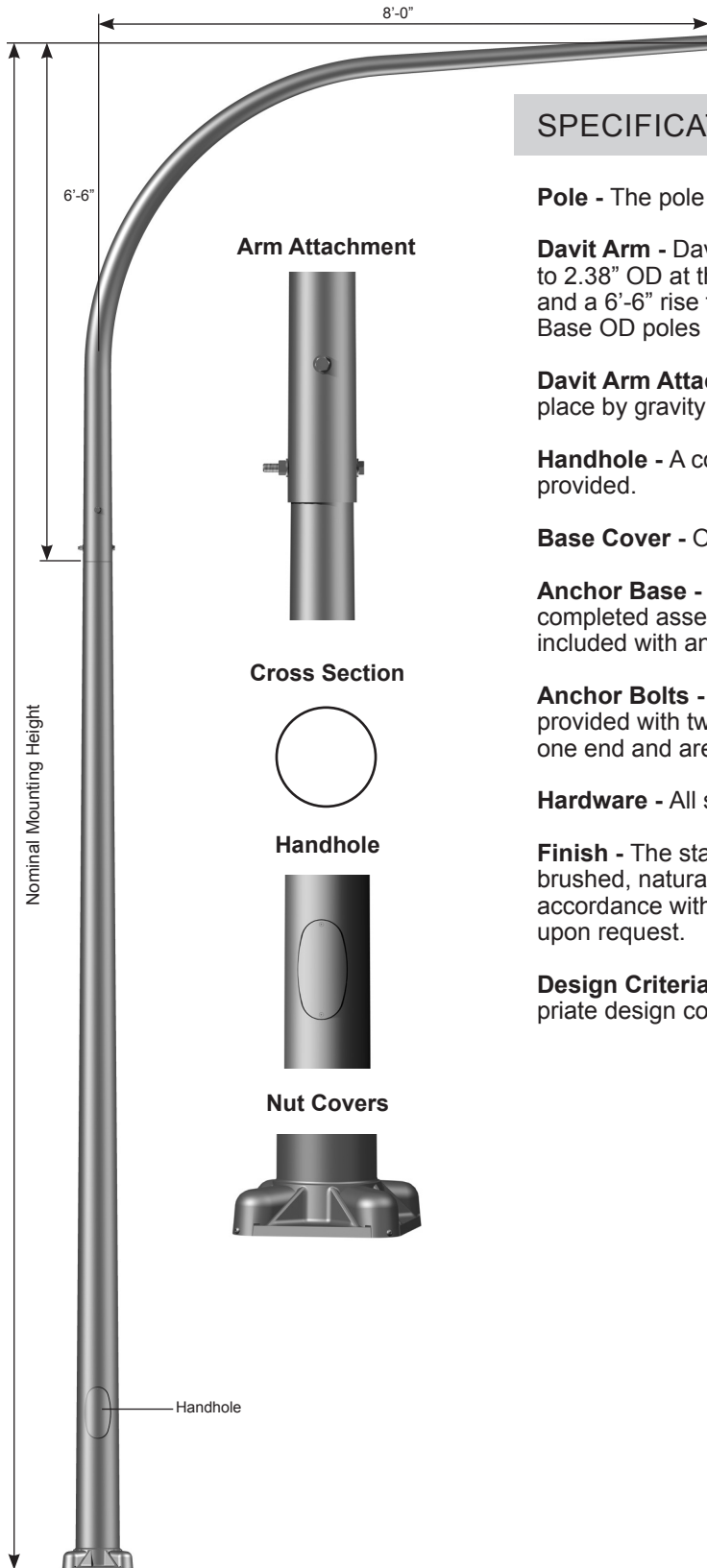


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____



SPECIFICATIONS

Pole - The pole shaft is extruded from seamless alloy aluminum.

Davit Arm - Davit arms are conically tapered from seamless alloy aluminum to 2.38" OD at the luminaire end. Davit arm members have a 3' bend radius and a 6'-6" rise for 6" through 9" Base OD poles. Davit arm members for 10" Base OD poles have a 5' bend radius and a 6'-6" rise.

Davit Arm Attachment - Connection allows arm to be erected and held in place by gravity and secured by two stainless steel through bolts.

Handhole - A covered handhole with hardware and grounding provision are provided.

Base Cover - Optional decorative base covers available as special order.

Anchor Base - The anchor base is cast from 356 alloy aluminum. The completed assembly is heat-treated to a T6 temper. Aluminum nut covers are included with anchor base unless otherwise specified.

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.

Hardware - All structural and non-structural fasteners are stainless steel.

Finish - The standard finish for the pole assembly and components is satin brushed, natural anodize, duranodic or 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.

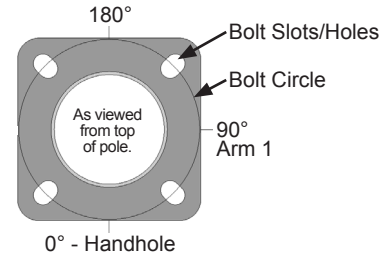
ROUND TAPERED ALUMINUM Davit Arm 8' Single

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

ANCHORAGE DATA

POLE		BASE PLATE				ANCHOR BOLTS		
BASE OD (IN)	WALL THK (IN)	BOLT CIRCLE		SQUARE (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
		DIA (IN)	± (IN)					
6.00	0.156	9.50	0.75	10.32	0.630	0.75 x 17.00 x 3.00	3.50	N/A
6.00	0.188	9.50	0.75	10.32	0.630	0.75 x 17.00 x 3.00	3.50	N/A
7.00	0.156	10.56	0.43	11.26	0.750	1.00 x 36.00 x 4.00	4.13	N/A
8.00	0.156	11.63	0.37	12.05	0.750	1.00 x 36.00 x 4.00	4.13	N/A
8.00	0.188	11.63	0.37	12.05	0.750	1.00 x 36.00 x 4.00	4.13	N/A
8.00	0.250	11.63	0.37	12.05	0.750	1.00 x 36.00 x 4.00	4.13	N/A
9.00	0.156	13.25	0.75	12.48	1.250	1.00 x 36.00 x 4.00	4.13	N/A
9.00	0.188	13.25	0.75	12.48	1.250	1.00 x 36.00 x 4.00	4.13	N/A
10.00	0.188	14.31	0.69	13.19	1.250	1.00 x 36.00 x 4.00	4.75	N/A

