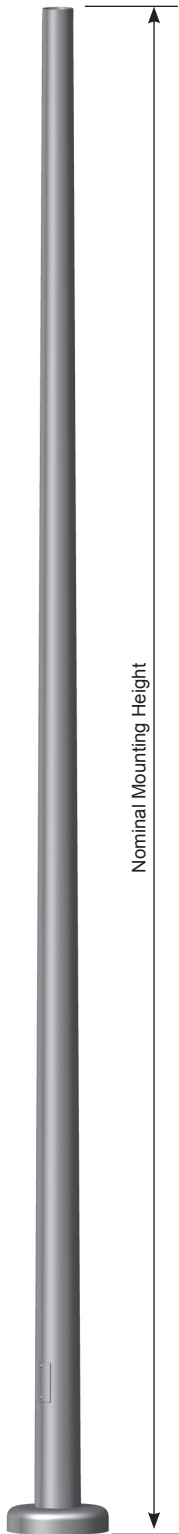


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____

SPECIFICATIONS



Tenon Top



Cross Section



Handhole (Optional)



Base Cover



Round Hinged Base



Pole - The pole shaft is spun from seamless 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.

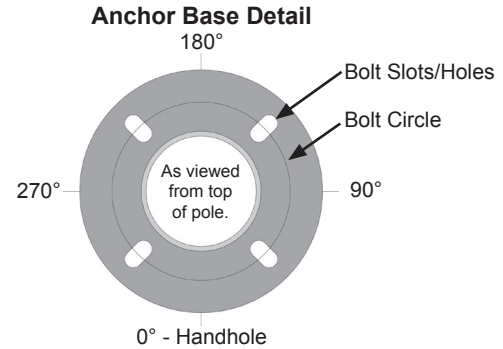
8' to 20' ROUND TAPERED ALUMINUM Hinged Base



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		DIA (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
		DIA (IN)	± (IN)						
4.00	0.125	9.25	0.75	12.63	0.750	0.75 x 17.00 x 3.00	3.50	N/A	
5.00	0.125	9.25	0.75	12.63	0.750	0.75 x 17.00 x 3.00	3.50	N/A	
5.00	0.156	9.25	0.75	12.63	0.750	0.75 x 17.00 x 3.00	3.50	N/A	
5.00	0.188	9.25	0.75	12.63	0.750	0.75 x 17.00 x 3.00	3.50	N/A	
6.00	0.156	9.25	0.75	12.63	0.750	0.75 x 17.00 x 3.00	3.50	N/A	
6.00	0.188	9.25	0.75	12.63	0.750	0.75 x 17.00 x 3.00	3.50	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 OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT2 (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"	11.4	50	8.5	50	6.6	50	5.2	50	4.1	50	7'-8"	4.00	3.00	0.125	17	070830404TH
10'-0"	8.8	50	6.4	50	4.8	50	3.7	50	2.9	50	9'-8"	4.00	3.00	0.125	20	090830404TH
	16.5	50	12.3	50	9.5	50	7.5	50	6.1	50	9'-8"	5.00	3.00	0.125	24	090830504TH
12'-0"	6.8	50	4.9	50	3.5	50	2.6	50	1.9	50	11'-8"	4.00	3.00	0.125	23	110830404TH
	13.4	50	9.9	50	7.5	50	5.8	50	4.6	50	11'-8"	5.00	3.00	0.125	26	110830504TH
	16.7	50	12.4	50	9.5	50	7.5	50	6.0	50	11'-8"	5.00	3.00	0.156	31	110830505TH
	20.1	50	15.0	50	11.5	50	9.1	50	7.3	50	11'-8"	5.00	3.00	0.188	36	110830506TH
14'-0"	5.3	50	3.6	50	2.5	50	1.7	50	1.1	50	13'-8"	4.00	3.00	0.125	27	130830404TH
	10.8	50	7.9	50	5.8	50	4.5	50	3.5	50	13'-8"	5.00	3.00	0.125	31	130830504TH
	13.7	50	10.1	50	7.6	50	5.9	50	4.6	50	13'-8"	5.00	3.00	0.156	37	130830505TH
	16.6	50	12.3	50	9.3	50	7.3	50	5.8	50	13'-8"	5.00	3.00	0.188	43	130830506TH
16'-0"	3.9	50	2.5	50	1.5	50	0.9	50	0.5	50	15'-8"	4.00	3.00	0.125	30	150830404TH
	8.5	50	6.0	50	4.4	50	3.2	50	2.4	50	15'-8"	5.00	3.00	0.125	35	150830504TH
	11.0	50	7.9	50	5.8	50	4.4	50	3.4	50	15'-8"	5.00	3.00	0.156	42	150830505TH
	13.3	75	9.7	75	7.3	75	5.6	75	4.4	75	15'-8"	5.00	3.00	0.188	50	150830506TH
	18.9	75	14.0	75	10.8	75	8.6	75	7.0	75	15'-8"	6.00	4.00	0.156	53	150840605TH
	22.9	75	17.1	75	13.2	75	10.5	75	8.6	75	15'-8"	6.00	4.00	0.188	62	150840606TH
18'-0"	6.7	50	4.5	50	3.2	50	2.2	50	1.6	50	17'-8"	5.00	3.00	0.125	40	170830504TH
	8.7	75	6.1	75	4.4	75	3.2	75	2.4	75	17'-8"	5.00	3.00	0.156	48	170830505TH
	10.8	75	7.7	75	5.6	75	4.2	75	3.3	75	17'-8"	5.00	3.00	0.188	56	170830506TH
	15.5	75	11.4	75	8.6	75	6.8	75	5.5	75	17'-8"	6.00	4.00	0.156	59	170840605TH
20'-0"	19.0	75	14.0	75	10.8	75	8.5	75	6.9	75	17'-8"	6.00	4.00	0.188	70	170840606TH
	5.2	75	3.4	75	2.2	75	1.4	75	0.8	75	19'-8"	5.00	3.00	0.125	42	190830504TH
	7.1	75	4.8	75	3.3	75	2.3	75	1.6	75	19'-8"	5.00	3.00	0.156	51	190830505TH
	8.9	75	6.2	75	4.4	75	3.1	75	2.3	75	19'-8"	5.00	3.00	0.188	60	190830506TH
	12.8	75	9.2	75	6.9	75	5.3	75	4.3	75	19'-8"	6.00	4.00	0.156	63	190840605TH
	15.8	75	11.5	75	8.7	75	6.8	75	5.5	75	19'-8"	6.00	4.00	0.188	74	190840606TH

