Decorative Lamp Post

Tapered Octagon Pole
- Tapered, octagon composite pole shaft
- Direct Embedded and Anchor Base models
- XTREME® elastomeric urethane base cover

Ordering Information

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<th>D</th>
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**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
- 22 22 feet/6.7M
- 23 23 feet/7.0M
- 24 24 feet/7.3M
- 25 25 feet/7.6M
- 26 26 feet/7.9M
- 27 27 feet/8.3M
- 28 28 feet/8.5M

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

Tenons include a cast decorative ring at the top of the pole.

**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.
**Direct Embedded - DE**

** Shafts Length ** | ** Embedded Depth **
--- | ---
6 to 13 feet | 3ft/0.91M
14 to 24 feet | 4ft/1.2M
25 to 30 feet | 5ft/1.5M

* Embedded depths may vary per local codes, site soil conditions, drainage and very high wind conditions.

**Specifications**

**POLE SHAFT**
The CO50 pole shaft shall be octagon tapered, smooth with a .18"/4.6mm per foot taper. The hand hole shall be 2.5'/76mm 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 butt end of the embedded-type post shall be octagon 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 shaft 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.

**Direct Embedded Installation**
Direct embedded poles shall have two 2.5 inch (64mm) diameter holes at 180° for conduit entrance 24 inches (610mm) below finished grade. Embedded depths may vary per local codes, site soil conditions, drainage and very high wind conditions.

**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 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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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.

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**Anchor Base Installation - AB**

**Shaft Length** | **A** | **B** | **Anchor Bolts**
--- | --- | --- | ---
6' to 21' (1.8M to 6.4M) & 9' to 11” (229mm-279mm) & 10’ (254mm) & 3/8” x 10”
22’ to 28’ (6.7M to 8.5M) & 12” (305mm) | 11.5” (292mm) & 1” x 36”

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**Contact Information**

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