LIGHTING POLES & SIGN POSTS
Laminated Wood Lighting Poles

Laminated wood lighting poles are aesthetically pleasing in formal or rustic settings and are manufactured from 100% renewable, natural coastal douglas fir.

Treated with pentachlorophenol, they will offer many years of service. These poles are directly embedded, and are field friendly... can be drilled, nailed, or cut on-site.

The internal raceway hides and protects wiring.

Cataloged poles are straight, but custom ordered curved poles are available.

### Standard Sizes
(Virtually any size available, inquire Hughes Brothers Engineering Department.)

### EPA Rating Table

<table>
<thead>
<tr>
<th>Wind Speed (mph)</th>
<th>Pole Size &amp; Height Above Ground/Set Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5-1/8&quot; x 4-1/8&quot;, 12'-0&quot;/3'-6&quot;</td>
</tr>
<tr>
<td>70</td>
<td>10.4</td>
</tr>
<tr>
<td>80</td>
<td>8</td>
</tr>
<tr>
<td>90</td>
<td>6.2</td>
</tr>
<tr>
<td>100</td>
<td>5</td>
</tr>
<tr>
<td>110</td>
<td>4.1</td>
</tr>
</tbody>
</table>
### C4773 Laminated Wood Lighting Standard

**Specifications:**

- Open defects such as knot holes exceeding 1/2” in diameter or wane exceeding 1/4”x12” shall be filled with wood filler. Sides shall be S4S with edges eased to 3/8” radius.

- Tolerances shall be from +0 to -1/8” for width and ±1/4” in length.

- Lumber is coast region Douglas-Fir only, L1 laminating grade for strength and appearance.

- Each Standard shall be branded with a trademark 18” above intended ground line including month and year of manufacture.

- Luminaire hardware and pole caps are not included with the pole.

- All lighting standards are penta treated.

- Internal raceway is 1” x 1-1/4” and runs the full length of the pole.

<table>
<thead>
<tr>
<th>Pole Length</th>
<th>Part No.</th>
<th>“X”</th>
<th>“Y”</th>
<th>“W”</th>
<th>“D”</th>
</tr>
</thead>
<tbody>
<tr>
<td>15'-6”</td>
<td>C4773.1A-1L</td>
<td>3'-0”</td>
<td>12'-0”</td>
<td>4-1/4”</td>
<td>5-1/8”</td>
</tr>
<tr>
<td>19'-0”</td>
<td>C4773.1B-1L</td>
<td>4'-0”</td>
<td>15'-0”</td>
<td>4-1/4”</td>
<td>5-1/8”</td>
</tr>
<tr>
<td>24'-0”</td>
<td>C4773.1C-1L</td>
<td>4'-0”</td>
<td>20'-0”</td>
<td>5-1/8”</td>
<td>5-3/4”</td>
</tr>
<tr>
<td>30'-0”</td>
<td>C4773.1D-1L</td>
<td>5'-0”</td>
<td>25'-0”</td>
<td>5-1/8”</td>
<td>5-3/4”</td>
</tr>
<tr>
<td>18'-0”</td>
<td>C4773.2A-1L</td>
<td>4'-0”</td>
<td>14'-0”</td>
<td>4-1/4”</td>
<td>5-1/8”</td>
</tr>
</tbody>
</table>
C4773.1 Laminated Light Pole Series

C4773.1A-1L Light Pole (Lam.)

- 4'-1/4"
- 12'-0"
- 5'-1/8"
- "P12"
- TM Loc
- 1-6"
- 2'-5"
- 1'-3"
- Gr. Line
- Detail “A”
- 15'-6"

C4773.1B-1L Light Pole (Lam.)

- 4'-1/4"
- 19'-0"
- 5'-1/8"
- "P15"
- TM Loc
- 1-6"
- 4'-0"
- Gr. Line
- Detail “A”

C4773.1C-1L Light Pole (Lam.)

- 5'-3/4"
- 20'-0"
- "P20H"
- TM Loc
- 1-6"
- 4'-6"
- 2'-0"
- 2'-6"
- 2'-6"
- 1-6"
- Gr. Line
- Detail “A”

C4773.1D-1L Light Pole (Lam.)

- 5'-3/4"
- 25'-0"
- "P25H"
- TM Loc
- 1-6"
- 2'-6"
- 2'-6"
- 1-6"
- 2'-6"
- 2'-6"
- 2-1/2"
- 2-1/2"
- Gr. Line
- Detail “A”
Laminated Wood Lighting Pole Accessories

Pole Caps
Protect the top of the pole by installing pole caps. These are manufactured from 11 gauge steel and are available in galvanized or power coated finishes.

