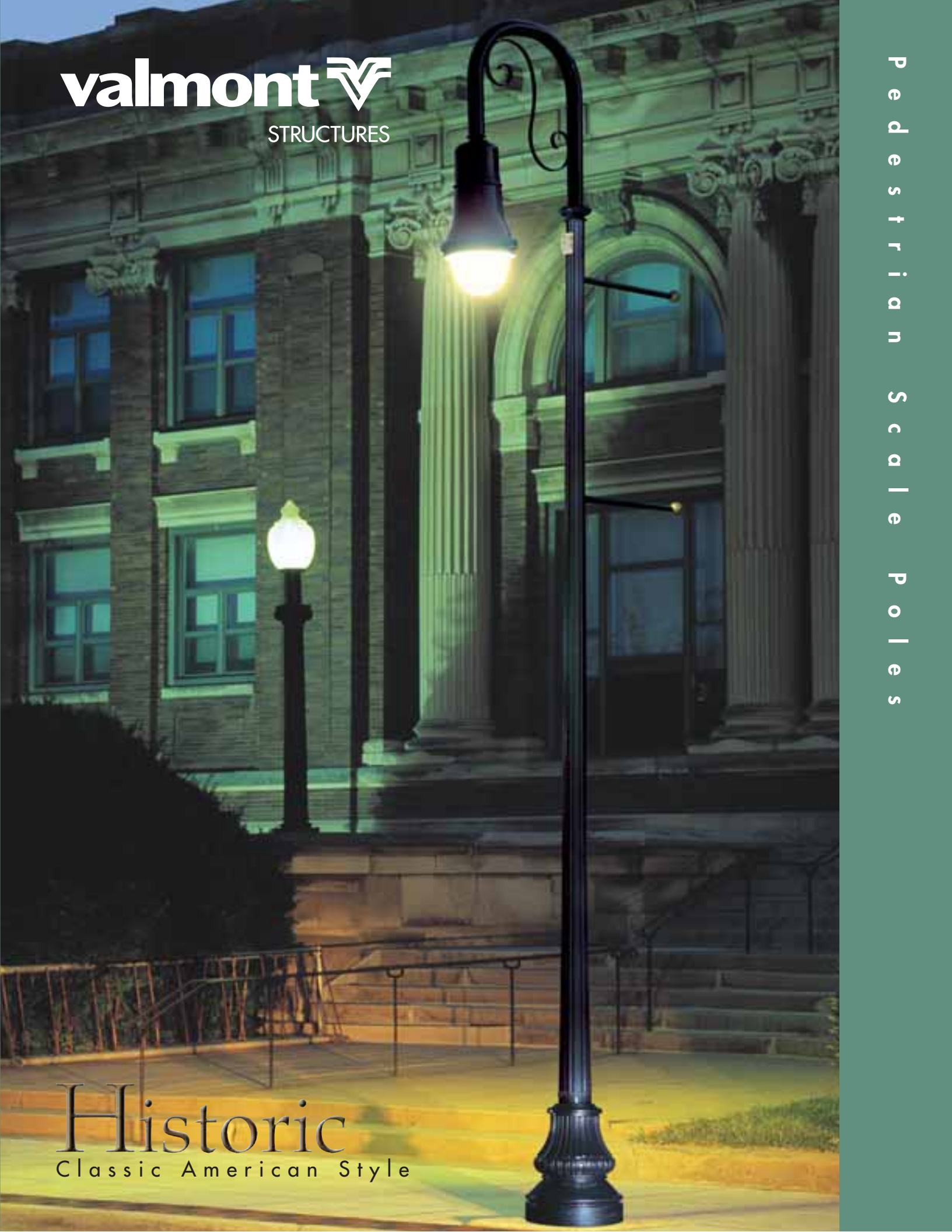


valmont 
STRUCTURES

P e d e s t r i a n S c a l e P o l e s

Historic
Classic American Style



Historic

Cast Aluminum Base Poles for Lighting Applications



- Double welded base construction provides maximum pole strength.
- Concealed welding creates aesthetic appeal.
- Spun tapered cold formed fluted shafts provide the appearance of cast poles with the strength of spun poles.
- After fabrication all assemblies are heat treated to a T-6 condition for maximum strength and durability.
- Poles are chromate process pre-treated prior to powder coating for a high finish quality.

