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

## Lamp Specifications

No. Glass Pieces: 264
Glass Needed: 8.3 sq. ft.
Diameter: 16"
Height: 8"
Aperture: 3"
Design Repeats: 3
Needed to make this lamp
Pattern Packet No. G16-3*
SectionalForm ${ }^{\text {TM }}$ No. G16**
Stained Glass
3" Vase Cap***
Lamp Base or Hanging Hardware to Swag

Additional Items Needed
Basic Supplies
Basic Tools
*No. G16-34 Pattern Packet
Includes:
1 Paper Pattern Sheet
2 MagicStrip ${ }^{\text {TM }}$ Sheet
1 Instructions
1 Color Key w/ Glass Descriptions
**No. G16 SectionalForm ${ }^{\text {TM }}$
Sectional form embossed and
numbered to accept glass
placement guides (cartoon)


## G16-3 Baroque



## Lamp

Color
Key
Description
Glass Type
Sq. Ft.

| BG | Background | Lt. Amber Opal 4.5 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| L, M, S | Shields | Amber Opal 2 |  |  |
| K | Borders | Dk. Amber Opal | 1.5 |  |
| H | Highlights | Ruby/Orange Opal/Cath. | . 25 |  |

## 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.


WordenSystem ${ }^{\text {™ }}$ 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.

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

