

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

# C16-0 Lamp Designing Grid

Rev. 1/14

A Simple Step by Step Lamp Designing and Construction Method

## Features

- \*Select design repeats of 1-2-3-6-8-9-12-16-18-24-32
- \*Select lamp depth up to 7"
- \*Select aperture size or 3" or 4"
- \*Grid lamp 3" aperture
- \*Select grid area for design transferring and enlarging
- \*This set of MagicStrips™ covers one blank No. C16 FullForm™.

## Needed to make this lamp

- Pattern Packet No. C16-0\*
- MiniForm™ No. C16\*\*
- Stained Glass
- Vase Cap\*\*\*
- Lamp Base or Hanging Hardware to Swag

## Additional Items Needed

- Basic Supplies
- Basic Tools

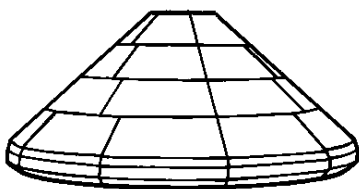
## \*No. C16-0 Pattern Packet

### Includes:

- 2 Grid Patterns
- 4 MagicStrip™ Sheet
- 1 Instructions
- 1 Lamp Designing Key

## \*\*C16 FullForm™

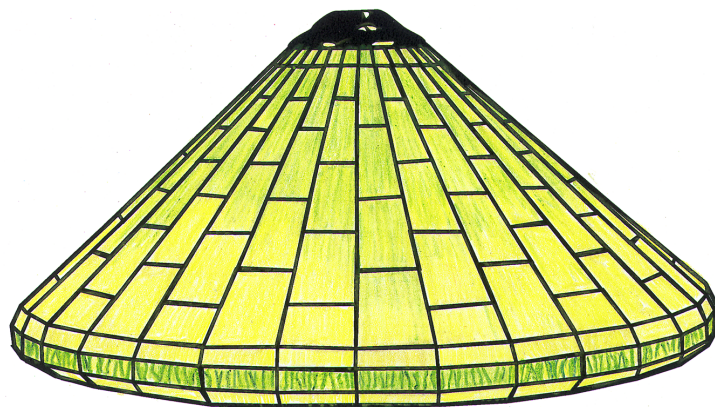
- 360° form embossed and numbered to accept glass placement guides (cartoon)



## \*\*\*3" Vase Cap



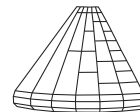
HC3 VC3 VHC3  
Need One 3" (7.6cm) Vase Cap  
Sold Separately



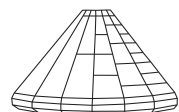
36 and 18  
repeat grid lamp



36 and 18  
repeat grid



32 repeat grid  
pattern



24 repeat grid  
pattern

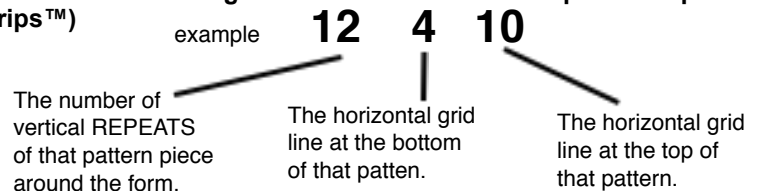
## How This System Works (Getting Started)

To create your own lamp design, first cut out and install the blue grid strips per instruction manual.

For an all gridwork design select and cut out the GRID Patterns (see above), select the stained glass, cut the glass parts and start pinning them on the form. Follow the foiling and soldering instructions in the Manual.

The key to GRID PATTERN placement. Each pattern piece is printed with THREE NUMBERS.

Count the HORIZONTAL lines UP starting at the BOTTOM. Vertical repeats are printed on the form (MagicStrips™)



## Lamp Designing and Pattern Making Methods

1. Pattern shell: Use 3 mil drafting film to make a pattern shell covering one repeat of the design. Cut strips the width of the grid strips and attach them together with magic tape. Draw the design and trace repeats around the form. Cut the pattern shell apart to make paper patterns.

2. Draw, Mark and Trace: Draw one repeat of your lamp design on the blue grid (cover the printed grid with magic tape for easy erasing). Make one set of paper patterns to cut the glass. Use the horizontal and vertical lines on the grid, mark patterns, and place and trace each pattern around the form.

3. Drafting Film Strips: Use 3 mil drafting film and fashion strips the same width as the blue grid but make them the same length as one repeat of your design. Create your design and make the paper patterns. Then trace the pattern repeats by moving the strips one at a time around the form.

Traditional Tiffany style lamps were made in repeated designs. Study the lamps (other side) for advanced ideas that you could use for your lamp. Use the prepared grid as a start and incorporate them into any width, shape, or repeat you desire.

## DISPLAYING YOUR LAMP

This shade was designed to be used with a lamp base or a hanging mini lamp shade. The suggested lamp base height is 17 to 20", depending on the depth of your lamp shade.

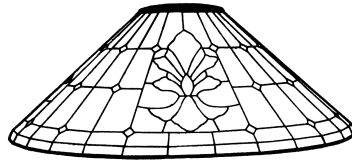
H. L. WORDEN 'MAKE A LAMP' SYSTEM  
 Examples of Grid Work Use in  
 Traditional Tiffany Style Lamps



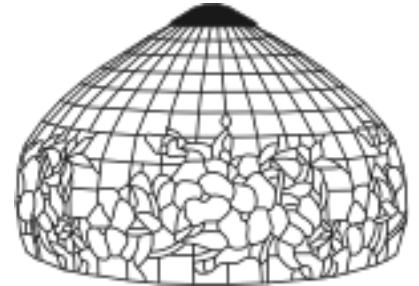
All Grid  
 Work



Vertical grid  
 with rounded bottoms



Grid with design  
 Bottom border grid



Grid lamp with design  
 integrated into skirt  
 Even bottom grid border



Grid in dome  
 with mirror image design  
 Uneven bottom



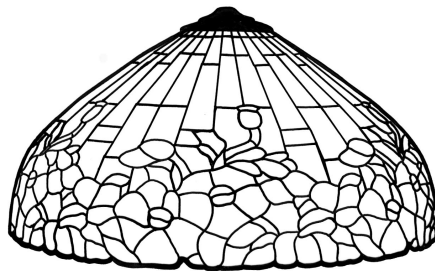
Brick dome grid  
 Border above, uneven skirt



Vertical grid  
 with uneven horizontal lines



Uneven vertical and  
 horizontal grid



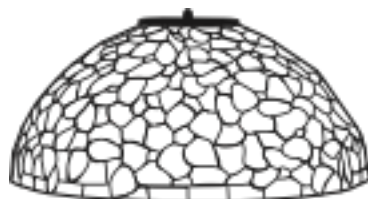
Uneven horizontal grid  
 Top border, uneven bottom border



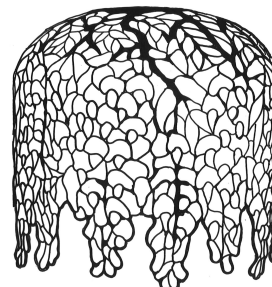
Grid dome with border above  
 and below the skirt



3 bottom border grid  
 Turned under



Bottom border with  
 integrated design



Uneven top and bottom  
 No grid work

GlassHouseStore.com  
 Decatur, IL