- 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 R = Round	070830404TH 090830404TH 090830504TH 110830404TH 110830504TH 110830505TH 110830506TH 130830404TH 130830504TH 130830505TH 130830506TH 150830404TH 150830504TH 150830505TH 150830506TH 150840605TH	150840606TH 170830504TH 170830505TH 170830506TH 170840605TH 170840606TH 190830504TH 190830505TH 190830506TH 190840605TH 190840606TH 190840607TH 190840608TH 190840609TH 190840610TH 190840611TH 190840612TH 190840613TH 190840614TH 190840615TH 190840616TH 190840617TH 190840618TH 190840619TH 190840620TH 190840621TH 190840622TH 190840623TH 190840624TH 190840625TH 190840626TH 190840627TH 190840628TH 190840629TH 190840630TH 190840631TH 190840632TH 190840633TH 190840634TH 190840635TH 190840636TH 190840637TH 190840638TH 190840639TH 190840640TH 190840641TH 190840642TH 190840643TH 190840644TH 190840645TH 190840646TH 190840647TH 190840648TH 190840649TH 190840650TH 190840651TH 190840652TH 190840653TH 190840654TH 190840655TH 190840656TH 190840657TH 190840658TH 190840659TH 190840660TH 190840661TH 190840662TH 190840663TH 190840664TH 190840665TH 190840666TH 190840667TH 190840668TH 190840669TH 190840670TH 190840671TH 190840672TH 190840673TH 190840674TH 190840675TH 190840676TH 190840677TH 190840678TH 190840679TH 190840680TH 190840681TH 190840682TH 190840683TH 190840684TH 190840685TH 190840686TH 190840687TH 190840688TH 190840689TH 190840690TH 190840691TH 190840692TH 190840693TH 190840694TH 190840695TH 190840696TH 190840697TH 190840698TH 190840699TH 190840700TH	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)