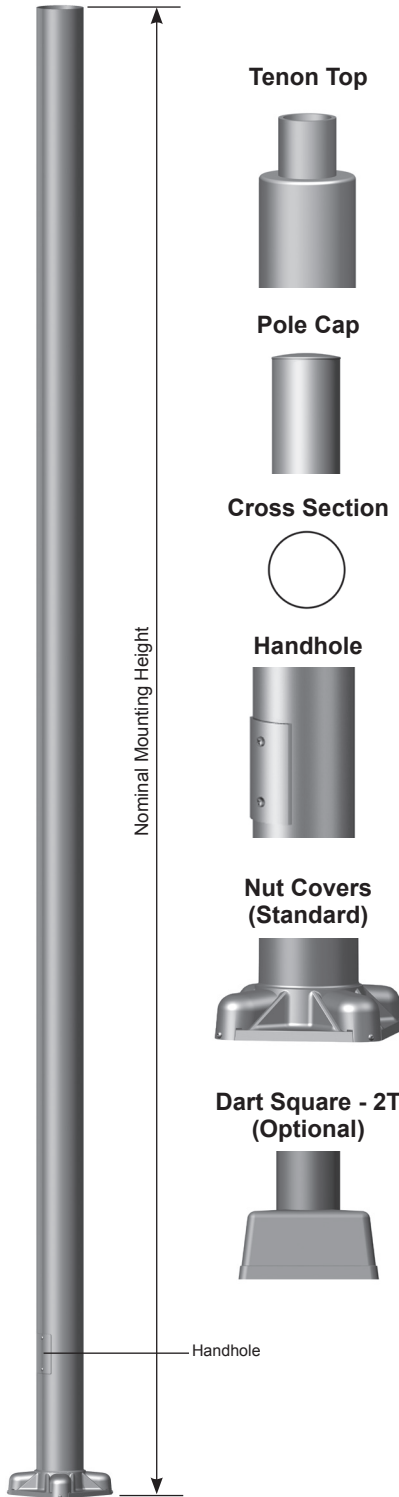


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____

## SPECIFICATIONS



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

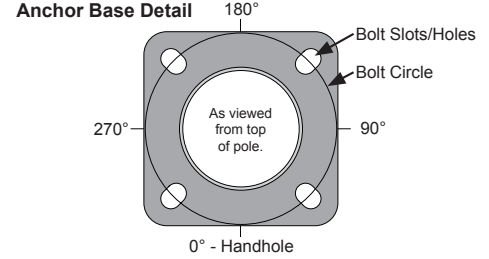
**Finish** - The standard finish for the pole assembly and components is satin brushed, natural anodize, duranodic or polyester powder applied coating in accordance with Valmont's Specifications. Additional finish options available upon request.

# 8' to 14' Round Non-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)					
4.00	0.125	7.50	0.75	8.91	0.630	0.75 x 17.00 x 3.00	3.25	N/A
4.50	0.125	7.84	0.78	9.26	0.630	0.75 x 17.00 x 3.00	3.25	N/A
4.50	0.188	7.84	0.78	9.26	0.630	0.75 x 17.00 x 3.00	3.25	N/A
5.00	0.125	8.63	0.88	9.61	0.630	0.75 x 17.00 x 3.00	3.25	N/A
5.00	0.156	8.63	0.88	9.61	0.630	0.75 x 17.00 x 3.00	3.25	N/A
5.00	0.188	8.63	0.88	9.61	0.630	0.75 x 17.00 x 3.00	3.25	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)						
8'-0"	10.7	75	7.9	75	6.0	75	4.7	75	3.9	75	8'-0"	4.00	4.00	0.125	19	080040404S4
	14.9	75	11.2	75	8.6	75	6.9	75	5.7	75	8'-0"	4.50	4.50	0.125	21	080045454S4
	22.0	75	16.6	75	12.9	75	10.4	75	8.5	75	8'-0"	4.50	4.50	0.188	29	080045456S4
10'-0"	8.1	75	5.9	75	4.3	75	3.3	75	2.7	75	10'-0"	4.00	4.00	0.125	22	100040404S4
	11.5	100	8.4	100	6.4	100	5.1	100	4.1	100	10'-0"	4.50	4.50	0.125	25	100045454S4
	17.3	100	12.8	100	9.9	100	7.9	100	6.5	100	10'-0"	4.50	4.50	0.188	35	100045456S4
	15.4	100	11.5	100	8.9	100	7.1	100	5.8	100	10'-0"	5.00	5.00	0.125	27	100050504S4
12'-0"	6.2	75	4.3	75	3.0	75	2.2	75	1.7	75	12'-0"	4.00	4.00	0.125	26	120040404S4
	9.0	75	6.5	75	4.8	75	3.8	75	3.0	75	12'-0"	4.50	4.50	0.125	29	120045454S4
	13.9	75	10.2	75	7.7	75	6.2	75	5.0	75	12'-0"	4.50	4.50	0.188	41	120045456S4
	12.2	100	9.0	100	6.9	100	5.5	100	4.4	100	12'-0"	5.00	5.00	0.125	32	120050504S4
	15.5	100	11.5	100	8.9	100	7.1	100	5.8	100	12'-0"	5.00	5.00	0.156	38	120050505S4
14'-0"	18.8	100	14.0	100	10.9	100	8.7	100	7.1	100	12'-0"	5.00	5.00	0.188	45	120050506S4
	4.6	100	3.0	100	1.9	100	1.2	100	0.9	100	14'-0"	4.00	4.00	0.125	30	140040404S4
	6.9	100	4.7	100	3.4	100	2.6	100	2.0	100	14'-0"	4.50	4.50	0.125	33	140045454S4
	11.1	100	7.9	100	5.9	100	4.6	100	3.7	100	14'-0"	4.50	4.50	0.188	47	140045456S4
	9.7	100	6.9	100	5.3	100	4.1	100	3.3	100	14'-0"	5.00	5.00	0.125	36	140050504S4
	12.5	100	9.1	100	7.0	100	5.5	100	4.4	100	14'-0"	5.00	5.00	0.156	44	140050505S4
	15.3	100	11.2	100	8.7	100	6.9	100	5.6	100	14'-0"	5.00	5.00	0.188	52	140050506S4

- 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.

## PRODUCT ORDERING CODES

CROSS SECTION	MODEL NUMBER	FIXTURE MOUNTING	COLOR	OPTIONS	
<b>R</b>					
R = Round	080040404S4 080045454S4 080045456S4 100040404S4 100045454S4 100045456S4 100050504S4 120040404S4 120045454S4 120045456S4 120050504S4 120050505S4 120050506S4 140040404S4 140045454S4 140045456S4	<b>Drill Mounting</b> D1 = 1 Luminaire D2 = 2 @ 180° D3 = 3 @ 120° D4 = 4 @ 90° D5 = 2 @ 90° D6 = 3 @ 90°  <b>Tenon Mounting</b> P2 = 2.38" OD x 4.00" P3 = 3.50" OD x 6.00" P4 = 4.00" OD x 6.00" P5 = 2.88" OD x 4.00" P7 = 2.38" OD x 5.00" PQ = 2.38" OD x 12.00" PD = 3.00" OD x 3.00" -- = Plain Top P9 = Other Tenon (Contact Factory)	<b>Polyester Powder</b> DWH = White DSS = Sandstone HTG = Hunter Green DNA = Natural Aluminum DCG = Charcoal Gray DMB = Medium Bronze DNB = New Dark Bronze DDB = Dark Bronze 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	See Accessories at <a href="http://valmontstructures.com">valmontstructures.com</a> (Please Specify with Code)