25A6RS156
25 Foot Round Straight 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 with 4 inches in length is the most common; however, other tenon options 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 will be constructed of seamless extruded tube of 6063 aluminum alloy per the requirements of ASTM B221. The shaft assembly shall be 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 straight 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 for an additional charge. Please consult one of our light pole experts for details: Vibration dampener, custom tenon size, custom color, electric/GFI outlet, custom pole height, additional handhole, UL compliant handholes and custom base plate dimensions.

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**Specification Table**

<table>
<thead>
<tr>
<th>Mounting Height (ft.)</th>
<th>A</th>
<th>25</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall Thickness (in.)</td>
<td>B</td>
<td>0.156</td>
</tr>
<tr>
<td>Top Diameter (in.)</td>
<td>C</td>
<td>6</td>
</tr>
<tr>
<td>Butt Diameter (in.)</td>
<td>D</td>
<td>6</td>
</tr>
<tr>
<td>Handhole (in.)</td>
<td>E</td>
<td>3 x 5</td>
</tr>
<tr>
<td>Base Width (in.)</td>
<td>F</td>
<td>9.75</td>
</tr>
<tr>
<td>Bolt Circle (in.)</td>
<td>G</td>
<td>9.5</td>
</tr>
<tr>
<td>Bolt Projection (in.)</td>
<td>H</td>
<td>2.75</td>
</tr>
<tr>
<td>Anchor Bolt Size (in.)</td>
<td>I</td>
<td>0.75 x 30 x 3</td>
</tr>
<tr>
<td>Bolt Circle Range (in.)</td>
<td></td>
<td>9-10</td>
</tr>
</tbody>
</table>

**Maximum EPA with 1.3 Gust Factor:**

90 mph: 7.4 Square Feet
100 mph: 6.6 Square Feet
120 mph: 4.1 Square Feet
130 mph: 3.3 Square Feet

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**Diagram Description**

- **A:** Removable Pole Cap with Stainless Steel Hardware (Optional Tenon Available)
- **B:** Drilling per Customer Specifications
- **C:** Optional Vibration Damper Installed Internally
- **D:** (4) Galvanized Steel Anchor Bolts (See Table for Details)
- **E:** Reinforced Handhole with Cover and Hardware
- **F:** Base Plate
- **G:** 4-Bolt Cast Aluminum Base Flange of Alloy 356-T6 with Aluminum Bolt Covers and Stainless Steel Hex Head Attaching Screws
- **H:** Grounding Provision Opposite Handhole
- **I:** 18 inches