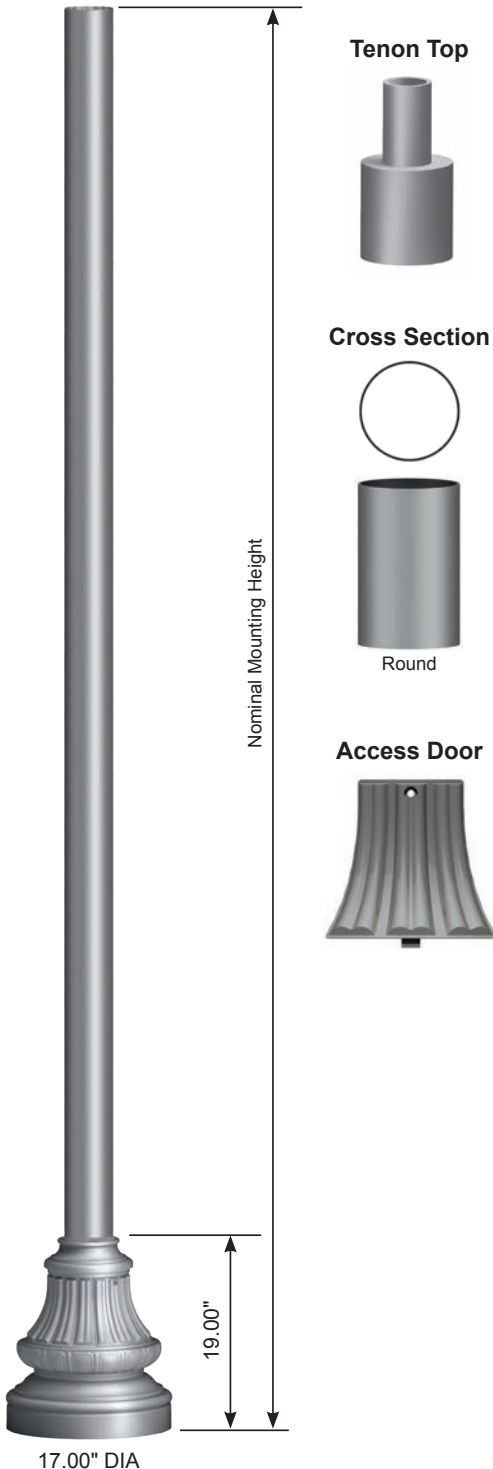


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: 5D01AS -- Quote: _____	Customer Approval: _____ Date: _____

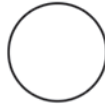
SPECIFICATIONS



Tenon Top

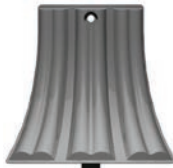


Cross Section



Round

Access Door



Post - The post shaft is either spun or extruded from 6000 series alloy aluminum.

Post Top - A post top plate and tenon can be provided for top mount luminaire and/or bracket. A removable finial is available for posts receiving drilling patterns for side-mount luminaire arm assemblies.

Structural Base - The structural base is cast from 356 alloy aluminum and provided with a 4.25" wide X 6.50" tall access door. A grounding provision is provided. The post shaft 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 post assembly and components is polyester powder applied coating in accordance with Valmont's Specifications. Additional finish options available upon request.

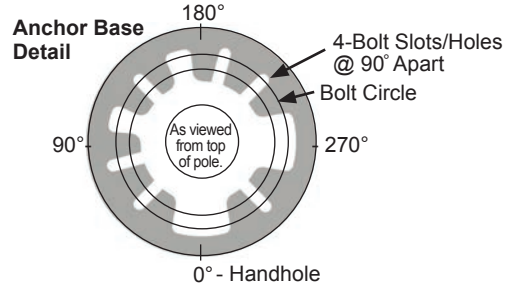
WASHINGTON Round Tapered/Non-Tapered Aluminum Post

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: 5D01AS -- 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)						
12.00	1.00	17.00	0.75	0.75 x 17.00 x 3.00	3.39	0.25	

* Four anchor bolts are required at 90° apart.



