

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

SPECIFICATIONS

Pole - The pole shaft is extruded from 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 - An optional covered handhole with hardware and grounding provision are available upon request.

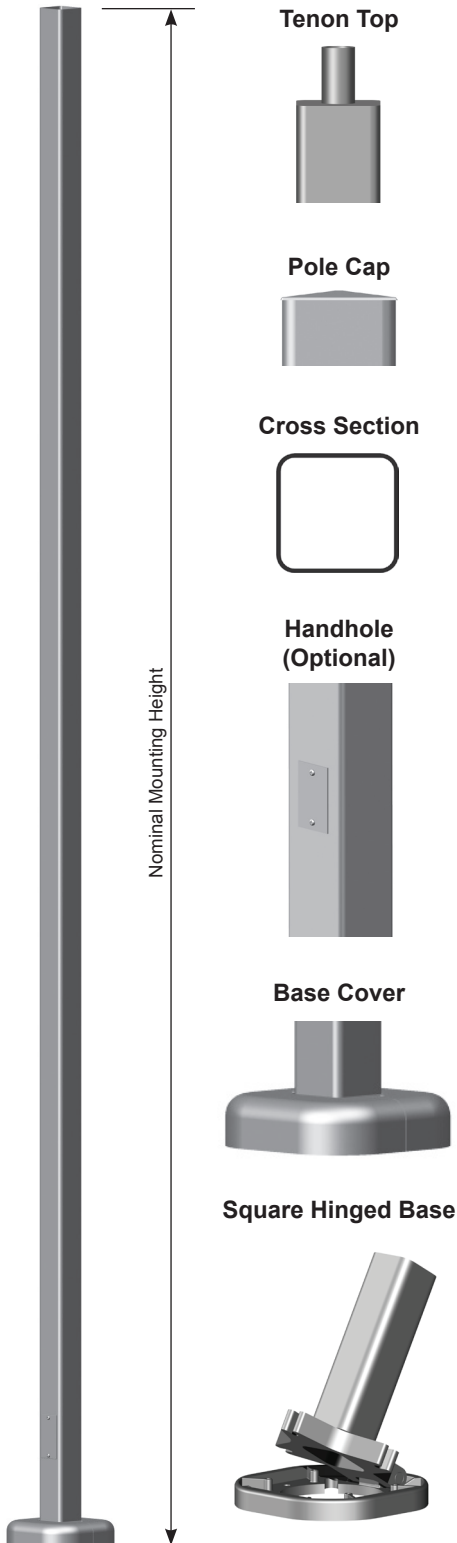
Base Cover - Optional decorative base covers available as special order.

Anchor Base - The hinged anchor base is cast from 356 alloy aluminum. The completed assembly is heat-treated to a T6 temper. Aluminum 2-piece cover is 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.

Design Criteria - Please reference Design Criteria Specification for appropriate design conditions.

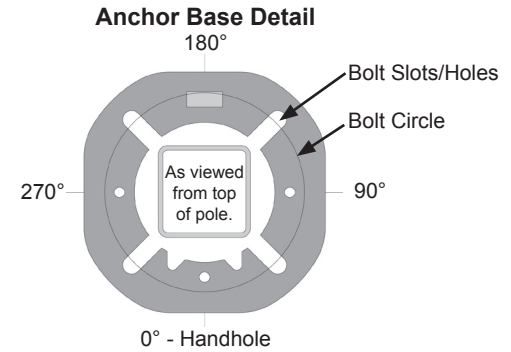


8' to 20' SOFT SQUARE NON-TAPERED ALUMINUM Hinged Base

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ANCHORAGE DATA

POLE BASE SQUARE OD (IN)	WALL THK (GA)	BASE PLATE BOLT CIRCLE		SQUARE (IN)	THK (IN)	ANCHOR BOLTS		
		DIA (IN)	± (IN)			DIA X LENGTH X HOOK (IN)	PROJECTION (IN)	+/- (IN)
4.00	0.125	9.25	0.75	11.69	0.880	0.75 x 17.00 x 3.00	3.5	N/A
4.00	0.188	9.25	0.75	11.69	0.880	0.75 x 17.00 x 3.00	3.5	N/A
5.00	0.188	9.66	0.34	11.69	0.880	0.75 x 17.00 x 3.00	3.5	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		POLE HEIGHT	BASE SQUARE OD (IN)	TOP SQUARE OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT¹ (LBS)	MODEL NUMBER
	MAX EPA¹ (SQ FT)	MAX WEIGHT (LBS)	MAX EPA¹ (SQ FT)	MAX WEIGHT (LBS)	MAX EPA¹ (SQ FT)	MAX WEIGHT (LBS)	MAX EPA¹ (SQ FT)	MAX WEIGHT (LBS)	MAX EPA¹ (SQ FT)	MAX WEIGHT (LBS)						
8'-0"	24.3	50	18.2	50	14.0	50	10.9	50	8.7	50	8'-0"	4.00	4.00	0.125	24	080040404YH
10'-0"	18.9	50	13.9	50	10.5	50	8.0	50	6.2	50	10'-0"	4.00	4.00	0.125	28	100040404YH
12'-0"	14.7	50	10.6	50	7.7	50	5.7	50	4.2	50	12'-0"	4.00	4.00	0.125	33	120040404YH
14'-0"	11.9	50	8.3	50	5.8	50	4.1	50	2.8	50	14'-0"	4.00	4.00	0.125	37	140040404YH
15'-0"	8.3	50	5.7	50	3.8	50	2.6	50	1.6	50	15'-0"	4.00	4.00	0.125	39	150040404YH
16'-0"	7.3	50	4.8	50	3.1	50	1.9	50	1.0	50	16'-0"	4.00	4.00	0.125	42	160040404YH
	12.3	50	8.6	50	6.1	50	4.3	50	3.0	50	16'-0"	4.00	4.00	0.188	59	160040406YH
18'-0"	5.9	75	3.6	75	2.1	75	N/A	75	N/A	75	18'-0"	4.00	4.00	0.125	46	180040404YH
	10.1	75	6.8	75	4.6	75	3.0	75	1.8	75	18'-0"	4.00	4.00	0.188	66	180040406YH
	18.0	75	12.7	75	9.0	75	6.4	75	4.4	75	18'-0"	5.00	5.00	0.188	85	180050506YH
20'-0"	8.1	75	5.2	75	3.1	75	1.7	75	N/A	75	20'-0"	4.00	4.00	0.188	73	200040406YH
	15.4	75	10.5	75	7.1	75	4.7	75	2.9	75	20'-0"	5.00	5.00	0.188	93	200050506YH

- 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.

CAUTION: Raising or lowering of the pole requires adequate preparation. Do not underestimate the force required to raise or lower poles with heavy luminaires at the top.

PRODUCT ORDERING CODES

CROSS SECTION	MODEL NUMBER	FIXTURE MOUNTING	COLOR	OPTIONS
R				
S = Square	080040404YH 100040404YH 120040404YH 140040404YH 150040404YH 160040404YH 160040406YH 180040404YH 180040406YH 180050506YH 200040406YH 200050506YH	Drill Mounting D1 = 1 Luminaire D2 = 2 @ 180° D3 = 3 @ 120° D4 = 4 @ 90° D5 = 2 @ 90° D6 = 3 @ 90° Tenon Mounting 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)	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)