Decorative Lamp Post

Fluted Tapered Pole

- Fluted, tapered composite pole
- Direct Embedded and Anchor Base models
- XTREME® elastomeric urethane base cover

Ordering Information

Sample Catalog Number Logic

<table>
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<tr>
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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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<td>DGR</td>
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<td>AB</td>
<td>BLK</td>
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<td>RC</td>
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- **B** Above Grade Height
  - Cat No. Description
    - 6  6 feet/1.8M
    - 7  7 feet/2.1M
    - 8  8 feet/2.4M
    - 9  9 feet/2.7M
    - 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

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

- **D** Color
  - Cat No. Description
    - BLK  Black
    - DBZ  Dark Bronze
    - DGR  Dark 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
    - 30  3" (76mm) O.D. x 3" (76mm) height
    - 40  4" (102mm) O.D. x 6" (178mm) height
    - 99  Custom Tenon Size

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

Whatley - Valmont Composite Structures, Inc.
19845 U.S. Highway 76 • Newberry, SC 29108 USA
Tel: 877.959.7678 | 803.276.5507 • Fax: 803.276.8940 • whatley.com
The surface of the post shall be uniform and consistent for the entire finish bonded to the pole for mounting a post-top luminaire or arm. A painted aluminum or galvanized steel tenon shall be factory finished grade. Embedded depths may vary per local codes, site soil conditions, drainage and very high wind conditions.

**Specifications**

**POLE SHAFT**
The CF10 pole shaft shall be round tapered, smooth with 10 flutes and a .108”/2.7mm per foot taper. The hand hole shall be 2.5”/64mm x 5”/127mm with a cover. The shaft shall be constructed of fiberglass combined with a thermostetting resin using an advanced centrifugal cast process. The hand hole area and hardware attachment areas shall be reinforced.

The butt end of the embedded-type post shall be shaped to increase the resistance to rotation. The post shall be non-conductive and chemically inert.

**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 have a .108” /2.7mm per foot taper. The hand hole shall be 2.5” /64mm x 5”/127mm with a cover. The shaft shall be constructed of fiberglass combined with a thermostetting resin using an advanced centrifugal cast process. The hand hole area and hardware attachment areas shall be reinforced.

**ANCOR BASE**

Anchor bases shall be constructed of hot dipped galvanized steel. The ornamental decorative base cover shall be one or two piece and constructed of a proprietary elastomeric urethane and finished to match the post. The base shall be corrosion free and extremely resistant to impact and chipping.

**POST TOP**

A painted aluminum or galvanized steel tenon shall be factory 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 retains its gloss after a 5000 hour exposure test (ASTM G-154), with no dulling or chalking of the surface.

**ORNAMENTAL BASE COVER**
The ornamental decorative base cover shall be one or two piece and constructed of a proprietary elastomeric urethane and finished to match the post. The base shall be corrosion free and extremely resistant to impact and chipping.

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

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

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<th>Cat No.</th>
<th>Description</th>
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<th>90</th>
<th>100</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.

Contact factory for AASHTO or specific local codes.