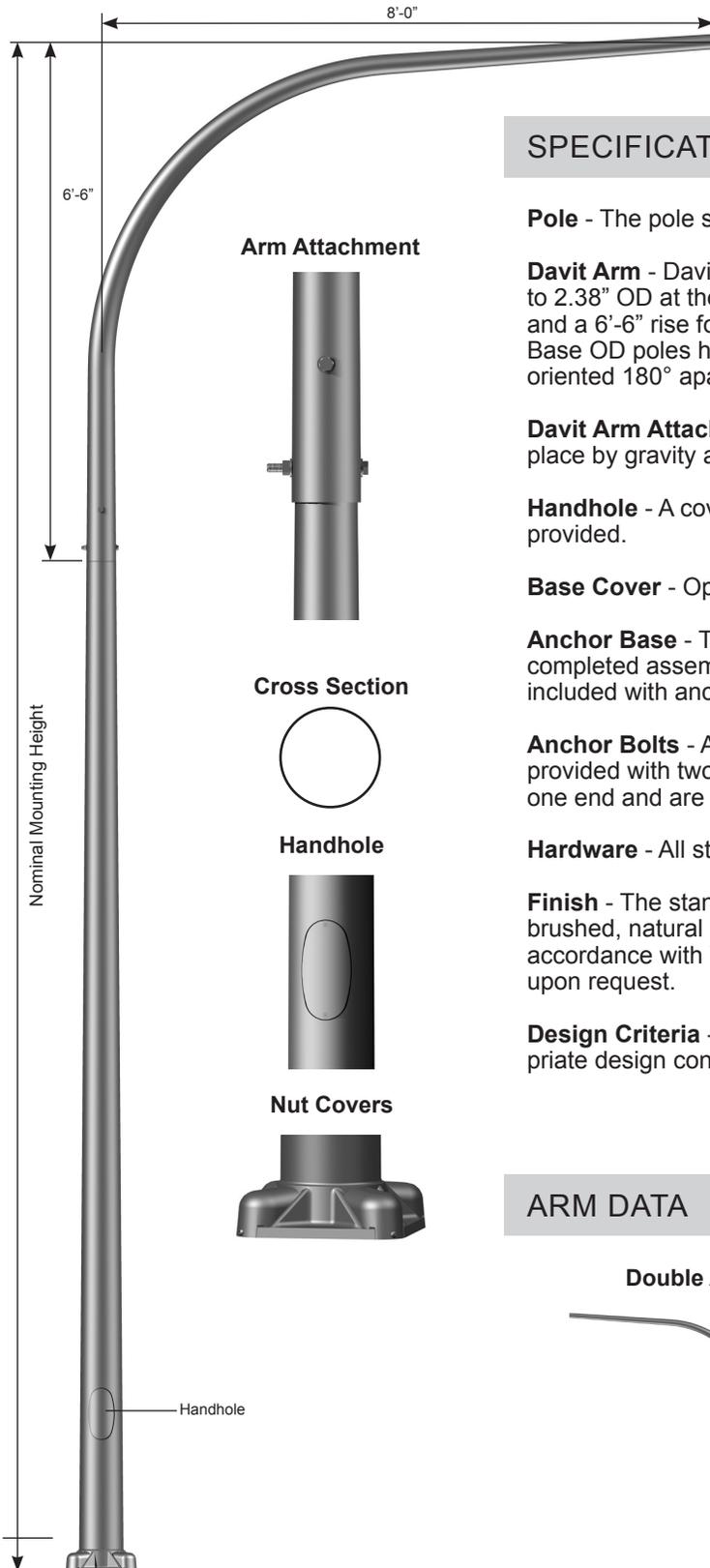


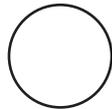
Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____



Arm Attachment



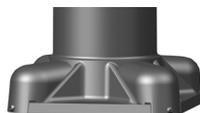
Cross Section



Handhole



Nut Covers



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. Double davit arms are oriented 180° apart.

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.

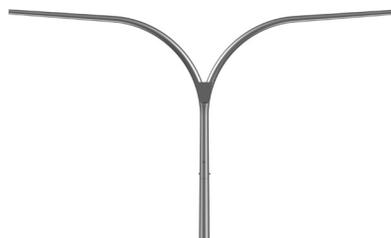
Hardware - All structural and non-structural fasteners are stainless steel.

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.