Available Shafts

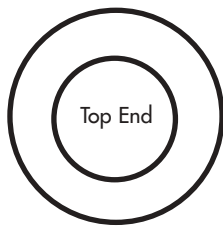
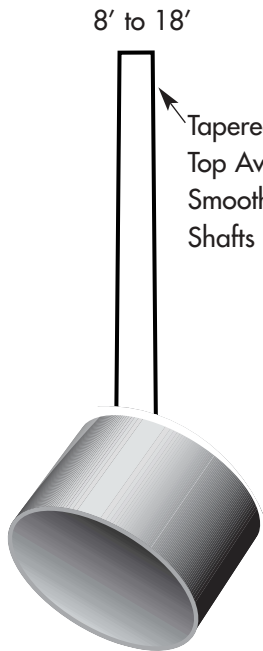
Straight Round = 4", 5" & 6"

Fluted Straight Round 16-Flat = 4", 5" & 6"

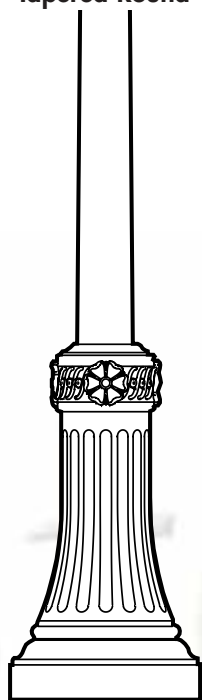
Tapered Round = 4", 5" & 6" Base O.D.

