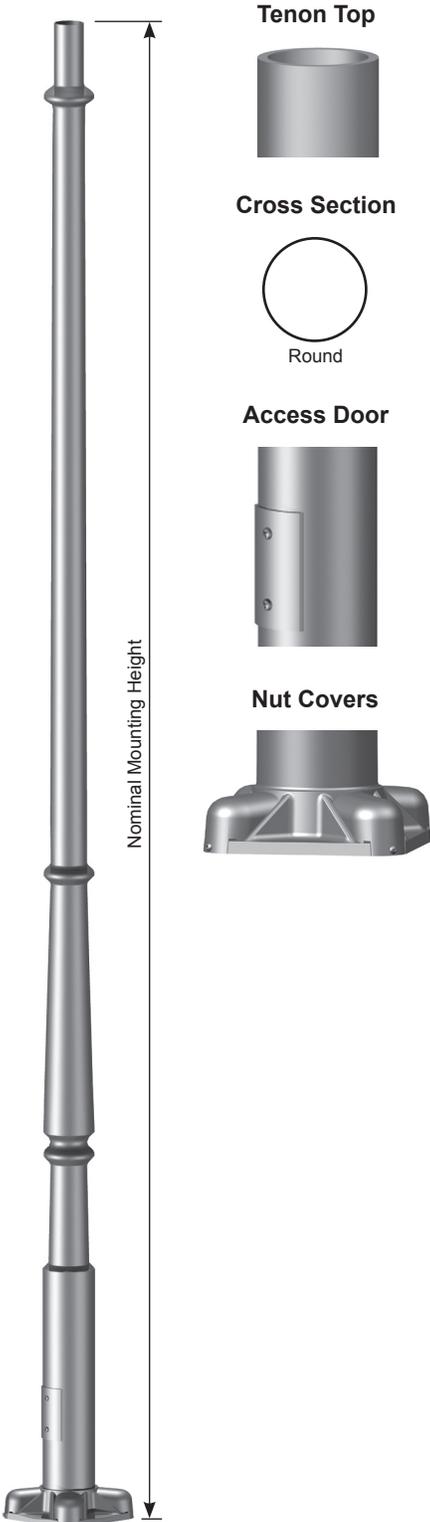


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____

SPECIFICATIONS



Pole - The digitally controlled pole shaft is spun from seamless 6063 alloy aluminum. Custom shapes are available upon request.

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

Handhole - A covered handhole and grounding provision with hardware is 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.

Finish - The standard finish for the pole assembly and components is 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.

ROUND TAPERED ALUMINUM-SHAPES Columbus



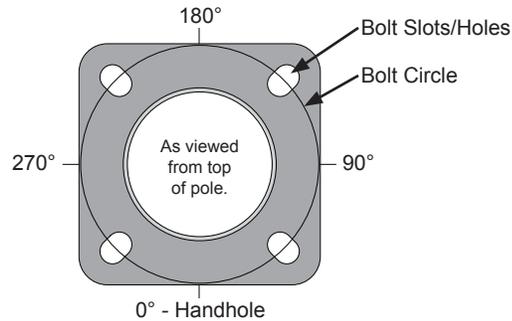
STRUCTURES

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

ANCHORAGE DATA

STRUCTURAL BASE				ANCHOR BOLTS		
BOLT CIRCLE		SQUARE (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
DIA (IN)	± (IN)					
8.63	0.88	9.61	0.625	0.75 x 17.00 x 3.00	3.25	N/A

Anchor Base Detail



LOAD AND DIMENSIONAL DATA

NOMINAL MOUNTING HEIGHT	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		BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT ² (LBS)	
	MAX EPA ¹ (SQ.FT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQ.FT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQ.FT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQ.FT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQ.FT)	MAX WEIGHT ¹ (LBS)					
7'-8"	17.6	150	13.4	150	10.6	150	8.4	150	6.9	150	5.00	2.88	0.125	25	070829504H4C
	25.3	150	19.3	150	15.2	150	12.2	150	10.0	150	5.00	2.88	0.188	32	070829506H4C
9'-8"	14.5	150	10.9	150	8.6	150	6.8	150	5.5	150	5.00	2.88	0.125	29	090829504H4C
	20.8	150	15.9	150	12.5	150	10.0	150	8.2	150	5.00	2.88	0.188	38	090829506H4C
11'-8"	12.1	150	9.2	150	7.1	150	5.6	150	4.5	150	5.00	2.88	0.125	32	110829504H4C
	17.5	150	13.3	150	10.4	150	8.4	150	6.7	150	5.00	2.88	0.188	43	110829506H4C
13'-8"	10.0	150	7.3	150	5.4	150	4.1	150	3.2	150	5.00	2.88	0.125	36	130829504H4C
	15.1	150	11.3	150	8.7	150	6.7	150	5.3	150	5.00	2.88	0.188	48	130829506H4C
15'-8"	7.8	150	5.5	150	4.0	150	2.9	150	2.1	150	5.00	2.88	0.125	39	150829504H4C
	12.2	150	9.1	150	6.7	150	5.2	150	4.0	150	5.00	2.88	0.188	53	150829506H4C
17'-8"	6.0	150	4.1	150	2.8	150	1.9	150	1.2	150	5.00	2.88	0.125	43	170829504H4C
	9.6	150	7.1	150	5.2	150	3.8	150	2.8	150	5.00	2.88	0.188	57	170829506H4C

1. Maximum EPA (Effective Projected Area) and weight values are based on top mounted luminaires and/or brackets having a centroid 3'-0" above and 2'-0" eccentric to the pole top at Nominal Mounting Height. 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.
2. Structure Weight is a nominal value which includes the pole shaft and structural base.

PRODUCT ORDERING CODES

DESIGN SERIES	CROSS SECTION	MODEL NUMBER	FIXTURE MOUNTING	COLOR	OPTIONS
7F01A	R				
	R=Round	070829504H4C 070829506H4C 090829504H4C 090829506H4C 110829504H4C 110829506H4C 130829504H4C 130829506H4C 150829504H4C 150829506H4C 170829504H4C 170829506H4C	Tenon Mounting P2 = 2.38" 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)	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)	See Accessories at valmontstructures.com (Please Specify)

SPC7302 12/10 valmontstructures.com carries the most current spec information and supersedes these guidelines.