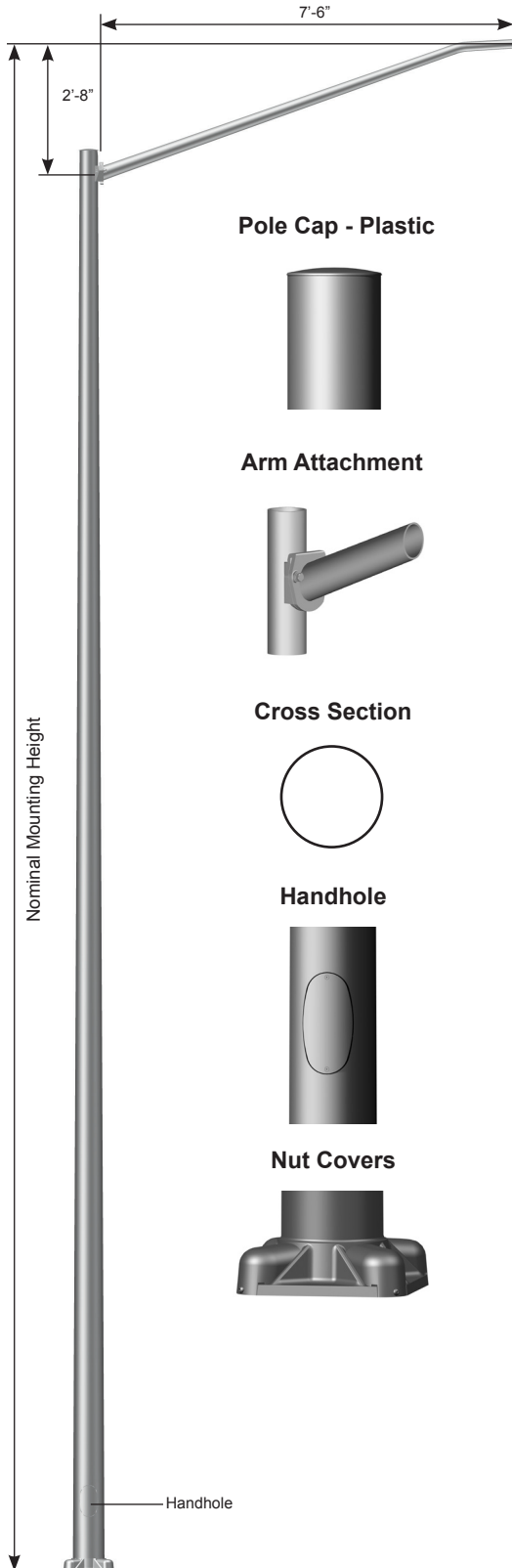


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____



**SPECIFICATIONS**

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

**Pole Top** - A removable pole cap is provided.

**Luminaire Arm** - Luminaire arms are conically tapered from seamless alloy aluminum to 2.38" OD at the luminaire end. Double luminaire arms are oriented 180° apart. For other orientations please consult factory.

**Luminaire Arm Attachment** - Connection allows arm to be erected and held in place by gravity and secured by two 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.

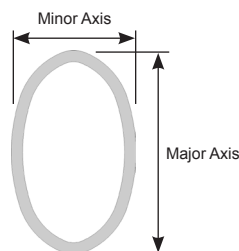
**Hardware** - All structural and non-structural fasteners are stainless steel.

**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**

**Ovalized Arm Cross Section**



**Double Arm Arrangement**



# ROUND TAPERED ALUMINUM Elliptical Mast Arm 8' Double - Double Bolt Mount



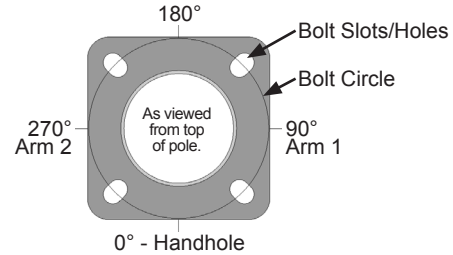
STRUCTURES

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

## ANCHORAGE DATA

POLE BASE OD (IN)	WALL THK (IN)	BOLT CIRCLE		SQUARE		THK (IN)	ANCHOR BOLTS	
		DIA (IN)	± (IN)	(IN)	(IN)		DIA x LENGTH x HOOK (IN)	PROJECTION (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
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

