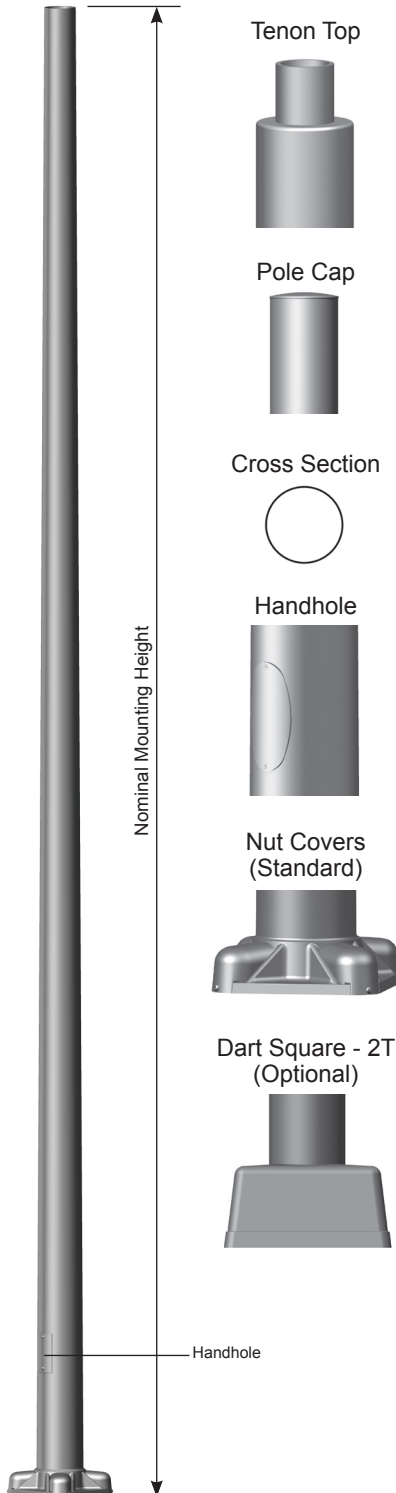


|   |                                      |
|---|--------------------------------------|
| Job Name: _____                         | Client Name: _____                   |
| Job Location - City: _____ State: _____ | Created By: _____ Date: _____        |
| Product: _____ Quote: _____             | Customer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

## SPECIFICATIONS



**Pole** - The pole shaft is spun from seamless 6000 series alloy aluminum.

**Pole Top** - A pole top tenon is provided for top mount luminaire and/or bracket. A removable pole cap is available for poles receiving drilling patterns for side-mount luminaire arm assemblies.

**Handhole** - A covered handhole with hardware and grounding provision are provided.

**Base Cover** - Optional Dart Square-2T cast and 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.

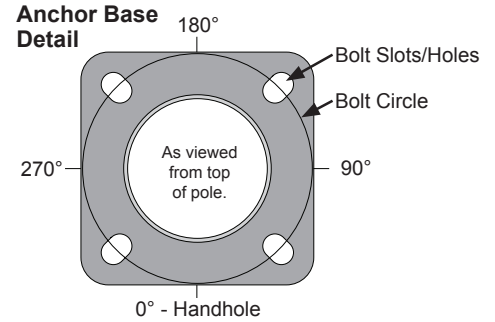
**Finish** - The standard finish for the pole assembly and components is satin brushed, natural anodize, duranodic or polyester powder applied coating in accordance with Valmont's Specifications. Additional finish options available upon request.

