

H. L. Worden Co.

"Make a Lamp" System

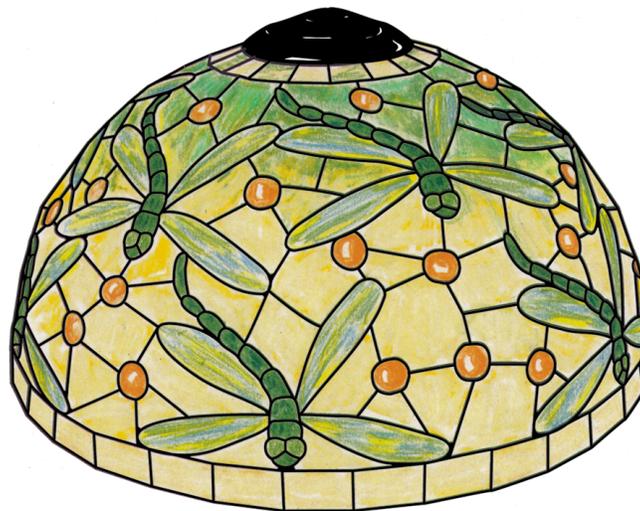
GF13-15 Dragonfly T

Rev 6/12

Cartoon Pattern Packet

Lamp Specifications

No. Glass Pieces: 390
 Glass Needed: 4.1 sq. ft.
 Diameter: 13"
 Height: 6"
 Aperture: 3"
 Design Repeats: 3



Needed to make this lamp

Pattern Packet No. GF13-15*
 FullForm™ No. GF13**
 Stained Glass
 3" Vase Cap***
 Lamp Base or Hanging Hardware
 to Swag

Additional Items Needed

Basic Supplies
 Basic Tools

*No. GF13-15 Pattern Packet

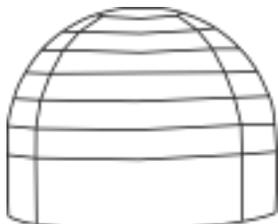
Includes:

1 Paper Pattern Sheet
 L Layout (paper) Sheet
 3 MagicStrip™ Sheets
 1 Instructions
 1 Color Key w/ Glass Descriptions

Lamp		Key	Description	Glass Type	Sq. Ft.
N	N	Background	Yellow to Yellow/Green Opal		2.7
W	W	Wings	Lt. Green/Yellow/Blue Opal		.9
BBD	BBD	Bottom Border	Yellow Ripple		.25
B	B	Body	Green Ripple or Smooth		.15
UBD	UBD	Upper Border	Green/Yellow Ripple		.1
E	E	Eye	Orange Cathedral	Scrap	
	GN	Glass Nuggets		39	

**No. GF13 FullForm™

360° form embossed and
 numbered to accept glass
 placement guides (cartoon)



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

** 3" Vase Cap



HC3 VC3 VHC3
 Need One 3" (7.6cm) 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.

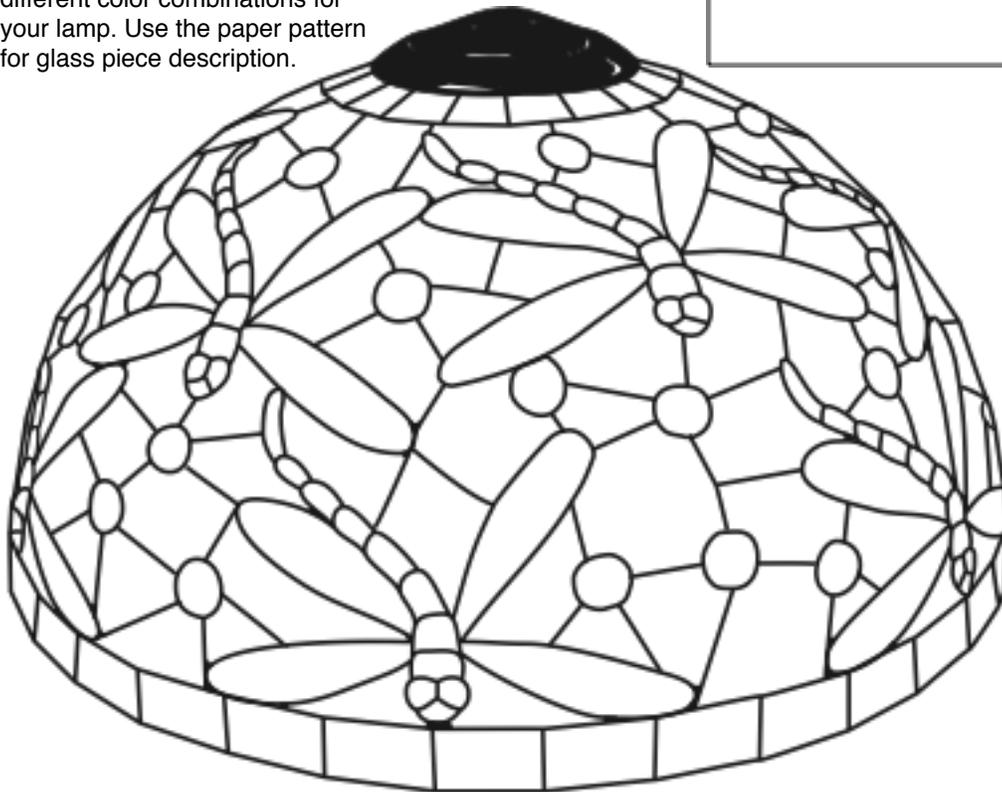
(5) Remove all of the pins. Leave the lamp on the form and make a flat seam by tinning all exposed copper foil. Wipe and burnish with a wet cloth.

(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.

GlassHouseStore.com
Decatur IL

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

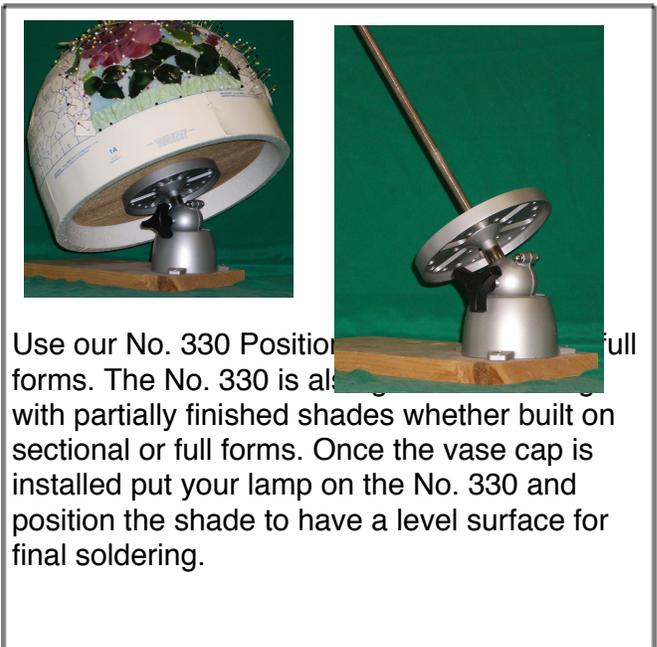


PAPER PATTERN TIP

Two copies of the paper pattern are provided with this design.

One pattern sheet is printed on cardstock - use this pattern to cut glass parts. To cut this pattern apart, cut away the printed lines between the individual pieces.

The second pattern sheet is printed on paper - DO NOT CUT THIS PAGE APART - Use this pattern to lay out the cut glass parts. Use the pattern as a glass easel to assist in glass color selection. Lay clear window glass on the pattern, then the glass parts can be viewed over a light source.



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.

