

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

**G16-7 Belted Dogwood T**

Rev. 5/10

Cartoon Pattern Packet

**Lamp Specifications**

No. Glass Pieces: 672  
 Glass Needed: 5.8 sq. ft.  
 Diameter: 16"  
 Height: 8"  
 Aperture: 35"  
 Design Repeats: 3

**Needed to make this lamp**

Pattern Packet No. G16-7\*  
 SectionalForm™ No. G16\*\*  
 Stained Glass  
 3" Vase Cap\*\*\*  
 Lamp Base or Hanging Hardware  
 to Swag



**Additional Items Needed**

Basic Supplies  
 Basic Tools

**\*No. G16-7 Pattern Packet**

**Includes:**

1 Paper Pattern (black) Sheet  
 1 MagicStrip™ (blue) Sheets  
 1 Instructions  
 1 Color Key w/ Glass Descriptions

**\*\*No. G16 SectionalForm™**

Sectional form embossed and  
 numbered to accept glass

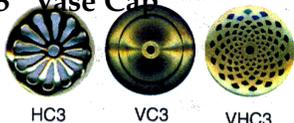
Lamp Color	Key	Description	Glass Type	Sq. Ft.
 N	Background	Brown Opal	3	
 P	Pink Petals	Pink Opal	1.5	
 L	Leaves	Green Opal	1	
 FC	Centers	Yellow Opal	.125	
 S	Stems	Brown, Cathedra	.125	



placement guides (cartoon)

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

**\*\*\*3" Vase Cap**



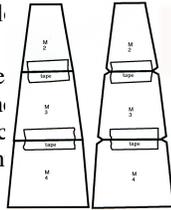
Need One 3" (7.6cm) Vase Cap  
 Sold Separately

Paper Pattern  
 MagicStrips™  
 MADE IN USA

## Strip Grid Cutting

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

**Vertical:** Arrange the background pieces together with no space between. Fasten together with cellophane tape. Notch out between the pieces so a line can be drawn on the glass with a straight edge. *Score in the center of this line between the parts.*

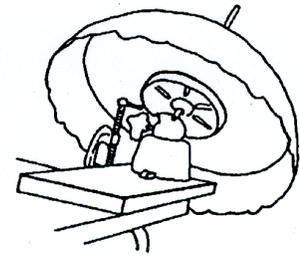
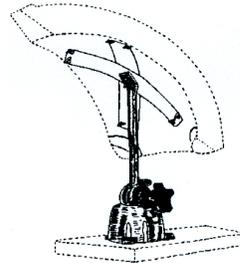


Score, break and check fit of one section before proceeding with the balance of the parts. Fig. B illustrates how patterns can be grouped together and then cut apart.

## 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.



### 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.

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

