

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

C16-22 Prairie Lamp 16"

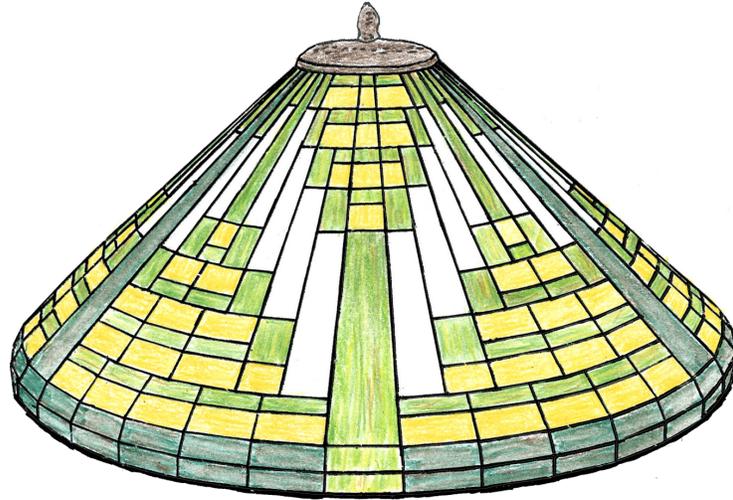
Cartoon Pattern Packet

Lamp Specifications

No. Glass Pieces: 399
 Glass Needed: 4.75 sq. ft.
 Diameter: 16"
 Height: 7"
 Aperture: 3"
 Design Repeats: 3

Needed to make this lamp

Pattern Packet No. C16-22*
 FullForm™ No. C16**
 Stained Glass
 3" Vase Cap***
 Lamp Base or Hanging Hardware
 to Swag



Green and Yellow (shown)

Additional Items Needed

Basic Supplies
 Basic Tools

***No. C16-22 Pattern Packet**

Includes:

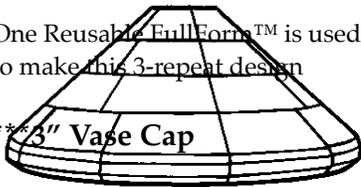
1 Paper Pattern Sheet
 3 MagicStrip™ Sheets
 1 Instructions
 1 Color Key w/ Glass Descriptions

****No. C16 FullForm™**

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

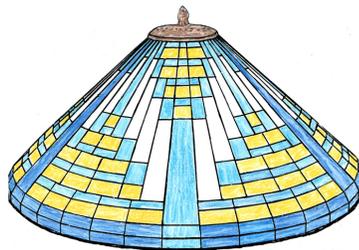
One Reusable FullForm™ is used
 to make this 3-repeat design

*****3" Vase Cap**

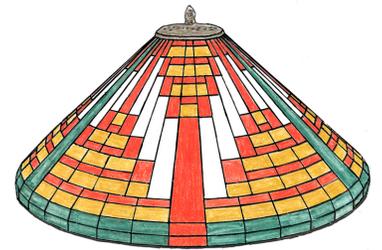


Lamp

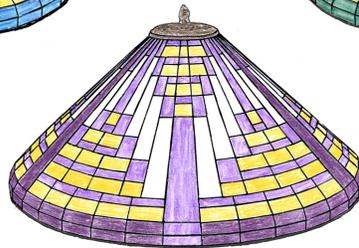
Color	Key	Description	Glass Type	Sq. Ft.
	D2	Light Green	Green Opal	1.75
	D1	Yellow	Yellow Opal	1
	D3	White	White Opal	1
	BD	Borders	Dark Brown/Green	1
		use darker opal		



Blue and Yellow



Orange and Yellow



Purple and Yellow

This special geometric stained glass mission style prairie lamp (a Frank Lloyd Wright Design) has been adapted to our 7" and 16" cone shaped Tiffany Style Lamp forms. Detailed instructions on how to easily score and break out the thin glass strips are included



