**Pole**

The pole shaft will be constructed of seamless extruded tube of 6XXX Series Aluminum Alloy per the requirements of ASTM B221. The shaft assembly shall be full-length heat treated after base weld.

**Base Style**

4-Bolt Cast Aluminum Base Flange of Alloy 356-T6 with Aluminum Snap-In Bolt Covers.

**Handhole**

- **4”-5” Butt Squares** - 2” x 4” Handhole with square Lap Style Aluminum Door and two (2) Stainless Steel Self-Tapping Attaching Screws. A Grounding Provision incorporating a tapped 1/4”-20NC Grounding Provision is provided opposite the Handhole.
- **6”+ Butt Square** - 3” x 5” Handhole with square Lap Style Aluminum Door and two (2) Stainless Steel Self-Tapping Attaching Screws. A Grounding Provision incorporating a tapped 1/4”-20NC Grounding Provision is provided opposite the Handhole.

**Anchorage**

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain four (4) Hex Nuts, four (4) Lock Washers, and four (4) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided.

**Vibration Damper**

If determined necessary by Hapco, a top-mount, field installed First Mode Vibration Damper will be provided. Customer specification of the damper is available.

**Mounting Designation**

**Side Drill Mount**

For Side Drill Mount applications specify luminaire type, quantity and orientation. A luminaire drilling template must be supplied at time of order.

**Tenon Mount**

For Tenon Mount applications specify both Tenon diameter (2.375”, 2.875”, 3.5”, etc.) and length (3”, 4”, etc.).

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### Table: SSA Pole Specifications

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>4</td>
<td>4</td>
<td>8.5 - 9.5</td>
<td>9,875</td>
<td>1.5</td>
<td>.75 x 17 x 3</td>
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<tr>
<td>5</td>
<td>5</td>
<td>10.5 - 11.5</td>
<td>11.25</td>
<td>2</td>
<td>.75 x 30 x 3</td>
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<tr>
<td>6</td>
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<td>12 - 13</td>
<td>12.75</td>
<td>2.25</td>
<td>1 x 36 x 4</td>
</tr>
<tr>
<td>6.625</td>
<td>6.625</td>
<td>13 - 14</td>
<td>13.5</td>
<td>2.25</td>
<td>1 x 36 x 4</td>
</tr>
</tbody>
</table>

Dimensions in inches

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**WARNING:** Do not install light pole without luminaire.
The catalog number for Hapco poles utilizes the following identification system.

**Catalog Number Example** -

SSA 20 D 5 - 4 – BA

Square Straight Aluminum, 20’ Mounting Height, .188” Wall Thickness, 5” Butt Square, No Taper, 4-Bolt Base, Black Powder Coat Finish.

### Wall Thickness

- **B** = .125”
- **D** = .188”
- **F** = .250”

### Butt Square

- **4** = 4”
- **5** = 5”
- **6** = 6”
- **J** = 6-5/8”

### Top Square

- **-** = No Taper

### Base Style

- **4** = 4-Bolt Base

### Finish

- **02** = Satin Aluminum
- **BA** = Black Powder Coat
- **BH** = White Powder Coat
- **BM** = Dark Bronze Powder Coat
- **BV** = Dark Green Powder Coat
- **GC** = Gray Powder Coat

**SSA** = Specify Finish

### EPA Notes:

Effective Projected Area (EPA) in square feet. EPA’s calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.