

# Beginner Lamp

*Design by Bev Diaczuk,  
Fabrication and text by Dave Burnett*

#### **Spectrum Glass Co.**

#6093-86CCE, Indigo Pink,  
for Background, 2-1/2 Sq. Ft.

#209K, Crystal Opal Krinkle  
for Flowers, 1/2 Sq. Ft.

#327-2S, Light Green/White/Translucent  
for Leaves, 1 Sq. Ft.

#### **Other Materials Required**

Flux Solder 7/32" Copper Foil

16-Gauge Copper Wire

2-1/2" Vase Cap Black Patina

Lamp Base Specialties

14" Regal Lamp Base with 6" Harp

Start by making two copies of the original pattern. Mark the grain direction, if any, and number each pattern piece. Cut one pattern apart using copper foil shears. Use the second copy as a layout guide.

1. Position the paper pattern pieces on the glass and score around the pattern. When scoring the glass, hold the cutter in an upright position and apply firm, even pressure. Cut out all of the lamp pieces at this time.

2. Use breaker/grozier pliers to run the scored lines in the glass and remove the waste glass from the pattern pieces. A glass grinder can be used to smooth any rough edges and to shape the cut pieces if needed.

3. Using 7/32" copper foil, hold the glass piece in a vertical position. Press the sticky end of the foil onto the glass edge, leaving the same amount of overhang on either side and wrapping the entire piece. Burnish the foiled pieces using a fid or lathkin. This smooths the edges of the foil and adheres the sticky side of the foil to the glass. Place the foiled pieces on the layout copy. Hold in place with Morton's Blocking System and pushpins.

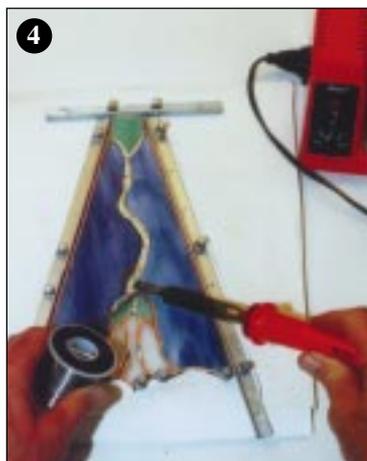
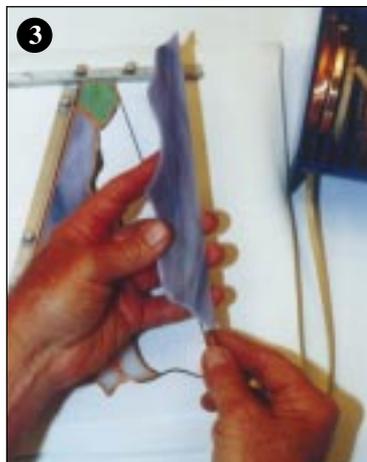
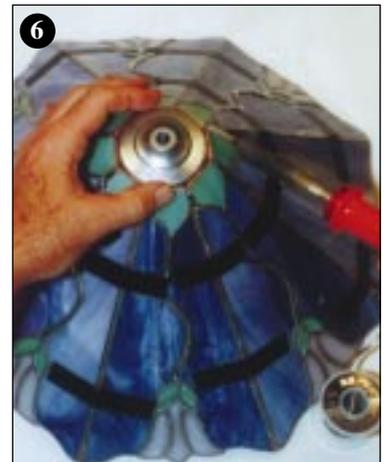
4. Apply flux to the copper foil lines using a flux brush. Solder all 8 panels, front and back. Soldering takes practice. A good iron with a rheostat will help in the soldering process. Lay the 8 panes on the work table side by side. Using black electrical tape, tape them together at the top and bottom.

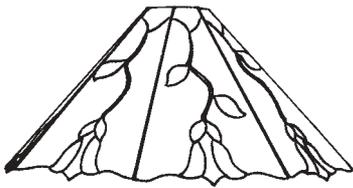
5. Pull the sides up to form the cone shape and tape together. Tack-solder at the top and bottom. Run a flat solder bead on each seam to hold the shade in place.

6. Tin the brass vase cap before soldering it to the top opening of the shade. This will firm up the shade so that the tape can be removed.

7. Turn the lamp over and finish-bead the inside seams. Tack a piece of 16-gauge wire around the bottom of the shade and finish-bead with solder.

8. Attach the shade to a lamp shade positioner. This will help control the angle when finish-soldering the seams. Solder the edges of the leaves with a rounded bead of solder before soldering them to the stem of the flower. Clean the project thoroughly with flux remover and warm soapy water before applying black patina. Clean the shade again and apply a glass polish to prevent oxidation.





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Compliments of:

## GLASS PATTERNS

— Q U A R T E R L Y —

[www.GlassPatterns.com](http://www.GlassPatterns.com)

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F - Crystal Opal Krinkle for Flowers, 1/2 Sq. Ft.

L - Light Green/White/Translucent  
for Leaves, 1 Sq. Ft.

