### Ordering Information

**Sample Catalog Number Logic**

<table>
<thead>
<tr>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS4</td>
<td>16</td>
<td>DE</td>
<td>BLK</td>
<td>30</td>
</tr>
<tr>
<td>SS4</td>
<td>20</td>
<td>AB</td>
<td>DGR</td>
<td>23</td>
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</tbody>
</table>

- **B** Above Grade Height
  - Cat No.: Description
    - 10: 10 feet/3.0M
    - 11: 11 feet/3.4M
    - 12: 12 feet/3.7M
    - 13: 13 feet/4.0M
    - 14: 14 feet/4.3M
    - 15: 15 feet/4.6M
    - 16: 16 feet/4.9M
    - 17: 17 feet/5.2M
    - 18: 18 feet/5.5M
    - 19: 19 feet/5.8M
    - 20: 20 feet/6.1M
    - 21: 21 feet/6.4M
    - 22: 22 feet/6.7M
    - 23: 23 feet/7.0M
    - 24: 24 feet/7.3M
    - 25: 25 feet/7.6M

- **C** Installation Method
  - Cat No.: Description
    - DE: Direct Embedded
    - AB: Anchor Base

- **D** Color
  - Cat No.: Description
    - BLK: Black
    - MTB: Matte Black
    - DBZ: Dark Bronze
    - DGR: Dark Green
    - HTG: Hunter Green
    - SLV: Silver
    - WHT: White
    - GRY: Grey
    - CC: Custom color - Please provide a min. 3" x 3" color chip.
    - RAL: Please provide a four digit RAL color number.

- **E** Tenon O.D. (Outside Diameter)
  - Cat No.: Description
    - 23: 2 3/8" (60 mm)
    - 27: 2 7/8" (73 mm)
    - 30: 3' (76 mm) nominal

- **F** Options
  - Cat No.: Description
    - RC: Receptacle housing and a NEC approved cover with GFCI receptacle. Standard location is 12'/305mm below the top of the pole.
    - Other accessories are shown on the Accessories specification sheet.
**COMPOSITE POLE**

**SQUARE POLE SHAFT**

Direct Embedded - DE

```
18 in
460mm
```

```
24 in
610mm
```

**Specifications**

**POLE SHAFT**
The pole shaft shall be square straight 4" square, smooth with a 2.5'/62mm x 5'/125mm cover painted to match pole. The composite lighting pole shall be square, hollow and straight with no taper. The pole shall be non-conductive and chemically inert. The square cross section shall provide resistance to rotation.

**PERFORMANCE CRITERIA**
The post shall be designed with a minimum safety factor of 1.5:1 and have no more than a 15% deflection at full wind loading. The post shall deflect no more than 2.5% of the above-ground length and have no more than a 15% deflection at full wind loading. The post shall be non-conductive and chemically inert. The square cross section shall provide resistance to rotation.

**ANCHOR BASE**
Anchor bases shall be constructed of primed and painted aluminum or galvanized steel. The base shall be factory bonded to the post. The anchor base shall have four holes at ninety degrees, accommodating attachments, arms, fixtures & accessories.

**POST TOP**
A painted aluminum or galvanized steel tenon shall be firmly bonded to the pole for mounting a post-top luminaire or arm.

**FINISH**
The surface of the post shall be uniform and consistent for the entire length of the post. A UV-resistant catalyzed urethane coating shall be extremely durable and retain its gloss after a 5000 hour exposure test (ASTM G-154) to the sun, with no dulling or chalking of the surface.

**BASE COVER**
The standard base cover shall be a round or square two-piece ABS cover. All base covers shall be corrosion free and painted to match pole.

**WARRANTY**
The products shall be warranted to be free of defects for three years from the date of shipment from the factory.

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**Anchor Base Installation - AB**

```
18 in
460mm
```

**Anchor Base Dimensions for SS4**

- Hand hole is 2.5'/62mm x 5'/125mm
- Mounting holes are 8.1'/21mm for 8' bolt circle
- Conduit entry hole in base plate is 3.0'/76.2mm

**Wind Loading Data for Direct Embedded and Anchor Base**

<table>
<thead>
<tr>
<th>Wind Speed (mph) with 3 second gust factor</th>
<th>WT</th>
<th>90</th>
<th>100</th>
<th>110</th>
<th>120</th>
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Wind speed values are for a 3-second gust per ASCE 7-05. Calculated per ANSI C136.20-2012. Assumes load 12 inches above the pole top. Safety factor = 1.5:1. Maximum weight for tenon mount is 100 lbs; for side mounting, total loading cannot exceed 50 lbs (max loading includes all attachments, arms, fixtures & accessories).

Contact factory for AASHTO or specific local codes.