# 35' to 50' Round Tapered Aluminum 4-Bolt Anchor Base Pole

|   |                                      |
|---|--------------------------------------|
| 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) |             |          |                          |                 |          |
| 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      | 4.25            | N/A      |
| 9.00         | 0.188         | 13.25       | 0.75   | 12.48       | 1.250    | 1.00 x 36.00 x 4.00      | 4.25            | N/A      |
| 10.00        | 0.188         | 14.25       | 0.75   | 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 | DESIGN INFORMATION           |                  |                              |                  |                              |                  |                              |                  |                                 |                  | POLE DIMENSIONS |              |             |               |                                     |              |
|-------------------------|------------------------------|------------------|------------------------------|------------------|------------------------------|------------------|------------------------------|------------------|---------------------------------|------------------|-----------------|--------------|-------------|---------------|-------------------------------------|--------------|
|                         | 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 <sup>1</sup> |                  | POLE HEIGHT     | BASE OD (IN) | TOP OD (IN) | WALL THK (IN) | STRUCTURE WEIGHT <sup>3</sup> (LBS) | MODEL NUMBER |
|                         | MAX EPA <sup>2</sup> (SQ FT) | MAX WEIGHT (LBS) | MAX EPA <sup>2</sup> (SQ FT) | MAX WEIGHT (LBS) | MAX EPA <sup>2</sup> (SQ FT) | MAX WEIGHT (LBS) | MAX EPA <sup>2</sup> (SQ FT) | MAX WEIGHT (LBS) | MAX EPA <sup>2</sup> (SQ FT)    | MAX WEIGHT (LBS) |                 |              |             |               |                                     |              |
| 35'-0"                  | 8.8                          | 150              | 5.7                          | 150              | 4.0                          | 150              | 2.9                          | 150              | 2.1                             | 150              | 34'-8"          | 8.00         | 4.50        | 0.156         | 133                                 | +340845805T4 |
|                         | 11.9                         | 150              | 8.2                          | 150              | 6.0                          | 150              | 4.5                          | 150              | 3.4                             | 150              | 34'-8"          | 8.00         | 4.50        | 0.188         | 158                                 | 340845806T4  |
|                         | 13.4                         | 150              | 9.4                          | 150              | 6.9                          | 150              | 5.2                          | 150              | 3.9                             | 150              | 34'-8"          | 9.00         | 4.50        | 0.156         | 148                                 | +340845905T4 |
|                         | 17.4                         | 150              | 12.5                         | 150              | 9.3                          | 150              | 7.2                          | 150              | 5.6                             | 150              | 34'-8"          | 9.00         | 4.50        | 0.188         | 175                                 | 340845906T4  |
|                         | 17.8                         | 150              | 12.7                         | 150              | 9.5                          | 150              | 7.3                          | 150              | 5.8                             | 150              | 34'-8"          | 8.00         | 4.50        | 0.250         | 205                                 | 340845808T4  |
|                         | 23.3                         | 200              | 17.3                         | 200              | 13.2                         | 200              | 10.2                         | 200              | 8.0                             | 200              | 34'-8"          | 10.00        | 6.00        | 0.188         | 205                                 | 340860106T4  |
| 37'-0"                  | 32.3                         | 300              | 24.2                         | 300              | 18.7                         | 300              | 14.6                         | 300              | 11.6                            | 300              | 34'-8"          | 10.00        | 6.00        | 0.250         | 275                                 | 340860108T4  |
|                         | 10.2                         | 150              | 6.9                          | 150              | 4.9                          | 150              | 3.6                          | 150              | 2.6                             | 150              | 36'-8"          | 8.00         | 4.50        | 0.188         | 168                                 | 360845806T4  |
|                         | 11.6                         | 150              | 8.0                          | 150              | 5.7                          | 150              | 4.2                          | 150              | 3.1                             | 150              | 36'-8"          | 9.00         | 4.50        | 0.156         | 158                                 | +360845905T4 |
|                         | 15.3                         | 150              | 10.8                         | 150              | 8.0                          | 150              | 6.1                          | 150              | 4.6                             | 150              | 36'-8"          | 9.00         | 4.50        | 0.188         | 187                                 | 360845906T4  |
|                         | 15.6                         | 150              | 11.0                         | 150              | 8.2                          | 150              | 6.2                          | 150              | 4.8                             | 150              | 36'-8"          | 8.00         | 4.50        | 0.250         | 219                                 | 360845808T4  |
|                         | 20.8                         | 200              | 15.4                         | 200              | 11.6                         | 200              | 8.9                          | 200              | 6.8                             | 200              | 36'-8"          | 10.00        | 6.00        | 0.188         | 218                                 | 360860106T4  |
| 39'-0"                  | 29.2                         | 300              | 21.8                         | 300              | 16.7                         | 300              | 13.0                         | 300              | 10.2                            | 300              | 36'-8"          | 10.00        | 6.00        | 0.250         | 292                                 | 360860108T4  |
|                         | 8.6                          | 150              | 5.6                          | 150              | 3.9                          | 150              | 2.8                          | 150              | 1.9                             | 150              | 38'-8"          | 8.00         | 4.50        | 0.188         | 179                                 | +380845806T4 |
|                         | 9.9                          | 150              | 6.7                          | 150              | 4.7                          | 150              | 3.3                          | 150              | 2.3                             | 150              | 38'-8"          | 9.00         | 4.50        | 0.156         | 168                                 | +380845905T4 |
|                         | 13.5                         | 150              | 9.4                          | 150              | 6.8                          | 150              | 5.1                          | 150              | 3.8                             | 150              | 38'-8"          | 9.00         | 4.50        | 0.188         | 200                                 | +380845906T4 |
|                         | 13.7                         | 150              | 9.5                          | 150              | 6.9                          | 150              | 5.2                          | 150              | 4.0                             | 150              | 38'-8"          | 8.00         | 4.50        | 0.250         | 233                                 | 380845808T4  |
|                         | 18.6                         | 200              | 13.6                         | 200              | 10.2                         | 200              | 7.7                          | 200              | 5.8                             | 200              | 38'-8"          | 10.00        | 6.00        | 0.188         | 232                                 | 380860106T4  |
| 48'-0"                  | 26.4                         | 300              | 19.6                         | 300              | 14.9                         | 300              | 11.5                         | 300              | 9.0                             | 300              | 38'-8"          | 10.00        | 6.00        | 0.250         | 311                                 | 380860108T4  |
|                         | 15.6                         | 300              | 11.2                         | 300              | 8.3                          | 300              | 6.1                          | 300              | 4.5                             | 300              | 47'-8"          | 10.00        | 6.00        | 0.250         | 360                                 | *470860108T4 |
| 50'-0"                  | 13.8                         | 300              | 9.9                          | 300              | 7.2                          | 300              | 5.2                          | 300              | 3.7                             | 300              | 49'-8"          | 10.00        | 6.00        | 0.250         | 378                                 | *490860108T4 |

