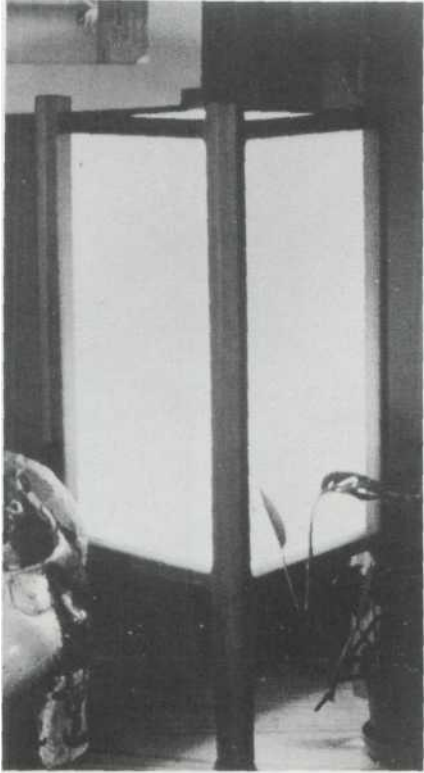


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SHOJI LAMP



This lantern-style lamp and shoji screen can be used indoors or out. It's constructed easily with glue and small brads; however, remember to nail carefully to avoid splitting the wood.

1. After cutting all the pieces to size, assemble the frames by attaching the rails (B) to the legs (A) with dowels and glue. Place the rails 3/4" down from the tops of the legs and 6-3/8" up from the bottoms as shown.

2. Rout a 6-1/4"-long channel up the center of one of the legs, beginning at the bottom. Make the channel wide and deep enough to enclose the lamp cord and place it on an outside edge that can be covered by an overlapping frame as shown in the drawing. Then, on the adjacent inside face of the leg, drill a hole that intersects the upper end of the channel to provide an exit for the cord. Pick the frame that will cover the cord channel and drill a hole through it near the bottom of the appropriate leg to provide an entry path for the cord.

3. Dry fit the four frames, mark them, and drill holes for doweling them together. Then sand and finish the frames as desired.

4. Cut a piece of fiberglass fabric large enough to cover the rectangular opening in each frame. Fasten the fiberglass panels to the inner face of each frame using small wire nails.

5. Drill a hole through the base (C), centered along its length and 1-1/2" from one side. Size the hole to accept the pipe nipple found in the lamp socket kit.

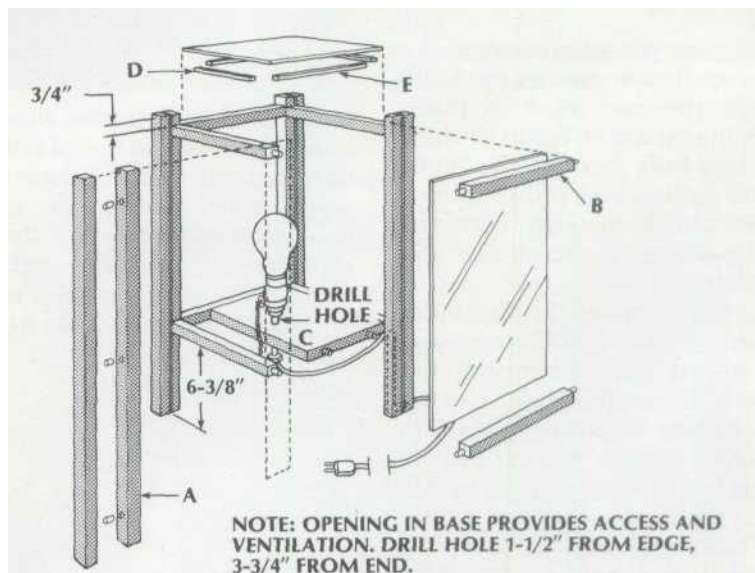
6. Fasten the base between the frame with the cord channel and one other frame using dowels and glue. Make the base side that is farthest from the pipe nipple hole flush with the outside edges on one side of the frames to create a

ventilation and access space on the other side.

7. Lace the lamp cord through the holes and channel in the two frames, pulling enough out the upper end for connecting with the socket. Fasten the four frames together using glue and dowels. Then glue and tack the support strips (D, E) to the backs of the upper rails, keeping their lower edges flush.

8. Insert the pipe nipple into the base, keeping the nut on the lower end. Run the cord up through the nipple and fasten it to the socket, then mount the socket to the pipe nipple. Rotate the socket to place the pull chain side next to the ventilation hole, then tighten the nut.

9. Cut a piece of fiberglass to serve as the top of the lamp. Glue and tack it to the top edges of the support strips.



LIST OF MATERIALS

(finished dimensions in inches)

A	Legs (8)	3/4 × 3/4 × 24
B	Rails (8)	3/4 × 3/4 × 7-1/2
C	Base	3/4 × 6 × 7-1/2
D	Support strips (2)	5/16 × 1/2 × 7-1/2
E	Support strips (2)	5/16 × 1/2 × 8-3/8
	Dowels	3/8 dia. × 1-1/2
	Wire nails	
	Lamp socket kit	
	(socket, pull chain, cord, pipe nipple, and nut)	
	Fiberglass fabric	
	Wood glue	