LOAD AND DIMENSIONAL DATA

NOMINAL MOUNTING HEIGHT	DESIGN INFORMATION						POST DIMENSIONS					MODEL NUMBER
	80 MPH w/1.3 GUST ¹		90 MPH w/1.3 GUST ¹		100 MPH w/1.3 GUST ¹		BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT ³ (LBS)		
	MAX LUMINAIRE EPA ² (SQFT)	MAX LUMINAIRE WEIGHT ² (LBS)	MAX LUMINAIRE EPA ² (SQFT)	MAX LUMINAIRE WEIGHT ² (LBS)	MAX LUMINAIRE EPA ² (SQFT)	MAX LUMINAIRE WEIGHT ² (LBS)						
Round Non-Tapered												
8'-0"	10.9	300	8.4	300	6.7	300	4.00	4.00	0.125	55	080040404SW	
	18.1	300	14.2	300	11.5	300	5.00	5.00	0.125	66	080050504SW	
10'-0"	8.3	300	6.3	300	4.9	300	4.00	4.00	0.125	58	100040404SW	
	14.2	300	11.1	300	8.9	300	5.00	5.00	0.125	63	100050504SW	
12'-0"	6.3	300	4.6	300	3.5	300	4.00	4.00	0.125	63	120040404SW	
	11.3	300	8.8	300	7.0	300	5.00	5.00	0.125	66	120050504SW	
14'-0"	8.7	300	6.8	300	5.3	300	5.00	5.00	0.125	72	140050504SW	
	6.7	300	5.1	300	4.0	300	5.00	5.00	0.125	75	160050504SW	
16'-0"	18.2	300	14.2	300	11.4	300	6.00	6.00	0.188	102	160060606SW	
	4.9	300	3.7	300	2.8	300	5.00	5.00	0.125	79	180050504SW	
18'-0"	15.1	300	11.7	300	9.3	300	6.00	6.00	0.188	110	180060606SW	
	Round Tapered											
8'-0"	18.1	300	14.2	300	11.4	300	5.00	4.00	0.125	55	080040504TW	
	14.3	300	11.1	300	8.8	300	5.00	4.00	0.125	59	100040504TW	
12'-0"	11.4	300	8.7	300	6.9	300	5.00	4.00	0.125	63	120040504TW	
	17.6	300	13.7	300	10.9	300	6.00	4.00	0.125	66	120040604TW	
14'-0"	8.8	300	6.6	300	5.2	300	5.00	4.00	0.125	67	140040504TW	
	14.1	300	10.8	300	8.6	300	6.00	4.00	0.125	70	140040604TW	
16'-0"	6.7	300	4.9	300	3.8	300	5.00	4.00	0.125	71	160040504TW	
	11.3	300	8.5	300	6.7	300	5.00	4.00	0.188	85	160040506TW	
18'-0"	11.2	300	8.6	300	6.8	300	6.00	4.00	0.125	75	160040604TW	
	5.0	300	3.5	300	2.7	300	5.00	4.00	0.125	75	180040504TW	
18'-0"	9.0	300	6.6	300	5.1	300	6.00	4.00	0.125	80	180040604TW	
	14.9	300	11.4	300	9.0	300	6.00	4.00	0.188	98	180040606TW	

- EPA values are calculated using fastest mile winds.
- 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 post top at Nominal Mounting Height. Variations from sizes above are available upon inquiry at the factory. Satisfactory performance of posts is dependent upon the post being properly attached to a supporting foundation of adequate design.
- Structure Weight is a nominal value which includes the post shaft and structural base.

PRODUCT ORDERING CODES

DESIGN SERIES	CROSS SECTION	MODEL NUMBER	FIXTURE MOUNTING	COLOR	OPTIONS																									
5D01AS	R																													
	Round	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Round Non-Tapered</th> <th>Round Tapered</th> </tr> <tr> <td>080040404SW</td> <td>080040504TW</td> </tr> <tr> <td>080050504SW</td> <td>100040504TW</td> </tr> <tr> <td>100040404SW</td> <td>120040504TW</td> </tr> <tr> <td>100050504SW</td> <td>120040604TW</td> </tr> <tr> <td>120040404SW</td> <td>140040504TW</td> </tr> <tr> <td>120050504SW</td> <td>140040604TW</td> </tr> <tr> <td>140050504SW</td> <td>160040504TW</td> </tr> <tr> <td>160050504SW</td> <td>160040506TW</td> </tr> <tr> <td>160060606SW</td> <td>160040604TW</td> </tr> <tr> <td>180050504SW</td> <td>180040504TW</td> </tr> <tr> <td>180060606SW</td> <td>180040604TW</td> </tr> <tr> <td></td> <td>180040606TW</td> </tr> </table>	Round Non-Tapered	Round Tapered	080040404SW	080040504TW	080050504SW	100040504TW	100040404SW	120040504TW	100050504SW	120040604TW	120040404SW	140040504TW	120050504SW	140040604TW	140050504SW	160040504TW	160050504SW	160040506TW	160060606SW	160040604TW	180050504SW	180040504TW	180060606SW	180040604TW		180040606TW	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 HTG = Hunter Green DNA = Natural Aluminum DCG = Charcoal Gray DMB = Medium Bronze DNB = New Dark Bronze DDB = Dark Bronze DBL = Black DSB = Steel Blue DTG = Dark Green DBR = Red SC = Special Color (Contact Factory)
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