Centers	Yellow Opal	.125



HC3 VC3 VHC3

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

Paper Pattern
 MagicStrips™
 MADE IN USA

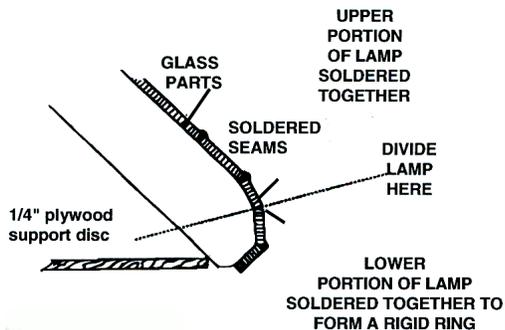
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FULL FORM CONSTRUCTION TIPS

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.

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



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 the size of the overlap adds strength to the lamp. If the backing foil is too wide, it can be easily trimmed with scissors: place while trimming. the untrimmed for nice even 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.