NOMINAL MOUNTING HEIGHT	MAX WEIGHT <sup>1</sup> (LBS)	DESIGN INFORMATION					POLE HEIGHT	POLE DIMENSIONS				STRUCTURE WEIGHT <sup>2</sup> (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		BASE OD (IN)	TOP OD (IN)	WALL THK (IN)			
20'-0"	75	4.5	2.7	1.4	N/A	N/A	17'-8"	6.00	4.00	0.156	85	2MA0832S-170840605T4	
	75	4.5	3.2	2.4	1.4	N/A	17'-8"	6.00	4.00	0.188	95	2MA0832S-170840606T4	
25'-0"	75	3.3	1.5	N/A	N/A	N/A	22'-8"	6.00	4.00	0.188	111	2MA0832S-220840606T4	
	75	4.5	2.5	1.2	N/A	N/A	22'-8"	7.00	4.00	0.156	107	2MA0832S-220840705T4	
30'-0"	75	4.5	3.2	2.4	1.7	1.0	22'-8"	8.00	4.50	0.156	118	2MA0832S-220845805T4	
	75	4.4	2.4	1.1	N/A	N/A	27'-8"	8.00	4.50	0.156	136	2MA0832S-270845805T4	
	75	4.5	3.2	2.2	1.1	N/A	27'-8"	8.00	4.50	0.188	155	2MA0832S-270845806T4	
	75	4.5	3.2	2.4	1.6	0.7	27'-8"	9.00	4.50	0.156	149	2MA0832S-270845905T4	
	75	4.5	3.2	2.4	1.7	1.3	27'-8"	8.00	4.50	0.250	193	2MA0832S-270845808T4	
35'-0"	75	4.5	3.2	2.4	1.7	1.3	27'-8"	9.00	4.50	0.188	170	2MA0832S-270845906T4	
	75	3.7	1.7	N/A	N/A	N/A	32'-8"	8.00	4.50	0.188	179	2MA0832S-320845806T4	
	75	4.4	2.3	1.0	N/A	N/A	32'-8"	9.00	4.50	0.156	170	+2MA0832S-320845905T4	
	75	4.5	3.2	2.2	1.1	N/A	32'-8"	9.00	4.50	0.188	196	2MA0832S-320845906T4	
	75	4.5	3.2	2.3	1.2	N/A	32'-8"	8.00	4.50	0.250	224	2MA0832S-320845808T4	
39'-0"	75	4.5	3.2	2.4	1.7	1.3	32'-8"	10.00	6.00	0.188	224	2MA0832S-320860106T4	
	75	4.4	2.3	0.9	N/A	N/A	36'-8"	9.00	4.50	0.188	220	+2MA0832S-360845906T4	
	75	4.5	2.4	1.0	N/A	N/A	36'-8"	8.00	4.50	0.250	252	2MA0832S-360845808T4	
	75	4.5	3.2	2.4	1.4	N/A	36'-8"	10.00	6.00	0.188	251	2MA0832S-360860106T4	
	75	4.5	3.2	2.4	1.7	1.3	36'-8"	10.00	6.00	0.250	322	2MA0832S-360860108T4	

- 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.
- Structure weight is a nominal value which includes the pole shaft, base plate and luminaire arm(s).  
+ Pole includes factory installed vibration damper.

## PRODUCT ORDERING CODES

CROSS SECTION	MODEL NUMBER	COLOR	OPTIONS
R = Round	2MA0832S-170840605T4 2MA0832S-170840606T4 2MA0832S-220840606T4 2MA0832S-220840705T4 2MA0832S-220845805T4 2MA0832S-270845805T4 2MA0832S-270845806T4 2MA0832S-270845905T4 2MA0832S-270845808T4 2MA0832S-270845906T4 2MA0832S-320845806T4 +2MA0832S-320845905T4 2MA0832S-320845906T4 2MA0832S-320845808T4 2MA0832S-320860106T4 +2MA0832S-360845906T4	<b>Polyester Powder</b> 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)	<b>Anodized</b> 204 = Clear Natural 311 = Light Bronze* 312 = Medium Bronze* 313 = Dark Bronze* 335 = Black* *Duranodic Anodize  <b>Brushed</b> SBF = Satin Brushed