HC3 VC3 VHC3
 Need One 3" (7.6cm) Vase Cap
 Sold Separately

Paper Pattern
 MagicStrips™
 MADE IN USA

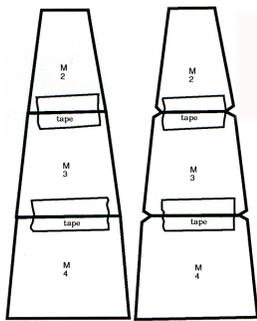
Cutting Grid work Freehand without a Jig

Many lamp designs have grid work. These pieces may be cut out separately or together. **Pattern groups allow the grain flow of the glass to extend from one piece to another.** For fast, easy cutting, background may be assembled in strips either horizontally or vertically. Assemble grid vertically so that color flow and grain extends from one part to the next. Try to keep the same amount of glass on each side of the score line.

Supplies needed: scissors, glass marking pen or pencil, sticky tape, cellophane tape, glass cutter, ruler. This method of cutting out grid work differs from using a jig. All the scoring is done freehand – a line is drawn on the glass, glass is scored on the inside or center of the line without using a straight edge.

Always push the cutter as you score so you can see where you are scoring.

Vertical: Arrange the background pieces together similar 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**



Tape Pattern Together
Pattern pieces arranged to cut gridwork vertically

Fig. 3

in the center of this line between the parts.

Score, break and check fit of one section before proceeding with the balance of the parts. Fig. 3 illustrates how patterns can be grouped together and then cut apart.

Foil Wrapping Small Pieces

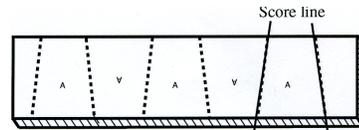
When foiling small pieces such as flower centers, flower petals, and leaves, it is best to overlap foil on glass approximately 1/64"; wider foil will cover too much of the glass. The exception is on small pieces at the top of the lamp.

These pieces should be wrapped with at least a 1/32" overlap. Increasing the size of the overlap adds strength to the lamp. If you have foil that is too wide, it can be easily trimmed with scissors. Leave the paper backing in place while trimming. the untrimmed edge is placed on the outside for nice even seams.

Copper foil is easily trimmed. Leave backing on.



Horizontal: First cut a strip of glass that is equal to the height of each piece. The height of the pieces in each row



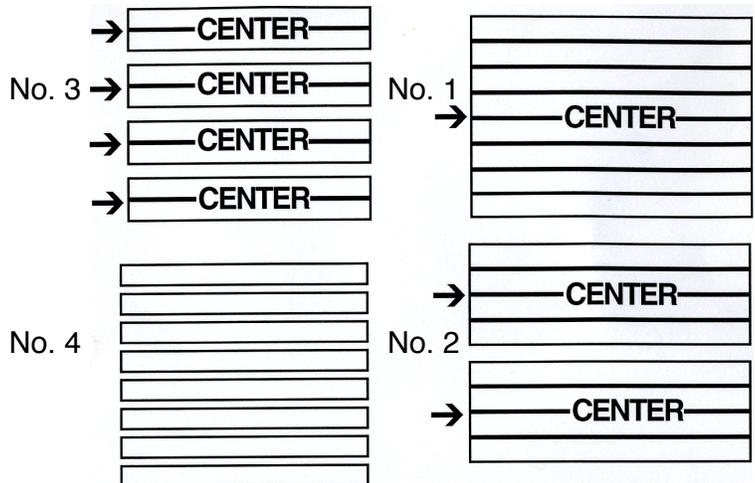
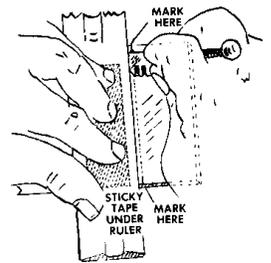
Arrange grid work pattern on strips, mark and score

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 if necessary and cut out the number you will need for the entire lamp. *Overlap the grid pattern pieces so that adjoining pieces share a score line.*

Cutting Strips

To make strips for grid work and borders. Measure and lay out the strips in pairs of 2, 4, 8, 16, etc. This keeps the same amount of glass (mass) on each side of the score line. **Score using a ruler or jig starting in the center each time.** Run the score to break them apart. Use running pliers on strips that are too narrow to run the score line with your hands.



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