Fluted Tapered Round 16-Flat = 5" & 6" Base O.D.
.14"/ft. taper





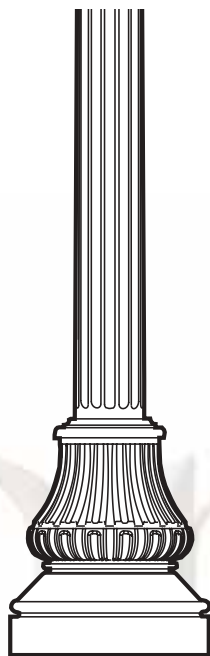
Base End
Tapered Round



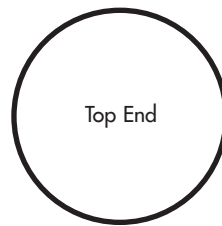
Huntington
HN17-AS Series



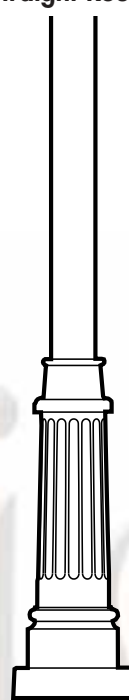
Base End
Fluted Tapered Round 16-Flat



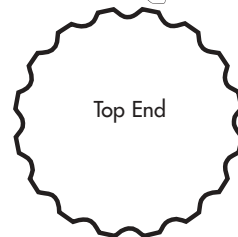
Washington
WA17-AS Series



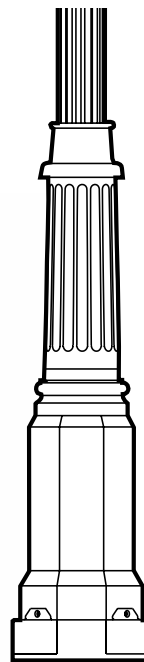
Base End
Straight Round



Sacramento
SC12-AS Series



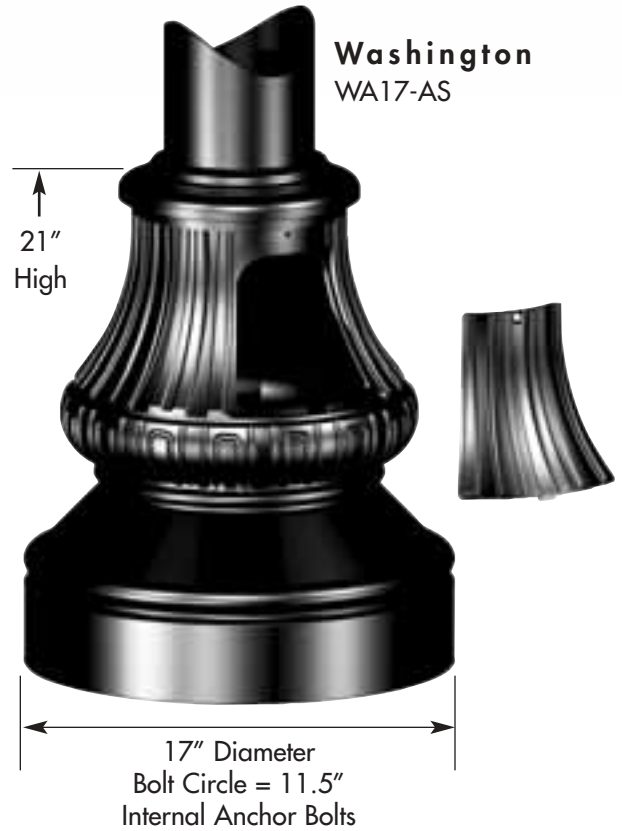
Base End
Fluted Straight Round 16-Flat



Williamsburg
WL12-AS Series

Huntington & Washington Series

- Huntington and Washington accommodates 4", 5" and 6" shafts for pole heights of 8' to 18'. Heights vary slightly with different collars.
- The bolt circle has a range of $\pm 1.50"$.



Series	Base Diameter	Material/Style	Length	Top Diameter	Shaft Base Diameter	Wall Thickness	Shape of Shaft	Fixture Mounting	Standard Finishes	Options
	17	AS						P		
Series HN = Huntington WA = Washington	Base Diameter 17 = 17"	Material/Style AS = Aluminum Structural Base	Length 080 = 8' 100 = 10' 120 = 12' 140 = 14' 160 = 16' 180 = 18'	Top Diameter 40 = 4" 50 = 5" 60 = 6"	Shaft Base Diameter ① 40 = 4" 50 = 5" 60 = 6"	Wall Thickness 4 = 4/32" or 0.125" 6 = 6/32" or 0.188"	Shape of Shaft S = Straight Round M = Fluted Straight Round 16 Flat T = Tapered Round E = Fluted Tapered Round 16 Flat	Fixture Mounting P2 = 2 3/8" x 4" Tenon PD = 3" x 3" Tenon P9 = Special Tenon (Specify)	Standard Finishes WT = White BK = Black MB = Medium Bronze DB = Dark Bronze HG = Hunter Green BR = Burgundy SC = Special Color (Specify)	Options FS = Festoon Outlet (Indicate Location) SP = Special Attachments (Specify)

① Shaft base diameter is at the top of the decorative base casting.

Note: Refer to specification pages or contact Valmont for additional pole shaft type, size and height combinations.

Sacramento & Williamsburg Series

- Williamsburg and Sacramento accommodates 4" and 5" shafts for pole heights of 8' to 14'.
- The bolt circle has a range of $\pm 0.50"$.



Series	Base Diameter	Material/Style	Length	Top Diameter	Shaft Base Diameter	Wall Thickness	Shape of Shaft	Fixture Mounting	Standard Finishes	Options
	17	AS				4		P		
Series SC = Sacramento WL = Williamsburg	Base Diameter 12 = 12" Square	Material/Style AS = Aluminum Structural Base	Length 080 = 8' 100 = 10' 120 = 12' 140 = 14'	Top Diameter 40 = 4" 50 = 5"	Shaft Base Diameter ① 40 = 4" 50 = 5"	Wall Thickness 4 = 4/32" or 0.125"	Shape of Shaft S = Straight Round M = Fluted Straight Round 16 Flat T = Tapered Round E = Fluted Tapered Round 16 Flat	Fixture Mounting P2 = 2 3/8" x 4" Tenon PD = 3" x 3" Tenon P9 = Special Tenon (Specify)	Standard Finishes WT = White BK = Black MB = Medium Bronze DB = Dark Bronze HG = Hunter Green BR = Burgundy SC = Special Color (Specify)	Options FS = Festoon Outlet (Indicate Location) SP = Special Attachments (Specify)

