

H. L. Worden Co.

"Make a Lamp" System

GF16-6 Water Lily T

Rev. 10/12

Cartoon Pattern Packet

Lamp Specifications

No. Glass Pieces: 435
 Glass Needed: 8 sq. ft.
 Diameter: 16"
 Height: 8"
 Aperture: 4"
 Design Repeats: 3

Needed to make this lamp

Pattern Packet No. GF16-6*
 FullForm™ No. GF16**
 Stained Glass
 4" Vase Cap***
 Lamp Base or Hanging Hardware
 to Swag



Additional Items Needed

Basic Supplies
 Basic Tools

*No. GF16-6 Pattern Packet

Includes:

1 Paper Pattern Sheet
 4 MagicStrip™ Sheets
 1 Instructions
 1 Color Key w/ Glass Descriptions

**No. GF16 FullForm™

360° form embossed and
 numbered to accept glass

Lamp		Key	Description	Glass Type	Sq. Ft.
Color					
	E	Background	Blue Streaky Opal		2.5
	A	Petals	Pink Opal	1.5	
	P	Lily Pads	Lt. Green & Green Opal		2
	K	Leaves	Olive Green Opal	1.13	
	N	Borders	Green Cathedral	.5	
	O	Under Pads	Purple-Brown Opal		.125
	S	Stems	Purple-Brown Opal		.125
	C	Centers	Yellow Opal		.125



placement guides (cartoon)

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

***4" Vase Cap



HC4 VC4 VHC4

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

Paper Pattern
 MagicStrips™
 MADE IN USA

FULL FORM CONSTRUCTION TIPS

Follow the Basic Method detailed in the WordenSystem™ Instruction Manual.

- (1) Select, cut, trim, and pin all stained glass pieces over the MagicStrip™ cartoon on the form. COMPLETELY COVER THE FORM. Use glass headed pins or common pins. Be sure to push the pins all the way in to hold each glass piece securely.
 - (2) To ensure the vase cap will be level: If using a positioner; place vase cap at the top of the form; secure with a lock nut; cut and fit glass to the vase cap; tack solder before removing shade from the form.
 - If not using positioner: place a 4" threaded rod through the hole in the form; place vase cap at top of the form; put a second vase cap or a check ring or washer inside the form; secure with lock nuts at both ends of the rod; cut and fit glass to the vase cap as above. If necessary, trim the top of the form to fit the vase cap in place.
 - (3) To foil, pull the pins part way out, just far enough to remove each glass piece one at a time; foil & repin.
 - (4) Tack solder all glass pieces together. Wipe and burnish with a wet cloth to stop oxidation.
 - (5) Remove all of the pins. Leave the lamp on the form and make a flat seam by tinning all exposed copper foil. Wipe and burnish with a wet cloth.
 - (6) DO NOT BUILD ROUNDED SEAMS ON THE FORM. Remove the lamp and fill and then build the inside seams then do the outside.
- By filling the inside first, any flow through will be removed when building the outside seams.



Use our No. 330 Positioner for full forms. The No. 330 is also used 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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