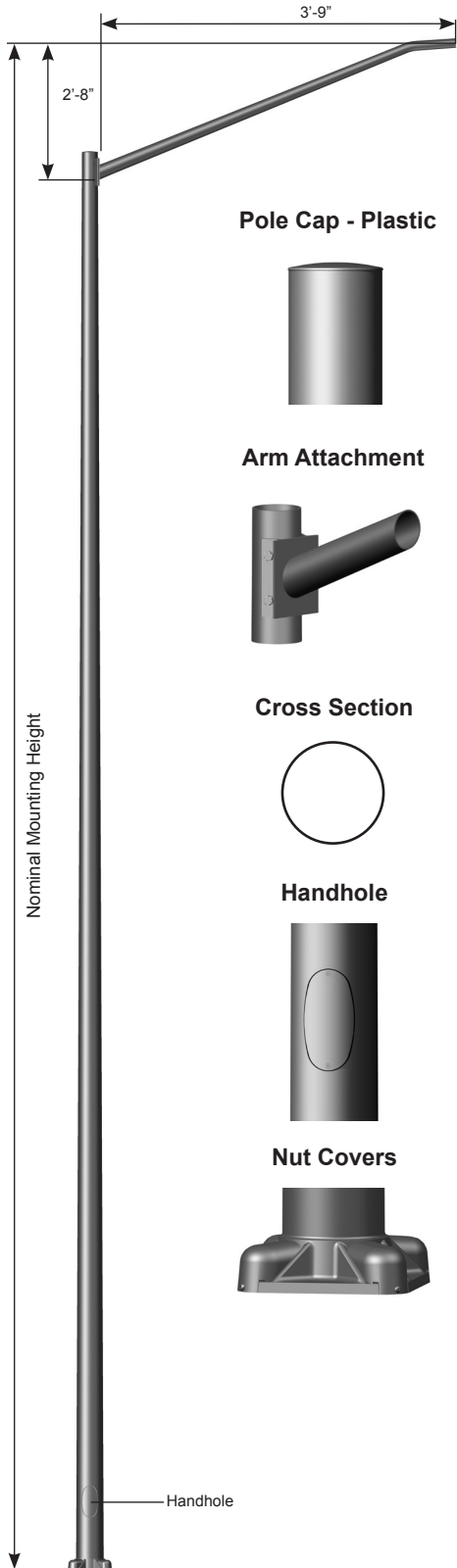


|   |                                      |
|---|--------------------------------------|
| Job Name: _____                         | Client Name: _____                   |
| Job Location - City: _____ State: _____ | Created By: _____ Date: _____        |
| Product: _____ Quote: _____             | Customer 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 four bolts, lock washers and flat washers.

**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.

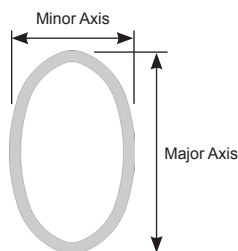
**Hardware** - All structural and non-structural fasteners are stainless steel.

**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**



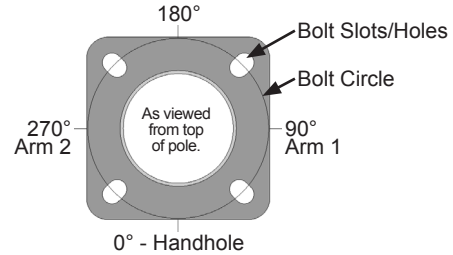
# ROUND TAPERED ALUMINUM Elliptical Mast Arm 4' Double - Four Bolt Mount