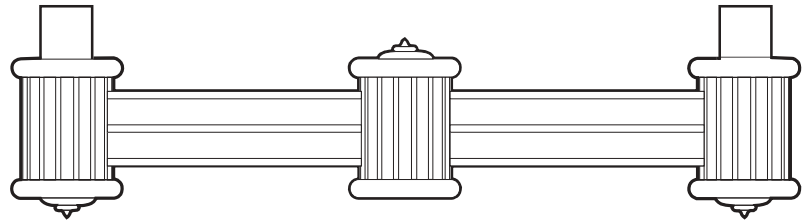
① Shaft base diameter is at the top of the decorative base casting.

Note: Refer to specification pages or contact Valmont for additional pole shaft type, size and height combinations.

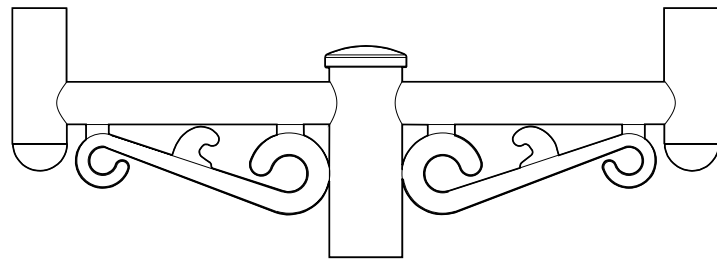
Historic

Aluminum Twin Arm Assemblies

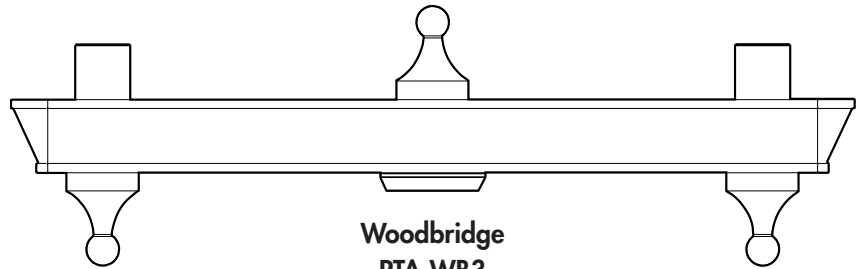
- 3 modular designs.
- Fits to 3" x 3" pole top tenon.
- Can be used with aluminum or steel poles.
- 3" x 3" fixture tenons standard.
- Custom tenons and arm spans are available.