Anchor Base Detail



LOAD AND DIMENSIONAL DATA

NOMINAL MOUNTING HEIGHT	QUANTITY OF ARMS	MAX WEIGHT ¹ (LBS)	DESIGN INFORMATION					POLE DIMENSIONS					STRUCTURE WEIGHT ² (LBS)	MODEL NUMBER
			70 MPH w/1.3 GUST	80 MPH w/1.3 GUST	90 MPH w/1.3 GUST	100 MPH w/1.3 GUST	110 MPH w/1.3 GUST	POLE HEIGHT	BASE OD (IN)	TOP OD (IN)	WALL THK (IN)			
			MAX EPA ¹ (SQ FT)	MAX EPA ¹ (SQ FT)	MAX EPA ¹ (SQ FT)	MAX EPA ¹ (SQ FT)	MAX EPA ¹ (SQ FT)							
20'-0"	Single	75	6.0	6.0	5.6	3.9	2.7	13'-6"	6.00	4.00	0.156	73	200065108D4Z	
		75	6.0	6.0	6.0	5.5	4.0	13'-6"	6.00	4.00	0.188	81	200066108D4Z	
25'-0"	Single	75	6.0	4.5	2.6	1.4	N/A	18'-6"	6.00	4.00	0.156	87	250065108D4Z	
		75	6.0	6.0	5.6	3.8	2.5	18'-6"	7.00	4.00	0.156	95	250075108D4Z	
30'-0"	Single	55	3.9	1.6	N/A	N/A	N/A	23'-6"	6.00	4.00	0.156	102	300065108D4Z	
		75	6.0	4.7	2.8	1.4	N/A	23'-6"	7.00	4.00	0.156	113	300075108D4Z	
		75	6.0	6.0	5.5	3.7	2.3	23'-6"	8.00	4.50	0.156	125	300085108D4Z	
		75	6.0	6.0	6.0	5.5	3.8	23'-6"	8.00	4.50	0.188	142	300086108D4Z	
		75	6.0	6.0	6.0	6.0	4.3	23'-6"	9.00	4.50	0.156	137	300095108D4Z	
		75	6.0	6.0	6.0	6.0	6.0	23'-6"	9.00	4.50	0.188	156	300096108D4Z	
35'-0"	Single	60	4.4	1.9	N/A	N/A	N/A	28'-6"	7.00	4.00	0.156	128	350075108D4Z	
		75	6.0	4.8	2.8	1.4	N/A	28'-6"	8.00	4.50	0.156	142	350085108D4Z	
		75	6.0	6.0	4.6	2.9	1.6	28'-6"	8.00	4.50	0.188	163	350086108D4Z	
		75	6.0	6.0	5.4	3.5	2.1	28'-6"	9.00	4.50	0.156	156	350095108D4Z	
		75	6.0	6.0	6.0	5.4	3.7	28'-6"	9.00	4.50	0.188	179	350096108D4Z	
		75	6.0	6.0	6.0	5.7	3.9	28'-6"	8.00	4.50	0.250	203	350088108D4Z	
40'-0"	Single	75	4.5	2.0	N/A	N/A	N/A	33'-6"	8.00	4.50	0.156	162	400085108D4Z	
		75	6.0	4.0	2.1	0.7	N/A	33'-6"	8.00	4.50	0.188	186	400086108D4Z	
		75	6.0	5.0	2.8	1.3	N/A	33'-6"	9.00	4.50	0.156	178	400095108D4Z	
		75	6.0	6.0	4.8	2.9	1.5	33'-6"	9.00	4.50	0.188	205	400096108D4Z	
		75	6.0	6.0	5.1	3.2	1.8	33'-6"	8.00	4.50	0.250	234	400088108D4Z	
75	6.0	6.0	6.0	4.6	2.7	33'-6"	10.00	6.00	0.188	241	400006108D4Z			

1. EPA represents the Effective Projected Area of each luminaire. Designs are limited to one luminaire per arm. 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.
 2. Structure weight is a nominal value which includes the pole shaft, base plate and luminaire arm(s).

PRODUCT ORDERING CODES

CROSS SECTION	MODEL NUMBER	COLOR		OPTIONS
R				
R = Round	200065108D4Z 200066108D4Z 250065108D4Z 250075108D4Z 300065108D4Z 300075108D4Z 300085108D4Z 300086108D4Z 300095108D4Z 300096108D4Z 350075108D4Z 350085108D4Z 350086108D4Z 350095108D4Z 350096108D4Z 350088108D4Z 400085108D4Z 400086108D4Z 400095108D4Z 400096108D4Z 400088108D4Z 400006108D4Z	Polyester Powder DWH = White DSS = Sandstone BR = Burgundy HG = Hunter Green DNA = Natural Aluminum DCG = Charcoal Gray DMB = Medium Bronze SBN = Sanded Brown 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)	Anodized 204 = Clear Natural 311 = Light Bronze* 312 = Medium Bronze* 313 = Dark Bronze* 335 = Black* *Duranodic Anodize Brushed SBF = Satin Brushed	See Accessories at valmontstructures.com (Please Specify with Code)