|   |                                      |
|---|--------------------------------------|
| 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 | MAX WEIGHT <sup>1</sup> (LBS) | DESIGN INFORMATION           |                              |                              |                              |                              | POLE DIMENSIONS |              |             |               |                                     | 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) | STRUCTURE WEIGHT <sup>2</sup> (LBS) |                       |
|                         |                               | MAX EPA <sup>1</sup> (SQ FT) | MAX EPA <sup>1</sup> (SQ FT) | MAX EPA <sup>1</sup> (SQ FT) | MAX EPA <sup>1</sup> (SQ FT) | MAX EPA <sup>1</sup> (SQ FT) |                 |              |             |               |                                     |                       |
| 20'-0"                  | 75                            | 6.0                          | 4.1                          | 2.7                          | 1.7                          | 1.1                          | 17'-8"          | 6.00         | 4.00        | 0.156         | 71                                  | 2MA0432B-170840605T4  |
|                         | 75                            | 6.0                          | 5.4                          | 3.8                          | 2.6                          | 1.8                          | 17'-8"          | 6.00         | 4.00        | 0.188         | 81                                  | 2MA0432B-170840606T4  |
|                         | 75                            | 3.3                          | 1.8                          | 0.8                          | N/A                          | N/A                          | 22'-8"          | 6.00         | 4.00        | 0.156         | 85                                  | 2MA0432B-220840605T4  |
| 25'-0"                  | 75                            | 4.6                          | 2.8                          | 1.6                          | 0.8                          | N/A                          | 22'-8"          | 6.00         | 4.00        | 0.188         | 97                                  | 2MA0432B-220840606T4  |
|                         | 75                            | 6.0                          | 3.9                          | 2.5                          | 1.5                          | 0.9                          | 22'-8"          | 7.00         | 4.00        | 0.156         | 93                                  | 2MA0432B-220840705T4  |
|                         | 75                            | 6.0                          | 6.0                          | 4.4                          | 3.2                          | 2.2                          | 22'-8"          | 8.00         | 4.50        | 0.156         | 104                                 | 2MA0432B-220845805T4  |
|                         | 75                            | 3.4                          | 1.8                          | 0.8                          | N/A                          | N/A                          | 27'-8"          | 7.00         | 4.00        | 0.156         | 109                                 | +2MA0432B-270840705T4 |
| 30'-0"                  | 75                            | 5.8                          | 3.7                          | 2.3                          | 1.5                          | 0.8                          | 27'-8"          | 8.00         | 4.50        | 0.156         | 122                                 | 2MA0432B-270845805T4  |
|                         | 75                            | 6.0                          | 5.2                          | 3.5                          | 2.4                          | 1.6                          | 27'-8"          | 8.00         | 4.50        | 0.188         | 141                                 | 2MA0432B-270845806T4  |
|                         | 75                            | 6.0                          | 5.9                          | 4.1                          | 2.9                          | 1.9                          | 27'-8"          | 9.00         | 4.50        | 0.156         | 135                                 | 2MA0432B-270845905T4  |
|                         | 75                            | 6.0                          | 6.0                          | 5.3                          | 4.1                          | 3.0                          | 27'-8"          | 9.00         | 4.50        | 0.188         | 156                                 | 2MA0432B-270845906T4  |
|                         | 75                            | 6.0                          | 6.0                          | 5.3                          | 4.2                          | 3.5                          | 27'-8"          | 10.00        | 6.00        | 0.188         | 180                                 | 2MA0432B-270860106T4  |
| 35'-0"                  | 75                            | 3.4                          | 1.8                          | 0.8                          | N/A                          | N/A                          | 32'-8"          | 8.00         | 4.50        | 0.156         | 141                                 | +2MA0432B-320845805T4 |
|                         | 75                            | 5.0                          | 3.0                          | 1.8                          | 1.0                          | N/A                          | 32'-8"          | 8.00         | 4.50        | 0.188         | 165                                 | 2MA0432B-320845806T4  |
|                         | 75                            | 5.7                          | 3.6                          | 2.3                          | 1.3                          | N/A                          | 32'-8"          | 9.00         | 4.50        | 0.156         | 156                                 | +2MA0432B-320845905T4 |
|                         | 75                            | 6.0                          | 5.2                          | 3.5                          | 2.4                          | 1.5                          | 32'-8"          | 9.00         | 4.50        | 0.188         | 182                                 | 2MA0432B-320845906T4  |
|                         | 75                            | 6.0                          | 5.3                          | 3.6                          | 2.5                          | 1.6                          | 32'-8"          | 8.00         | 4.50        | 0.250         | 210                                 | 2MA0432B-320845808T4  |
|                         | 75                            | 6.0                          | 6.0                          | 5.3                          | 4.0                          | 2.8                          | 32'-8"          | 10.00        | 6.00        | 0.188         | 210                                 | 2MA0432B-320860106T4  |
| 39'-0"                  | 75                            | 3.3                          | 1.6                          | 0.7                          | N/A                          | N/A                          | 36'-8"          | 8.00         | 4.50        | 0.188         | 187                                 | +2MA0432B-360845806T4 |
|                         | 75                            | 3.9                          | 2.2                          | 1.1                          | N/A                          | N/A                          | 36'-8"          | 9.00         | 4.50        | 0.156         | 177                                 | +2MA0432B-360845905T4 |
|                         | 75                            | 5.8                          | 3.6                          | 2.2                          | 1.3                          | N/A                          | 36'-8"          | 9.00         | 4.50        | 0.188         | 206                                 | +2MA0432B-360845906T4 |
|                         | 75                            | 5.9                          | 3.7                          | 2.3                          | 1.3                          | N/A                          | 36'-8"          | 8.00         | 4.50        | 0.250         | 238                                 | 2MA0432B-360845808T4  |

- 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             |  |  |  |
| R = Round     | 2MA0432B-170840605T4<br>2MA0432B-170840606T4<br>2MA0432B-220840605T4<br>2MA0432B-220840606T4<br>2MA0432B-220840705T4<br>2MA0432B-220845805T4<br>+2MA0432B-270840705T4<br>2MA0432B-270845805T4<br>2MA0432B-270845806T4<br>2MA0432B-270845905T4<br>2MA0432B-270845906T4<br>2MA0432B-270860106T4<br>+2MA0432B-320845805T4<br>2MA0432B-320845806T4<br>+2MA0432B-320845905T4<br>2MA0432B-320845906T4<br>2MA0432B-320845808T4<br>2MA0432B-320860106T4<br>+2MA0432B-360845806T4<br>+2MA0432B-360845905T4<br>+2MA0432B-360845906T4<br>2MA0432B-360845808T4 | <b>Polyester Powder</b><br>DWH = White<br>DSS = Sandstone<br>BR = Burgundy<br>HG = Hunter Green<br>DNA = Natural Aluminum<br>DCG = Charcoal Gray<br>DMB = Medium Bronze<br>SBN = Sanded Brown<br>DNB = New Dark Bronze<br>DDB = Dark Bronze<br>SBK = Sanded Black<br>DBL = Black<br>DSB = Steel Blue<br>DTG = Dark Green<br>DBR = Red<br>SC = Special Color<br>(Contact Factory) | <b>Anodized</b><br>204 = Clear Natural<br>311 = Light Bronze*<br>312 = Medium Bronze*<br>313 = Dark Bronze*<br>335 = Black*<br>*Duranodic Anodize<br><br><b>Brushed</b><br>SBF = Satin Brushed |

See Accessories at valmontstructures.com (Please Specify with Code)