Lancaster
PTA-LC3

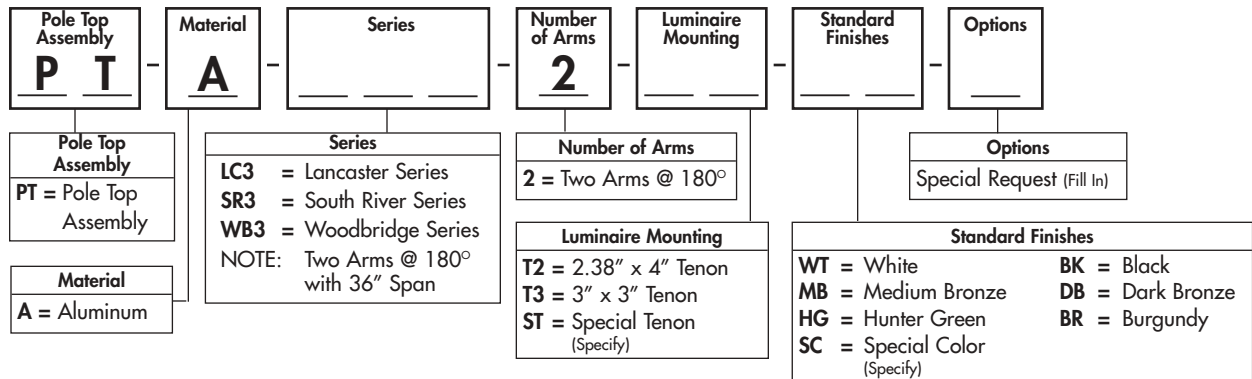


South River
PTA-SR3



Woodbridge
PTA-WB3

Catalog Logic



Note: Refer to specification pages or contact Valmont for additional pole shaft type, size and height combinations.

Pole Specifications

The structural base series poles are fabricated using cast aluminum structural base and round aluminum shaft in a variety of cross-sectional shapes.

The shaft is formed from extruded seamless 6063-alloy aluminum for straight smooth or straight fluted shafts. Tapered smooth and tapered fluted shafts are spun tapered. The shaft is inserted and welded into the decorative structural base casting.

The structural base is cast from A356 alloy aluminum. A continuous circumferential weld at the top and inside of the base joins the structural base casting and shaft. The completed assembly is heat-treated to T6 temper after all structural welding is completed. An access door is provided in the base and fitted with stainless steel hardware.

Fluted poles are cold rolled over a precision hardened steel mandrel to form the fluted shape indicated. The flutes are formed with rollers in full contact with the material from the top of the crest, through the valley of the flute, to the top of the next crest.

Base plates are fabricated of hot rolled carbon steel plate conforming to ASTM A36. Pole top tenons are fabricated from structural quality hot rolled carbon steel with yield strength of 30,000 psi.

Aluminum Arm Specifications

Arms are fabricated from extruded seamless 6063 Alloy aluminum sections and cast A356 alloy

aluminum components. All components are welded together and then heat-treated to a T6 condition. Arms are designed to fit over a 3' x 3" pole top tenon. Arms are fixed to the pole with stainless steel set screws. 3" x 3" tenon for luminaire mounting are standard with other sizes available on special order. A removable center cap is provided for ease of wire installation.

Component Specifications

Anchor Bolts

ASTM F1554 Grade 55 anchor bolts (4) are provided standard. Anchor bolts and hardware are hot dip galvanized conforming to the ASTM A153. Each anchor bolt is supplied with two heavy-duty hex nuts and two flat washers, sized to match anchor bolts.

Electrical Ground Connector

A nut holder is provided in the base and accessible from the access door. It includes a tapped 3/8"-16 bolt.

Finish Specifications

The finish for aluminum poles, aluminum clamshell bases and aluminum arms is TGIC polyester powder coating applied over chromate pre-treatment in accordance with Valmont Industries F264 Specification.

The finish for steel poles is TGIC polyester powder applied coating in accordance with Valmont Industries' F264 Specifications and Valmont Industries' F283 Specifications when applied over galvanization.

Standard Finishes

WH = White

BK = Black

MB = Medium
Bronze

DB = Dark
Bronze

HG = Hunter
Green

BR = Burgundy





Valley, Nebraska, USA
Farmington, Minnesota, USA
Salem, Oregon, USA
Charmeil, France
Rive-De-Gier, France
Berrechid, Morocco

Commerce City, Colorado, USA
Elkhart, Indiana, USA
Shelbyville, Delaware, USA
Siedlce, Poland
Maarheeze, the Netherlands
Chesterfield-Derbyshire, UK

Brenham, Texas, USA
Plymouth, Indiana, USA
St. Julie, Quebec, Canada
Gelsenkirchen, Germany
Shanghai, China

valmont 
STRUCTURES

Conserving Resources. Improving Life.

Valmont Industries, Inc.
7002 N. 288th Street, P.O. Box 358
Valley, Nebraska 68064 USA
402.359.2201~ 800.825.6668
www.valmont.com