Make a classic holiday accent while learning about lock miter joints.

Hardwood Luminary

GET FROM ROCKLER

Stock #  Item
33695  1/2” Maple Lumber
22627  Lock Miter Bit

OTHER MATERIALS
- Wood glue and screws
- Sandpaper
- Drying oil or wipe-on finish

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800-279-4441
1. **FIRST MITER**

Number the sides in order of their position. Make the first cut on the edges of two opposing sides. Take several light passes to avoid blowout.

2. **SECOND MITER**

Make the mating cuts by routing the other two opposing sides through on edge. Again, several light passes works best.

3. **MARK THE SIDES**

Use a template to trace the outline onto each side. Cut out the shape using a band saw or jigsaw and then sand away the saw marks.

4. **CUT THE CENTER DESIGN**

Trace the cutout pattern onto the sides. Cut the pattern using a scroll saw or jigsaw. Round over the top inside edges of the sides.

5. **GLUE AND CLAMP**

Brush glue into the joints and clamp the sides together. When dry, use a router to break the corners before attaching the bottom.

6. **ATTACH THE BASE**

Drill pilot holes through the bottom and into the sides. Countersink the holes and attach the bottom using screws.
**MATERIAL LIST**

<table>
<thead>
<tr>
<th>Material</th>
<th>T x W x L</th>
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<tbody>
<tr>
<td>1 Base (1)</td>
<td>1/2&quot; x 6 1/2&quot; x 6 1/2&quot;</td>
</tr>
<tr>
<td>2 Sides (4)</td>
<td>1/2&quot; x 5&quot; x 8 1/2&quot;</td>
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