ARM DATA

Double Arm Arrangement



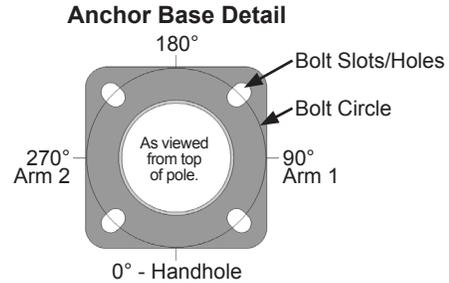
ROUND TAPERED ALUMINUM Davit Arm

8' Double

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
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
10.00	0.250	14.50	0.50	14.00	1.250	1.25 x 42.00 x 6.00	5.25	N/A



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 MAX	80 MPH w/1.3 GUST MAX	90 MPH w/1.3 GUST MAX	100 MPH w/1.3 GUST MAX	110 MPH w/1.3 GUST MAX	POLE HEIGHT	BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT ² (LBS)		
			EPA ¹ (SQ FT)	POLE HEIGHT	BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT ² (LBS)						
20'-0"	Double	75	5.3	3.2	1.8	0.9	N/A	13'-6"	6.00	4.00	0.156	97	200065208D4Z	
		75	6.0	5.9	3.9	2.6	1.6	13'-6"	7.00	4.00	0.156	104	200075208D4Z	
25'-0"	Double	75	5.1	3.0	1.6	0.7	N/A	18'-6"	7.00	4.00	0.156	119	250075208D4Z	
		75	6.0	5.2	3.4	2.1	1.1	18'-6"	8.00	4.50	0.156	129	250085208D4Z	
30'-0"	Double	75	2.6	1.0	N/A	N/A	N/A	23'-6"	7.00	4.00	0.156	137	300075208D4Z	
		75	4.9	2.7	1.4	N/A	N/A	23'-6"	8.00	4.50	0.156	149	300085208D4Z	
		75	6.0	4.2	2.5	1.3	N/A	23'-6"	8.00	4.50	0.188	166	300086208D4Z	
		75	6.0	4.9	3.1	1.8	0.8	23'-6"	9.00	4.50	0.156	161	300095208D4Z	
		75	6.0	6.0	4.6	3.0	1.8	23'-6"	9.00	4.50	0.188	180	300096208D4Z	
		75	6.0	6.0	4.8	3.2	2.0	23'-6"	8.00	4.50	0.250	199	300088208D4Z	
35'-0"	Double	75	2.5	0.8	N/A	N/A	N/A	28'-6"	8.00	4.50	0.156	166	350085208D4Z	
		75	4.0	2.1	0.8	N/A	N/A	28'-6"	8.00	4.50	0.188	187	350086208D4Z	
		75	4.8	2.7	1.3	N/A	N/A	28'-6"	9.00	4.50	0.156	180	350095208D4Z	
		75	6.0	4.2	2.5	1.2	N/A	28'-6"	9.00	4.50	0.188	203	350096208D4Z	
		75	6.0	4.4	2.6	1.4	N/A	28'-6"	8.00	4.50	0.250	227	350088208D4Z	
		75	6.0	5.9	3.7	2.0	0.8	28'-6"	10.00	6.00	0.188	243	350006208D4Z	
40'-0"	Double	75	1.9	N/A	N/A	N/A	N/A	33'-6"	8.00	4.50	0.188	210	400086208D4Z	
		75	2.6	0.9	N/A	N/A	N/A	33'-6"	9.00	4.50	0.156	202	400095208D4Z	
		75	4.3	2.2	0.8	N/A	N/A	33'-6"	9.00	4.50	0.188	229	400096208D4Z	
		75	4.5	2.3	0.9	N/A	N/A	33'-6"	8.00	4.50	0.250	258	400088208D4Z	
		75	6.0	3.6	1.8	N/A	N/A	33'-6"	10.00	6.00	0.188	272	400006208D4Z	
		75	6.0	6.0	4.3	2.5	1.1	33'-6"	10.00	6.00	0.250	338	400008208D4Z	

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	200065208D4Z 200075208D4Z 250075208D4Z 250085208D4Z 300075208D4Z 300085208D4Z 300086208D4Z 300095208D4Z 300096208D4Z 300088208D4Z 350085208D4Z 350086208D4Z 350095208D4Z 350096208D4Z 350088208D4Z 350006208D4Z 400086208D4Z 400095208D4Z 400096208D4Z 400088208D4Z 400006208D4Z 400008208D4Z	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)