



TheLightingTradition

## BASE AND ALUMINUM SHAFT SPECIFICATIONS

See individual catalog page for specifics and dimensions

### Base

One piece corrosion resistant durable cast aluminum --- A356 aluminum alloy. Base is supplied with flush hand hole cover conforming to base design. An anchor ring (3/4" - 1" wall thickness) is welded inside base allowing 1" clearance above grade to conceal anchor bolt hardware and allow base to set flush with grade.

### SHAFT

#### Cast Aluminum

One piece round, tapered, fluted. Cast from durable corrosion resistant A356 aluminum alloy. Shaft is circumferentially welded to base.

#### Extruded Aluminum

Extruded from 6063 alloy, heat treated to produce a T6 temper. Shafts are furnished either smooth or fluted as indicated on individual catalog page. Shaft is circumferentially welded to base.

#### Round Tapered Spun Aluminum

Spun from 6063 alloy, heat treated to produce a T6 temper. Shaft is circumferentially welded to base.

### Anchorage

Four (4) fully galvanized anchor bolts with two (2) nuts and washers per bolt---bolt diameter and length to be determined by product supplied and project conditions.



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## SPLIT BASE AND STEEL POLE SPECIFICATIONS

See individual catalog page for specifics and dimensions

### Base

Two (2) piece durable corrosion resistant cast aluminum. A356 aluminum alloy.

### STEEL POLES

#### Base Plate

Fabricated from structural quality hot rolled steel. Meets or exceeds minimum yield strength of 36,000 p.s.i. Base telescopes and is circumferentially welded to pole shaft. Bolt holes slotted to provide 1" inch flexibility on either side of bolt circle centerline.

#### Anchorage

Four (4) anchor bolts fabricated from hot rolled steel bar, minimum yield strength of 50,000 p.s.i. Bolts have "L" bend on one end and are threaded on the other end. Bolts are fully galvanized and are furnished with two nuts and two washers.

#### Round Tapered Steel Pole

One piece construction fabricated from coil stock, weldable grade, hot rolled commercial quality carbon steel, guaranteed minimum yield strength 55,000 p.s.i.. Shaft has uniform taper of approximately .14" per foot. Wall thickness 11 ga. (.120 wall) or 7 ga. (.180 wall) as specified. Reinforced hand hole is furnished with cover. Shaft is furnished with ground lug located inside pole on wall opposite hand hole. Maximum shaft length – 30 feet.

#### Round Straight Steel Pole

Maximum 6-5/8 inch diameter, fabricated from high grade structural steel tube. Shaft conforms to ASTM-A-501-68 specifications. Meets or exceeds minimum yield strength of 46,000 p.s.i. wall thickness, 11 ga. (.120 wall) 7 ga. (.188 wall) or 3 ga. (.234 wall) as specified. Reinforced hand hole is furnished with cover. Shaft is furnished with ground lug located inside pole on wall opposite hand hole. Maximum shaft length – 30 feet.

#### Octaflute Steel Pole

One piece construction fabricated from coil stock, weldable grade, hot rolled commercial quality carbon steel, guaranteed minimum yield strength 55,000 p.s.i.. Shaft has uniform taper of approximately .14" per foot. Shaft has eight (8) vertical flutes beginning 20 inches above bottom of shaft and running entire length of shaft. Wall thickness 11 ga. (.120 wall). Reinforced hand hole is furnished with cover. Shaft is furnished with ground lug located inside pole on wall opposite hand hole. Maximum shaft length – 30 feet.

**Split bases can be installed around pole on existing installations. Bases are available to accommodate shaft diameters from 4 inches through 12 inches. See individual catalog page for specifics.**

**sun valley**  
LIGHTING

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## SHAFT SPECIFICATIONS

See individual catalog page for specifics and dimensions

### Extruded Aluminum

Extruded from 6063 alloy, heat treated to produce a T6 temper. Shafts are furnished either smooth or fluted as indicated on individual catalog page. Shaft is circumferentially welded to base.

### Round Tapered Spun Aluminum

Spun from 6063 alloy, heat treated to produce a T6 temper. Shaft is circumferentially welded to base.

### Cast Aluminum

One piece round, tapered, fluted. Cast from durable corrosion resistant A356 aluminum alloy. Shaft is circumferentially welded to base.

SHAFTS