

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

GF13-4 Water Lily T

Rev. 1/14

Cartoon Pattern Packet

Lamp Specifications

No. Glass Pieces: 980
Glass Needed: 6.5 sq. ft.
Diameter: 13"
Height: 13"
Aperture: 3/4"
Design Repeats: 4

Needed to make this lamp

Pattern Packet No. GF13-4*
FullForm™ No. GF13**
Stained Glass
3" or 4" Fitter Ring***
Lamp Base or Hanging Hardware
to Swag

Additional Items Needed

Basic Supplies
Basic Tools

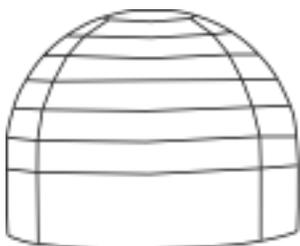
*No. GF13-4 Pattern Packet

Includes:

2 Paper Pattern Sheet
6 MagicStrip™ Sheets
1 Instructions
1 Color Key w/ Glass Descriptions
1 CH114

**No. GF13 FullForm™

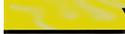
360° form embossed and
numbered to accept glass



placement guides (cartoon)



Lamp

Color	Key	Description	Glass Type	Sq. Ft.
	N, R	Background, Aperture	Yellow/Blue Opal	2.6
	P, RP	Petal Pine w/White Opal	Pine w/White Opal	1.5
	GW, ST, L4	Green Water, Stem, Leaf	Green Opal	.4
	PW	Purple Water	Purple Opal	.125
	YW, L2	Gr/Yel Water, Gr/Yel Leaf	Green/Yellow Opal	1
	BW	Brow/White Water	Brown w/White Opal	.25
	BL	Blue Water	Blue Opal	.125
	DB	Dk Brown Water	Dk. Brown Opal	.25
	L1	Dk. Leaf	Dk. Green Opal	.125
	L3	Lt. Leaf	Lt. Green Opal	.125



HC3 VC3 VHC3

One Repeat of FullForm™ is used to make this 4-repeat design

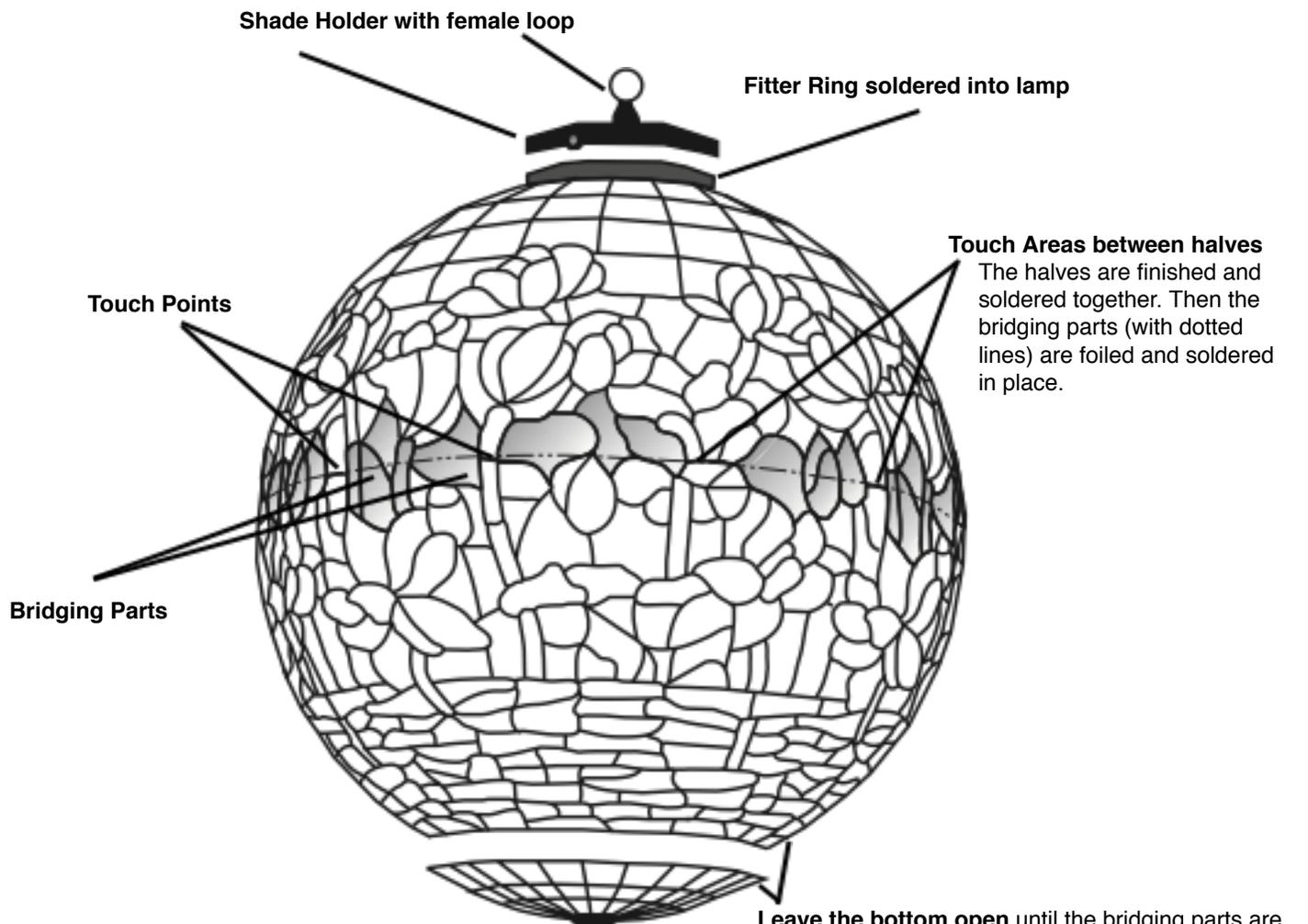
Paper Pattern
MagicStrips™
MADE IN USA

Special Construction Tips

The Water Lily Orb T is made in halves on the same form. Install MagicStrips™ GF13-4B to build the top half. For best fit attach a 3" or 4" fitter ring to the top of the form and cut glass to fit. When top half of lamp is complete according to instructions, replace strips marked GF13-4B with strips marked GF13-4A. The bottom of the lamp can be completely closed with glass by cutting the gridwork (N1-12), cutting "R" pieces for the aperture, and attaching the enclosed check ring. To duplicate Tiffany's completed lamp end the lamp with the

water pieces - leave the bottom open and finish with a reinforcing wire. The lamp can now be displayed as a hanging lamp. Install a 3" or 4" vase cap (in place of the fitter ring) in the top aperture and lamp can be displayed on a lamp base.

This lamp has several pieces that "bridge" from the top to bottom half. These pieces are marked with dotted lines. **Do not** cut on dotted lines. Patterns with dotted lines are used to cut out glass pieces that bridge from one half to the other. They are fitted and soldered in after halves are joined together.



Touch Areas between halves
The halves are finished and soldered together. Then the bridging parts (with dotted lines) are foiled and soldered in place.

Leave the bottom open until the bridging parts are installed. Make the bottom in 2 parts on the form **but do not solder it in place** until bridging parts are completed and inside soldering is finished.

Note: Leave the inside seam of the bottom unfinished. Be sure and wash all traces of flux from the inside and outside, (soak in water 12 hrs. or more). This keeps the seams from oxidizing and turning white over time. Strength of lamp will not be affected using this method; strength comes from solder and the shape of the lamp

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