

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____

SPECIFICATIONS

Pole - The pole shaft is either spun or extruded from 6063 alloy aluminum.

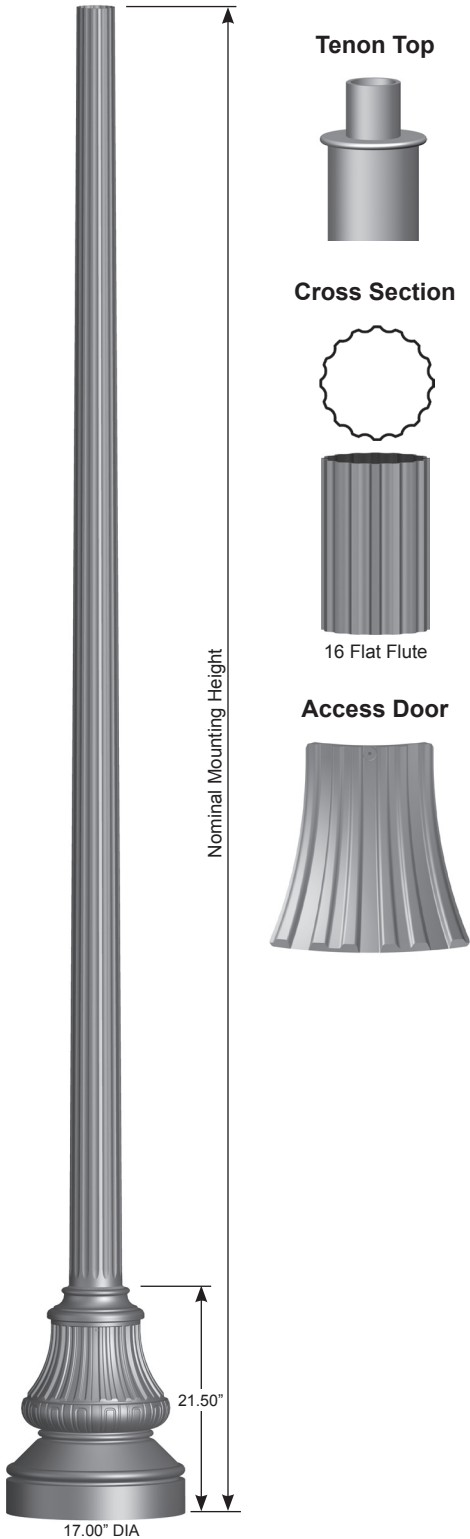
Pole Top - A pole top plate and tenon are provided for top mount luminaire and/or bracket. A removable finial is available for poles receiving drilling patterns for side-mount luminaire arm assemblies.

Structural Base - The structural base is cast from 356 alloy aluminum and provided with a 4.00" wide X 5.63" tall access door. A grounding provision with hardware is provided. The pole is inserted and welded into the structural base casting. The completed assembly is heat-treated to a T6 temper after the structural welding is completed.

Anchor Bolts - Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end.

Finish - The standard finish for the pole assembly and components is polyester powder applied coating in accordance with Valmont's Specifications. Additional finish options available upon request.

Design Criteria - Please reference Design Criteria Specification for appropriate design conditions.



Tenon Top

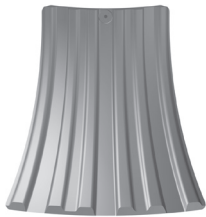


Cross Section



16 Flat Flute

Access Door



WASHINGTON Fluted Tapered/Non-Tapered Aluminum

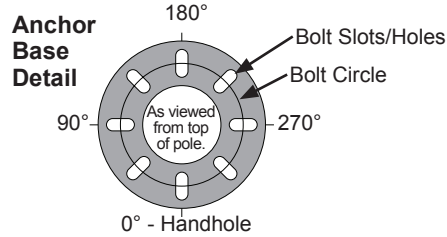


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____

ANCHORAGE DATA

STRUCTURAL BASE				ANCHOR BOLTS*		
BOLT CIRCLE		DIAMETER (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
DIA (IN)	± (IN)					
11.50	1.50	17.00	0.750	0.75 x 17.00 x 3.00	3.50	0.25

* Provided with four anchor bolts. Base has eight slots for additional orientation.



