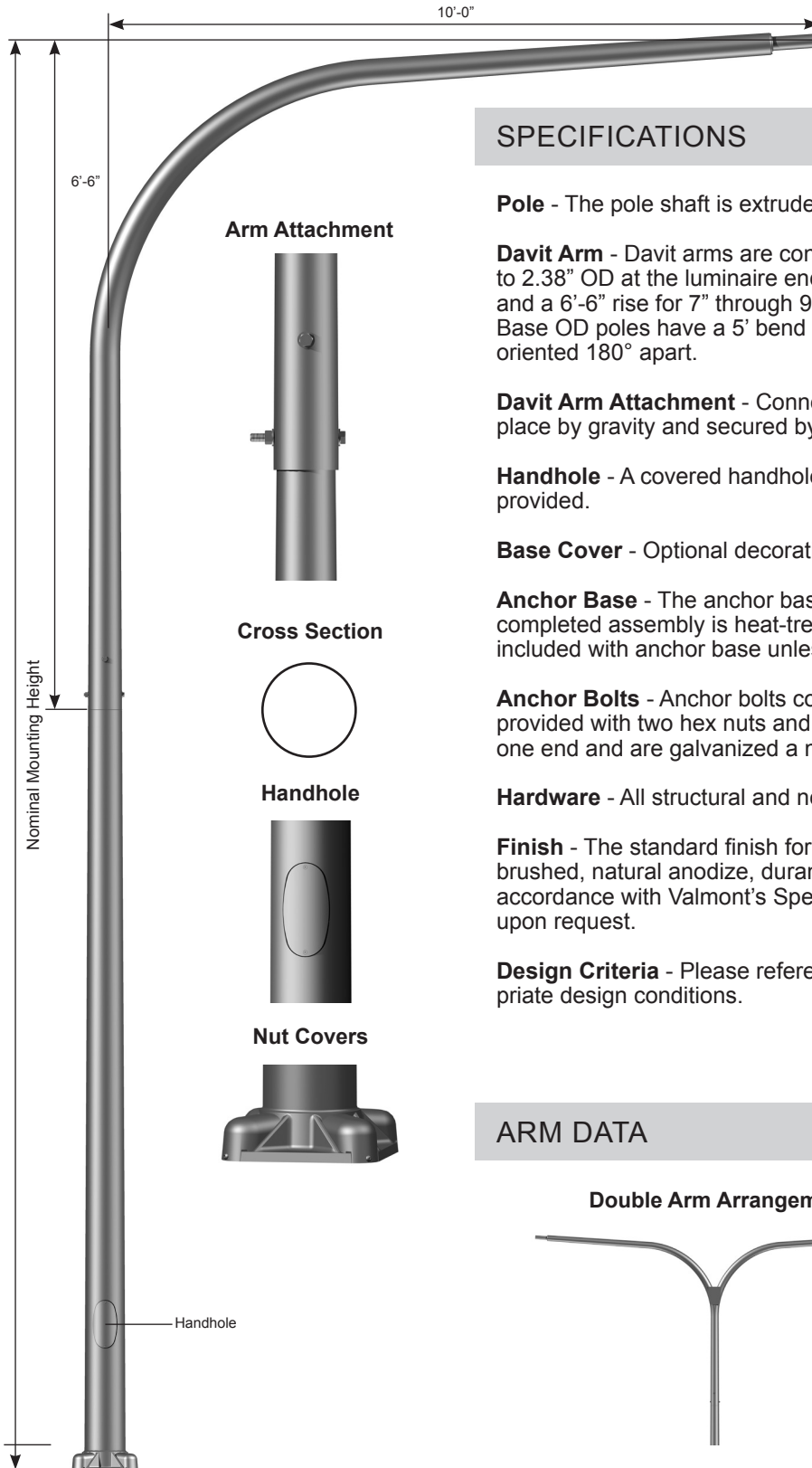


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____



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 for 7" 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