<table>
<thead>
<tr>
<th>Pole Size</th>
<th>Galvanized</th>
<th>Powder Coat (Specify Color)</th>
<th>Aluminum</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-3/8&quot; x 5-1/8&quot;</td>
<td>C4773.3A</td>
<td>C4773.3A-B(color)</td>
<td>C4773.3A-A</td>
</tr>
<tr>
<td>5-1/8&quot; x 5-3/4&quot;</td>
<td>C4773.3B</td>
<td>C4773.3B-B(color)</td>
<td>C4773.3B-A</td>
</tr>
</tbody>
</table>

Pole Top Luminary Supports
The pole top luminary support provides a means to mount slipfit fixtures on a 3" OD pipe at the top of the pole.

<table>
<thead>
<tr>
<th>Pole Size</th>
<th>Galvanized</th>
<th>Powder Coat (Specify Color)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-3/8&quot; x 5-1/8&quot;</td>
<td>C4773.10A</td>
<td>C4773.10A-B (color)</td>
</tr>
<tr>
<td>5-1/8&quot; x 5-3/4&quot;</td>
<td>C4773.10</td>
<td>C4773.10B-B (color)</td>
</tr>
<tr>
<td>6&quot; x 6-3/4&quot;</td>
<td>C4773.11B</td>
<td>C4773.11B-B (color)</td>
</tr>
</tbody>
</table>

Locate 10C Pipe Centered Over 3" Diameter Hole
Locate 5/16" Dia. Holes
(For 4-3/8" x 5-1/8" Pole Top)
(For 5-1/8" x 5-3/4" Pole Top)
Laminated Wood Lighting Pole Accessories

Pole Side Luminary Brackets
Mount luminaries vertically or horizontally with these pole side brackets. These brackets mount to the pole side with 4 bolts (not provided).

C4773.5A (Galvanized) and C4773.5A-“B”

C4773.6A (Galvanized) and C4773.6A-“B”

(specify color)
LVL Lighting Poles
I Lighting Poles & Sign Posts

B2676 Series

LVL breakaway lightpoles provide the ideal combination of economy, safety, durability and aesthetics. The simple one-step installation and saw cut breakaway feature reduces installation and replacement costs versus alternatives that require a multi-step installation process of concrete footings and attachment hardware. The hollow box shape makes LVL lightpoles lighter and easier to install, while resisting twist and bow. Full depth penetration of the penta treatment ensures long service life. Conforms to current NCHRP Report 350.

Many other Custom Poles can be made, contact Hughes Brothers Engineering Department.
B2676 Series (cont.)

B2676-B2

B2676-D

B2676-D2

B2676-E

B2676-B2
Installation of LVL Breakaway Poles

Holes for the posts should be bored with a 24” auger. The holes should be bored to an embedment depth following standard specifications for each particular application. Each should be backfilled with a granular fill as a minimum. Anchor plates or concrete may be required and the owner should verify on-site soil conditions.
Breakaway Sign Posts

LVL breakaway signposts and lightpoles provide the ideal combination of economy, safety, durability and aesthetics. The simple one-step installation and saw cut breakaway feature reduces installation and replacement costs versus alternatives that require a multiple-step installation process of concrete footings and attachment hardware. The hollow box shape makes LVL signposts and lightpoles lighter and easier to install, while resisting twist and bow. Both products are treated with wood preservatives to provide long life, and each conforms to current NCHRP Report 350.

- Warranted to be free from defects
- Simple one-step installation
- Supports large signs and high wind loads
- More attractive than steel or aluminum
- Preservative treated to AWPA Standard C33 for durability
- Hollow box design resists twist and bow
Breakaway Sign Posts
Installation, Handling, & Storage

Installation
Holes for the posts should be bored with an auger. The type L post requires a 30" diameter hole, and the type M post requires a 24" diameter hole. The holes should be bored to an embedment depth following standard state specifications for each particular sign application. Each should be backfilled with a granular fill in a manner as specified in the state’s standard specifications. The breakaway feature should be cut into the signpost after the posts are set. First, carefully drill one inch holes at the proper locations on the signpost, then cut the web between the holes, taking care not to cut beyond them.

Do not splice LVL breakaway signposts together or remove the protective metal cap from the top of the post.

Fasten the sign panel to the posts with lag screws in predrilled pilot holes. Fastener values (nails, bolts, screws, etc.) are as provided for solid sawn Douglas fir in the National Design Specification® for Wood Construction published by the NFPA. The lag screws should be installed and tightened with a hand wrench.