Decorative Lamp Post

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

Ordering Information

<table>
<thead>
<tr>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>CF10-D18M</td>
<td>17</td>
<td>DE</td>
<td>DGR</td>
<td>40</td>
</tr>
<tr>
<td>CF10-D18M</td>
<td>21</td>
<td>AB</td>
<td>BLK</td>
<td>30</td>
</tr>
</tbody>
</table>

**Sample Catalog Number Logic**

**B** Above Grade Height

- 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
- 20 20 feet/6.1M
- 21 21 feet/6.4M

**C** Installation Method

- DE Direct Embedded
- AB Anchor Base

**D** Color

- 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)

- 30 3' (76mm) O.D. x 3' (76mm) height
- 40 4' (102mm) O.D. x 6' (178mm) height
- 99 Custom Tenon Size

**F** Options

- 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
Direct Embedded - DE

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 thermosetting resin using an advanced centrifugal cast process. The hand hole area and hardware attachment areas shall be reinforced.

The base shall be factory bonded to the pole. The anchor base shall have four holes at ninety degrees, accommodating a bolt circle as indicated in the chart.

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

ANCHOR BASE
Anchor bases shall be constructed of hot dipped galvanized steel. The base shall be factory bonded to the pole. The anchor base shall have four holes at ninety degrees, accommodating a bolt circle as indicated in the chart.

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 pole 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 with 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.

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

Anchor Base Installation - AB

Wind Loading Data for Direct Embedded and Anchor Base

<table>
<thead>
<tr>
<th>Cat No.</th>
<th>Description</th>
<th>WT</th>
<th>90</th>
<th>100</th>
<th>110</th>
<th>120</th>
<th>130</th>
<th>140</th>
<th>150</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>6 feet/1.8M</td>
<td>42</td>
<td>40.0</td>
<td>32.1</td>
<td>26.3</td>
<td>21.8</td>
<td>18.4</td>
<td>15.6</td>
<td>13.4</td>
</tr>
<tr>
<td>7</td>
<td>7 feet/2.1M</td>
<td>47</td>
<td>37.0</td>
<td>29.7</td>
<td>24.3</td>
<td>20.2</td>
<td>17.0</td>
<td>14.5</td>
<td>12.4</td>
</tr>
<tr>
<td>8</td>
<td>8 feet/2.4M</td>
<td>53</td>
<td>33.2</td>
<td>26.7</td>
<td>21.8</td>
<td>18.1</td>
<td>15.2</td>
<td>12.9</td>
<td>11.1</td>
</tr>
<tr>
<td>9</td>
<td>9 feet/2.7M</td>
<td>58</td>
<td>31.4</td>
<td>25.2</td>
<td>20.5</td>
<td>17.1</td>
<td>14.4</td>
<td>12.2</td>
<td>10.5</td>
</tr>
<tr>
<td>10</td>
<td>10 feet/3.0M</td>
<td>64</td>
<td>29.3</td>
<td>23.5</td>
<td>19.2</td>
<td>15.9</td>
<td>13.4</td>
<td>11.3</td>
<td>9.7</td>
</tr>
<tr>
<td>11</td>
<td>11 feet/3.4M</td>
<td>69</td>
<td>28.3</td>
<td>22.7</td>
<td>18.5</td>
<td>15.3</td>
<td>12.9</td>
<td>10.9</td>
<td>9.4</td>
</tr>
<tr>
<td>12</td>
<td>12 feet/3.7M</td>
<td>75</td>
<td>27.2</td>
<td>21.8</td>
<td>17.7</td>
<td>14.7</td>
<td>12.3</td>
<td>10.5</td>
<td>9.0</td>
</tr>
<tr>
<td>13</td>
<td>13 feet/4.0M</td>
<td>81</td>
<td>26.0</td>
<td>20.8</td>
<td>16.9</td>
<td>14.0</td>
<td>11.7</td>
<td>9.9</td>
<td>8.5</td>
</tr>
<tr>
<td>14</td>
<td>14 feet/4.3M</td>
<td>86</td>
<td>24.7</td>
<td>19.7</td>
<td>16.0</td>
<td>13.2</td>
<td>11.1</td>
<td>9.4</td>
<td>8.0</td>
</tr>
<tr>
<td>15</td>
<td>15 feet/4.6M</td>
<td>92</td>
<td>23.5</td>
<td>18.8</td>
<td>15.2</td>
<td>12.6</td>
<td>10.5</td>
<td>8.9</td>
<td>7.6</td>
</tr>
<tr>
<td>16</td>
<td>16 feet/4.9M</td>
<td>97</td>
<td>22.6</td>
<td>18.0</td>
<td>14.6</td>
<td>12.0</td>
<td>10.1</td>
<td>8.5</td>
<td>7.2</td>
</tr>
<tr>
<td>17</td>
<td>17 feet/5.2M</td>
<td>103</td>
<td>21.4</td>
<td>17.0</td>
<td>13.8</td>
<td>11.3</td>
<td>9.4</td>
<td>8.0</td>
<td>6.8</td>
</tr>
<tr>
<td>18</td>
<td>18 feet/5.5M</td>
<td>86</td>
<td>20.3</td>
<td>16.1</td>
<td>13.0</td>
<td>10.7</td>
<td>8.9</td>
<td>7.5</td>
<td>6.3</td>
</tr>
<tr>
<td>19</td>
<td>19 feet/5.8M</td>
<td>92</td>
<td>19.2</td>
<td>15.2</td>
<td>12.2</td>
<td>10.0</td>
<td>8.3</td>
<td>7.0</td>
<td>5.9</td>
</tr>
<tr>
<td>20</td>
<td>20 feet/6.1M</td>
<td>97</td>
<td>18.0</td>
<td>14.2</td>
<td>11.4</td>
<td>9.3</td>
<td>7.7</td>
<td>6.4</td>
<td>5.4</td>
</tr>
<tr>
<td>21</td>
<td>21 feet/6.4M</td>
<td>103</td>
<td>16.8</td>
<td>13.2</td>
<td>10.6</td>
<td>8.6</td>
<td>7.1</td>
<td>5.9</td>
<td>5.0</td>
</tr>
</tbody>
</table>

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.