

H. L. Worden Co.

"Make a Lamp"

System

Lamp Specifications

No. Glass Pieces: 426
 Glass Needed: 8.4 sq. ft.
 Diameter: 20"
 Height: 11"
 Aperture: 4" or 5"
 Design Repeats: 6

Needed to make this lamp

Pattern Packet No. C20-5*
 SectionalForm™ No. C20**
 Stained Glass
 4" or 5" Vase Cap***
 Lamp Base or Hanging Hardware
 to Swag

Additional Items Needed

Basic Supplies
 Basic Tools

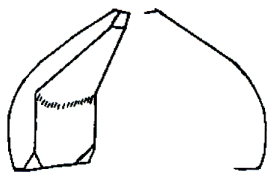
*No. C20-5 Pattern Packet

Includes:

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

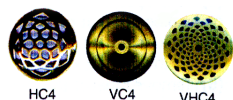
**No. C20 SectionalForm™

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



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

** 4" or 5" Vase Cap

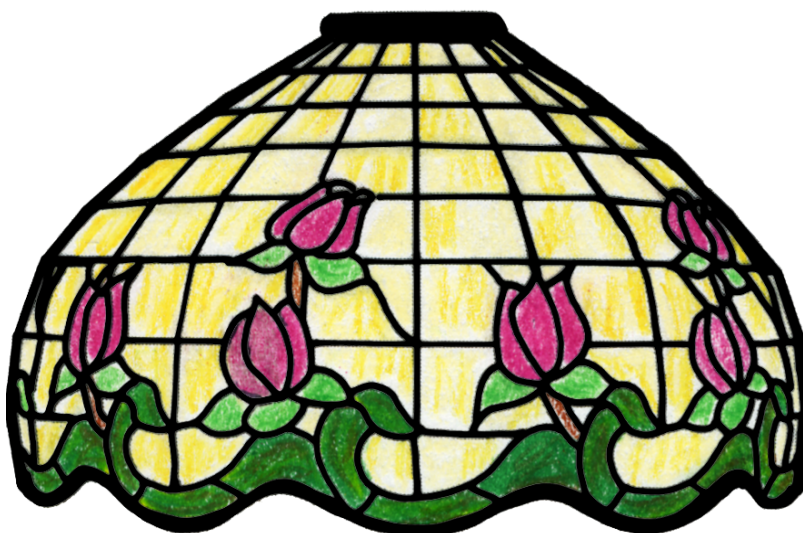


Need One 4" (10.2cm) Vase Cap
 Sold Separately


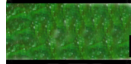


C20-5 Rose Border

Cartoon Pattern Packet

Rev. 6/10



Lamp

Color	Key	Description	Glass Type	Sq. Ft.
	B	Background	Lt. Amber Opal	5.5
	H	Bottom Border	Dk. Green Cathedral	.75
	P	Petals	Pink Opal	1.5
	L/S	Leaves & Stems	Lt. Green Opal	.5

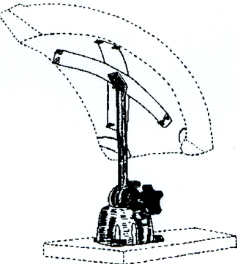
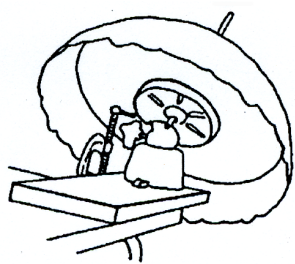
Paper Pattern
 MagicStrips™
 MADE IN USA

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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.

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.

Strip Grid Cutting

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

Vertical: Arrange the background pieces together similar Fig. B illustration 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.*

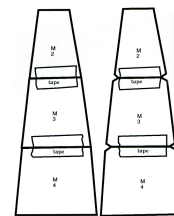
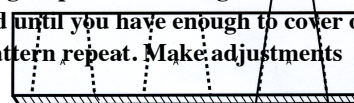


Fig. B Fig. C
Tape Pattern Together

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

Horizontal: First cut a strip of glass that is equal to the height of each piece. The height of the pieces in each row around the lamp will be the same; however, not all the rows in a lamp will be the same height. Mark each grid pattern on the glass while turning the pattern end over end until you have enough to cover one sectional form or one pattern repeat. Make adjustments



Arrange grid work pattern on strips, mark and score

GlassHouseStore.com
Decatur IL

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

