

Lithopane Lamp with Rotating Base

Purchased Parts BOM

<u>Qty</u>	<u>Description</u>	<u>Material</u>
2	Polycarbonate 0.220" thk 24x24"	PC translucent white
10	Square feet of 3/4 wood material of your choice	Wood
4	Square feet of 1/2 wood material of your choice	Wood
1	1/4" x 3-1/2" hex bolt	Steel Zinc plated
1	1/4" x 2-1/2" hex bolt	Steel Zinc plated
1	1/4" x 2" hex bolt	Steel Zinc plated
6	1/4" plastic washer	nylon or similar
1	Fender washer 1/4"	Steel Zinc plated
8	Screw wood #8 x 1-1/2" long	Steel plated
6	1/4" x 1/2" x 1/2" long plastic spacer	nylon or similar
1	Spindle	Wood/Plastic
1	housing light bulb with mount	Plastic
1	Lamp extension 6" long	Brass
6	Lamp hardware nut	Brass
6	Lamp hardware washer	Brass
8	Feet of lamp cord 2 conductor, 18AWG	Wire
1	Rotating switch	Plastic
1	Plug-in	Plastic
1	Wall wart, 12V, 150mA or larger	
1	Motor 12V, gear head, 6RPM	

Parts to Make

<u>Qty</u>	<u>Description</u>
1	Fixed Base
2	Frame Support
1	Gear Mount
3	15 tooth gears
3	6 tooth gears
5	Litho Frame
5	Lithopane OR Light Diffuser
2	Mount Support
1	Top Cap
5	Trim molding

Other

Wood glue
Brads or small nails as needed
Solder
Hot glue
Black tape or shrink tubing
Spray adhesive

Vendor

Other

McMastercarr 8650K322

Local Hardware

Local Hardware

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McMastercarr 94639A503

Local Hardware

Look in the curtain rod section

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Local Hardware

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Found with lamp hardware

Local Hardware

Radio Shack

MPJA 15870 MD