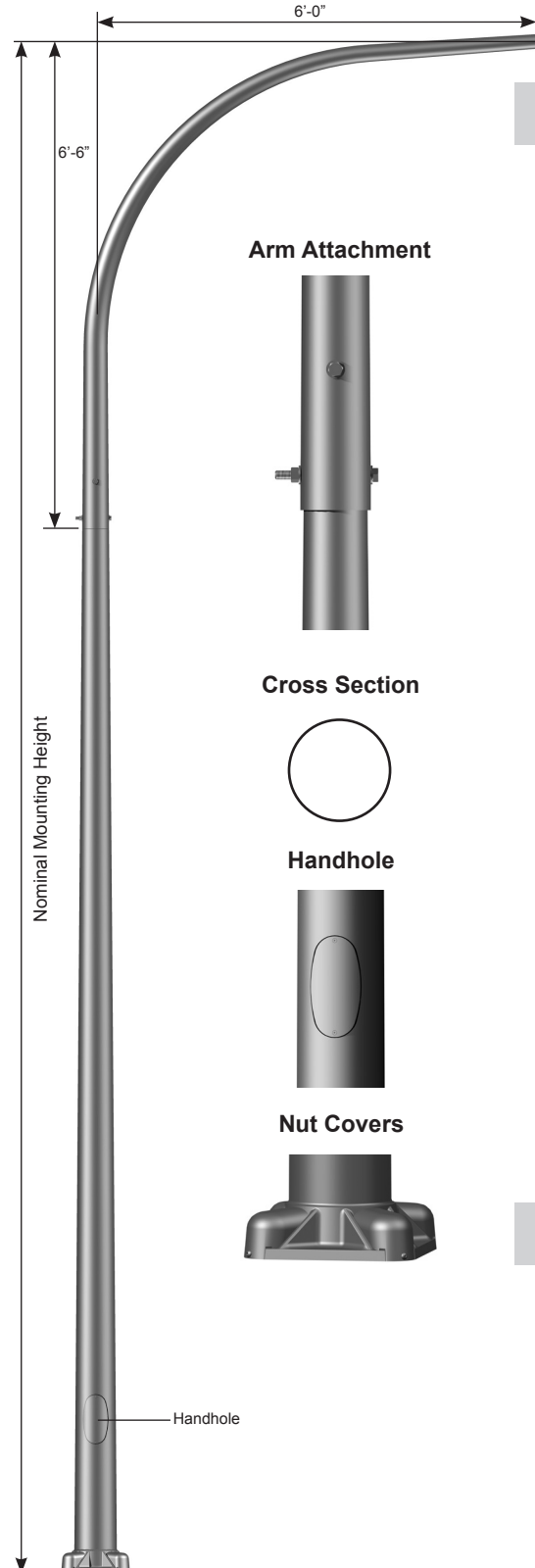


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____



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 4' 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.

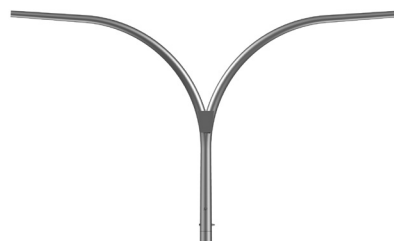
Hardware - All structural and non-structural fasteners are stainless steel.

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 6' Double

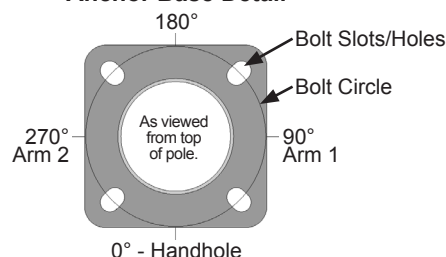
valmont

STRUCTURES

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

Anchor Base Detail


LOAD AND DIMENSIONAL DATA

DESIGN INFORMATION								POLE DIMENSIONS					
NOMINAL MOUNTING HEIGHT	QUANTITY OF ARMS	MAX WEIGHT ¹ (LBS)	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)	STRUCTURE WEIGHT ² (LBS)	MODEL NUMBER
			EPA ¹ (SQ FT)	EPA ¹ (SQ FT)	EPA ¹ (SQ FT)	EPA ¹ (SQ FT)	EPA ¹ (SQ FT)						
20'-0"	Double	75	5.9	3.8	2.4	1.5	0.7	13'-6"	6.00	4.00	0.156	87	200065206D4Z
		75	6.0	6.0	4.6	3.2	2.2	13'-6"	7.00	4.00	0.156	94	200075206D4Z
25'-0"	Double	75	3.1	1.6	N/A	N/A	N/A	18'-6"	6.00	4.00	0.156	101	250065206D4Z
		75	5.8	3.6	2.2	1.3	N/A	18'-6"	7.00	4.00	0.156	109	250075206D4Z
30'-0"	Double	75	6.0	6.0	4.1	2.8	1.8	18'-6"	8.00	4.50	0.156	120	250085206D4Z
		75	3.2	1.6	N/A	N/A	N/A	23'-6"	7.00	4.00	0.156	127	300075206D4Z
		75	5.6	3.5	2.1	1.1	N/A	23'-6"	8.00	4.50	0.156	140	300085206D4Z
		75	6.0	4.9	3.2	2.0	1.1	23'-6"	8.00	4.50	0.188	157	300086206D4Z
		75	6.0	5.7	3.8	2.5	1.5	23'-6"	9.00	4.50	0.156	152	300095206D4Z
		75	6.0	6.0	5.3	3.7	2.5	23'-6"	9.00	4.50	0.188	171	300096206D4Z
		75	6.0	6.0	5.5	3.9	2.7	23'-6"	8.00	4.50	0.250	190	300088206D4Z
		75	3.2	1.5	N/A	N/A	N/A	28'-6"	8.00	4.50	0.156	157	350085206D4Z
35'-0"	Double	75	4.8	2.8	1.5	N/A	N/A	28'-6"	8.00	4.50	0.188	178	350086206D4Z
		75	5.5	3.4	2.0	1.0	N/A	28'-6"	9.00	4.50	0.156	171	350095206D4Z
		75	6.0	4.9	3.2	2.0	1.0	28'-6"	9.00	4.50	0.188	194	350096206D4Z
		75	6.0	5.1	3.3	2.1	1.1	28'-6"	8.00	4.50	0.250	218	350088206D4Z
40'-0"	Double	75	2.6	1.1	N/A	N/A	N/A	33'-6"	8.00	4.50	0.188	201	400086206D4Z
		75	3.3	1.6	N/A	N/A	N/A	33'-6"	9.00	4.50	0.156	193	400095206D4Z
		75	5.0	2.9	1.6	N/A	N/A	33'-6"	9.00	4.50	0.188	220	400096206D4Z
		75	5.2	3.0	1.6	0.7	N/A	33'-6"	8.00	4.50	0.250	249	400088206D4Z

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	200065206D4Z 200075206D4Z 250065206D4Z 250075206D4Z 250085206D4Z 300075206D4Z 300085206D4Z 300086206D4Z 300095206D4Z 300096206D4Z 300088206D4Z 350085206D4Z 350086206D4Z 350095206D4Z 350096206D4Z 350088206D4Z 400086206D4Z 400095206D4Z 400096206D4Z 400088206D4Z	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)