10' Double

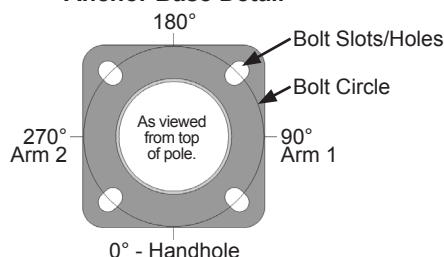
valmont

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)					
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

Anchor Base Detail


LOAD AND DIMENSIONAL DATA

DESIGN INFORMATION								POLE DIMENSIONS					MODEL NUMBER
NOMINAL MOUNTING HEIGHT	QUANTITY OF ARMS	MAX WEIGHT ¹ (LBS)	70 MPH w/1.3 GUST MAX EPA ¹ (SQ FT)	80 MPH w/1.3 GUST MAX EPA ¹ (SQ FT)	90 MPH w/1.3 GUST MAX EPA ¹ (SQ FT)	100 MPH w/1.3 GUST MAX EPA ¹ (SQ FT)	110 MPH w/1.3 GUST MAX EPA ¹ (SQ FT)	POLE HEIGHT	BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT ² (LBS)	
25'-0"	Double	75	4.6	2.5	1.2	N/A	N/A	18'-6"	7.00	4.00	0.156	126	250075210D4Z
		75	6.0	4.7	2.9	1.6	N/A	18'-6"	8.00	4.50	0.156	138	250085210D4Z
		75	6.0	6.0	4.3	2.8	1.6	18'-6"	8.00	4.50	0.188	151	250086210D4Z
30'-0"	Double	75	2.1	N/A	N/A	N/A	N/A	23'-6"	7.00	4.00	0.156	144	300075210D4Z
		75	4.3	2.3	0.9	N/A	N/A	23'-6"	8.00	4.50	0.156	158	300085210D4Z
		75	6.0	3.7	2.1	0.9	N/A	23'-6"	8.00	4.50	0.188	175	300086210D4Z
		75	6.0	4.4	2.6	1.3	N/A	23'-6"	9.00	4.50	0.156	170	300095210D4Z
		75	6.0	6.0	4.1	2.5	1.3	23'-6"	9.00	4.50	0.188	189	300096210D4Z
		75	6.0	6.0	4.3	2.7	1.5	23'-6"	8.00	4.50	0.250	208	300088210D4Z
35'-0"	Double	75	2.0	N/A	N/A	N/A	N/A	28'-6"	8.00	4.50	0.156	175	350085210D4Z
		75	3.6	1.6	N/A	N/A	N/A	28'-6"	8.00	4.50	0.188	196	350086210D4Z
		75	4.3	2.2	0.8	N/A	N/A	28'-6"	9.00	4.50	0.156	189	350095210D4Z
		75	6.0	3.7	2.0	0.8	N/A	28'-6"	9.00	4.50	0.188	212	350096210D4Z
		75	6.0	3.9	2.1	0.9	N/A	28'-6"	8.00	4.50	0.250	236	350088210D4Z
		75	6.0	5.3	3.1	1.5	N/A	28'-6"	10.00	6.00	0.188	254	350006210D4Z
40'-0"	Double	75	3.8	1.7	N/A	N/A	N/A	33'-6"	9.00	4.50	0.188	238	400096210D4Z
		75	4.0	1.8	N/A	N/A	N/A	33'-6"	8.00	4.50	0.250	267	400088210D4Z
		75	5.6	3.0	1.2	N/A	N/A	33'-6"	10.00	6.00	0.188	283	400006210D4Z
		75	6.0	6.0	3.7	1.9	N/A	33'-6"	10.00	6.00	0.250	349	400008210D4Z

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	250075210D4Z 250085210D4Z 250086210D4Z 300075210D4Z 300085210D4Z 300086210D4Z 300095210D4Z 300096210D4Z 300088210D4Z 350085210D4Z 350086210D4Z 350095210D4Z 350096210D4Z 350088210D4Z 350006210D4Z 400096210D4Z 400088210D4Z 400006210D4Z 400008210D4Z	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)