25 Foot Round Tapered Aluminum Light Pole, 6 Inch Diameter, 0.156 Inch Wall Thickness

PRODUCT DESCRIPTION

**Pole Top Options:** Poles are provided with either a removable top cap or a welded aluminum tenon. A 2-3/8 inch outside diameter tenon, 4 inches in length is the most common; however, other tenon sizes are available. Customers should confirm the appropriate tenon size required by their project prior to ordering. Poles with a top cap can also be drilled during fabrication. The drill pattern and orientation need to be provided by the customer unless Energy Light fixtures are being used for the project.

**Pole Shaft:** The pole shaft is constructed of seamless extruded tube of 6063 aluminum alloy per the requirements of ASTM B221. The shaft assembly is full-length heat treated after base weld to produce a T6 temper.

**Handhole:** A reinforced handhole with grounding provision is provided at 18 inches from the base end of the pole assembly. Each handhole includes a cover and the attachment hardware.

**Base & Bolt Covers:** A 4-bolt cast aluminum base flange of alloy 356-T6 with aluminum bolt covers and stainless steel hex head attaching screws.

**Anchor Bolts:** A set of 4 galvanized steel anchor bolts is provided with each pole assembly. Each bolt includes 2 nuts and 2 washers. A portion of the anchor bolt is threaded for securing and leveling the pole with the provided nuts and washers. An actual size paper anchor bolt template is provided.

**Color and Finish Options:** The standard finish for our round aluminum light poles is a natural aluminum finish. Our poles are also available with a commercial grade, powder coat finish for an additional charge. Standard color options include dark bronze, black, gray, green, and white; however, custom color options are also available.

**Other Options:** The following options are available: Vibration dampener, custom tenon sizes, custom colors, electric/GFI outlets, custom pole heights, additional handholes and custom base plate dimensions. Please consult one of our light pole experts for details.

---

**Specification Table**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting Height (ft.)</td>
<td>A 25</td>
</tr>
<tr>
<td>Wall Thickness (in.)</td>
<td>B 0.156</td>
</tr>
<tr>
<td>Top Diameter (in.)</td>
<td>C 4.5</td>
</tr>
<tr>
<td>Butt Diameter (in.)</td>
<td>D 6</td>
</tr>
<tr>
<td>Handhole (in.)</td>
<td>E 3 x 5</td>
</tr>
<tr>
<td>Base Width (in.)</td>
<td>F 0.75</td>
</tr>
<tr>
<td>Bolt Circle (in.)</td>
<td>G 9.5</td>
</tr>
<tr>
<td>Bolt Projection (in.)</td>
<td>H 2.75</td>
</tr>
<tr>
<td>Anchor Bolt Size (in.)</td>
<td>I 0.75 x 30 x 3</td>
</tr>
<tr>
<td>Bolt Circle Range (in.)</td>
<td>- 9-10</td>
</tr>
</tbody>
</table>

**Maximum EPA with 1.3 Gust Factor:**

- 90 mph: 8.6 Square Feet
- 100 mph: 6.6 Square Feet
- 120 mph: 4.0 Square Feet
- 130 mph: 3.2 Square Feet

---

**Diagram:**

- **4-Bolt Base with Bolt Covers**
- **Handhole with Cover and Hardware**
- **Grounding Provision Opposite Handhole**
- **(Welded) Removable Pole Cap with Stainless Steel Hardware (Tenon Will be Welded or Spun)**
- **(Spun) (4) Galvanized Steel Anchor Bolts (See Table for Details)**
- **18 Inches**
- **1-1/2 Inches**
- **(4) Anchor Bolts**
- **Base Plate**

---

Copyright © 2019 Energy Light, Inc. All Rights Reserved. | 800 E. Northwest Highway, Palatine, IL 60074