LOAD AND DIMENSIONAL DATA

NOMINAL MOUNTING HEIGHT	DESIGN INFORMATION						POLE DIMENSIONS				MODEL NUMBER
	80 MPH w/1.3 GUST		90 MPH w/1.3 GUST		100 MPH w/1.3 GUST		BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT ² (LBS)	
	MAX LUMINAIRE EPA ¹ (SQFT)	MAX LUMINAIRE WEIGHT ¹ (LBS)	MAX LUMINAIRE EPA ¹ (SQFT)	MAX LUMINAIRE WEIGHT ¹ (LBS)	MAX LUMINAIRE EPA ¹ (SQFT)	MAX LUMINAIRE WEIGHT ¹ (LBS)					
Round Non-Tapered 16 Flat											
8'-0"	13.3	300	10.2	300	8.0	300	4.00	4.00	0.125	67	080040404UW
	21.9	300	17.0	300	13.4	300	5.00	5.00	0.125	69	080050504UW
10'-0"	9.1	300	6.8	300	5.2	300	4.00	4.00	0.125	70	100040404UW
	15.5	300	11.8	300	9.1	300	5.00	5.00	0.125	73	100050504UW
12'-0"	6.3	300	4.5	300	3.2	300	4.00	4.00	0.125	74	120040404UW
	11.2	300	8.3	300	6.2	300	5.00	5.00	0.125	78	120050504UW
	17.4	300	13.1	300	10.0	300	6.00	6.00	0.125	82	120060604UW
14'-0"	8.1	300	5.7	300	4.0	300	5.00	5.00	0.125	82	140050504UW
	13.1	300	9.5	300	6.9	300	6.00	6.00	0.125	87	140060604UW
16'-0"	5.7	300	3.7	300	2.2	300	5.00	5.00	0.125	87	160050504UW
	9.7	300	6.7	300	4.5	300	6.00	6.00	0.125	93	160060604UW
	10.3	300	7.3	300	5.2	300	5.00	5.00	0.188	103	160050506UW
18'-0"	3.7	300	1.9	300	N/A	300	5.00	5.00	0.125	91	180050504UW
	7.0	300	4.4	300	2.5	300	6.00	6.00	0.125	98	180060604UW
	12.9	300	9.1	300	6.3	300	6.00	6.00	0.188	120	180060606UW
Round Tapered 16 Flat											
8'-0"	21.9	300	17.0	300	13.4	300	5.00	4.10	0.125	67	080041504VW
10'-0"	15.5	300	11.8	300	9.1	300	5.00	3.80	0.125	71	100038504VW
12'-0"	17.4	300	13.1	300	10.0	300	6.00	4.50	0.125	78	120045604VW
14'-0"	13.1	300	9.5	300	6.9	300	6.00	4.20	0.125	82	140042604VW
16'-0"	9.7	300	6.7	300	4.5	300	6.00	3.90	0.125	86	160039604VW
18'-0"	7.0	300	4.4	300	2.5	300	6.00	3.70	0.125	89	180037604VW

- Maximum EPA (Effective Projected Area) and weight values are based on top mounted luminaires and/or brackets having a centroid 2'-6" above and 1'-6" eccentric to the pole top at Nominal Mounting Height. Variations from sizes above are available upon inquiry at the factory. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.
- Structure Weight is a nominal value which includes the pole shaft and structural base.

PRODUCT ORDERING CODES

DESIGN SERIES	CROSS SECTION	MODEL NUMBER	FIXTURE MOUNTING	COLOR	OPTIONS																															
WA17AS	E																																			
	E=16 Flat																																			
	<table border="1"> <tr> <th>Round Non-Tapered</th> <th>Round Tapered</th> </tr> <tr> <td>080040404UW</td> <td>080041504VW</td> </tr> <tr> <td>080050504UW</td> <td>100038504VW</td> </tr> <tr> <td>100040404UW</td> <td>120045604VW</td> </tr> <tr> <td>100050504UW</td> <td>140042604VW</td> </tr> <tr> <td>120040404UW</td> <td>160039604VW</td> </tr> <tr> <td>120050504UW</td> <td>180037604VW</td> </tr> <tr> <td>120060604UW</td> <td></td> </tr> <tr> <td>140050504UW</td> <td></td> </tr> <tr> <td>140060604UW</td> <td></td> </tr> <tr> <td>160050504UW</td> <td></td> </tr> <tr> <td>160060604UW</td> <td></td> </tr> <tr> <td>160050506UW</td> <td></td> </tr> <tr> <td>180050504UW</td> <td></td> </tr> <tr> <td>180060604UW</td> <td></td> </tr> <tr> <td>180060606UW</td> <td></td> </tr> </table>	Round Non-Tapered	Round Tapered	080040404UW	080041504VW	080050504UW	100038504VW	100040404UW	120045604VW	100050504UW	140042604VW	120040404UW	160039604VW	120050504UW	180037604VW	120060604UW		140050504UW		140060604UW		160050504UW		160060604UW		160050506UW		180050504UW		180060604UW		180060606UW		Drill Mounting D1 = 1 Luminaire D2 = 2 @ 180° D3 = 3 @ 120° D4 = 4 @ 90° D5 = 2 @ 90° D6 = 3 @ 90° Tenon Mounting P2 = 2.38" OD x 4.00" PD = 3.00" OD x 3.00" -- = Plain Top P9 = Other Tenon (Contact Factory)	DWH = White DSS = Sandstone BR = Burgundy HG = Hunter Green DNA = Natural Aluminum DCG = Charcoal Gray DMB = Medium Bronze SBN = Sanded Bronze DNB = New Dark Bronze DDB = Dark Bronze SBK = Sanded Black DBL = Black DSB = Steel Blue DTG = Dark Green DBR = Red SC = Special Color (Contact Factory)	See Accessories at valmontstructures.com (Please Specify)
Round Non-Tapered	Round Tapered																																			
080040404UW	080041504VW																																			
080050504UW	100038504VW																																			
100040404UW	120045604VW																																			
100050504UW	140042604VW																																			
120040404UW	160039604VW																																			
120050504UW	180037604VW																																			
120060604UW																																				
140050504UW																																				
140060604UW																																				
160050504UW																																				
160060604UW																																				
160050506UW																																				
180050504UW																																				
180060604UW																																				
180060606UW																																				