

H. L. Worden Co.

"Make a Lamp"

System

G13-5 Leaf Border

Rev. 2/15

Cartoon Pattern Packet

Lamp Specifications

No. Glass Pieces: 279
 Glass Needed: 2.9 sq. ft.
 Diameter: 13"
 Height: 5.5"
 Aperture: 3"
 Design Repeats: 3

Needed to make this lamp

Pattern Packet No. G13-5*
 SectionalForm™ No. G13**
 Stained Glass
 3" Vase Cap***
 Lamp Base or Hanging Hardware
 to Swag

Additional Items Needed

Basic Supplies
 Basic Tools

*No. G13-5 Pattern Packet

Includes:

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

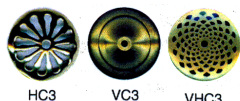
**No. G13 SectionalForm™

Sectional form embossed and
 numbered to accept glass



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



Lamp

Color	Key	Description	Glass Type	Sq. Ft.
 E	Background	Amber Opal	1.75	
 L	Leaves	Green Opal	1	
 H	Highlights	Ruby Red Cathedral	.125	

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.

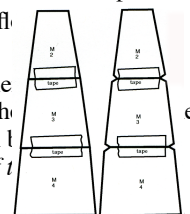
- (1) Cover the form with parts - hold with pins.
- (2) Pull pins part way out, foil and repin.
- (3) Tack solder all parts together.
- (4) Flatten the solder tacks out and tin the exposed foil on the outside with a flat seam. - DO NOT FILL OUTSIDE SEAMS ON FORM.
- (5) REMOVE the glass sections as they 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.

Strip Grid Cutting

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

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



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. Increasing the size of the overlap adds strength to the lamp. If you have foil that is too wide, it can be easily trimmed with scissors. Leave the paper backing in place while trimming, the untrimmed edge is placed on the outside for nice even seams.

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