- EPA values are calculated using fastest mile winds.
- EPA represents the Effective Projected Area of each luminaire. Designs are limited to top mount or side-mount luminaires. 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 and base plate.
  - + Pole includes factory installed vibration damper. \* Shafts may be a two piece assembly.

## PRODUCT ORDERING CODES

| CROSS SECTION | MODEL NUMBER  | FIXTURE MOUNTING  | COLOR  |  | OPTIONS   |
|---------------|---|---|--|--|---|
| R             |   |   |  |  |   |
| R = Round     | +340845805T4<br>340845806T4<br>+340845905T4<br>340845906T4<br>340845808T4<br>340860106T4<br>340860108T4<br>360845806T4<br>+360845905T4<br>360845906T4<br>360845808T4<br>360860106T4<br>360860108T4<br>+380845806T4<br>+380845905T4<br>+380845906T4<br>380845808T4<br>380860106T4<br>380860108T4<br>*470860108T4<br>*490860108T4 | <b>Drill Mounting</b><br>D1 = 1 Luminaire<br>D2 = 2 @ 180°<br>D3 = 3 @ 120°<br>D4 = 4 @ 90°<br>D5 = 2 @ 90°<br>D6 = 3 @ 90°<br><b>Tenon Mounting</b><br>P2 = 2.38" OD x 4.00"<br>P3 = 3.50" OD x 6.00"<br>P4 = 4.00" OD x 6.00"<br>P5 = 2.88" OD x 4.00"<br>P7 = 2.38" OD x 5.00"<br>PQ = 2.38" OD x 12.00"<br>PD = 3.00" OD x 3.00"<br>-- = Plain Top<br>P9 = Other Tenon<br>(Contact Factory) | <b>Polyester Powder</b><br>DWH = White<br>DSS = Sandstone<br>HTG = Hunter Green<br>DNA = Natural Aluminum<br>DCG = Charcoal Gray<br>DMB = Medium Bronze<br>DNB = New Dark Bronze<br>DDB = Dark Bronze<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 <a href="http://valmontstructures.com">valmontstructures.com</a><br>(Please Specify with Code) |

SPC7541 09/17 valmontstructures.com carries the most current spec information and supersedes these guidelines.