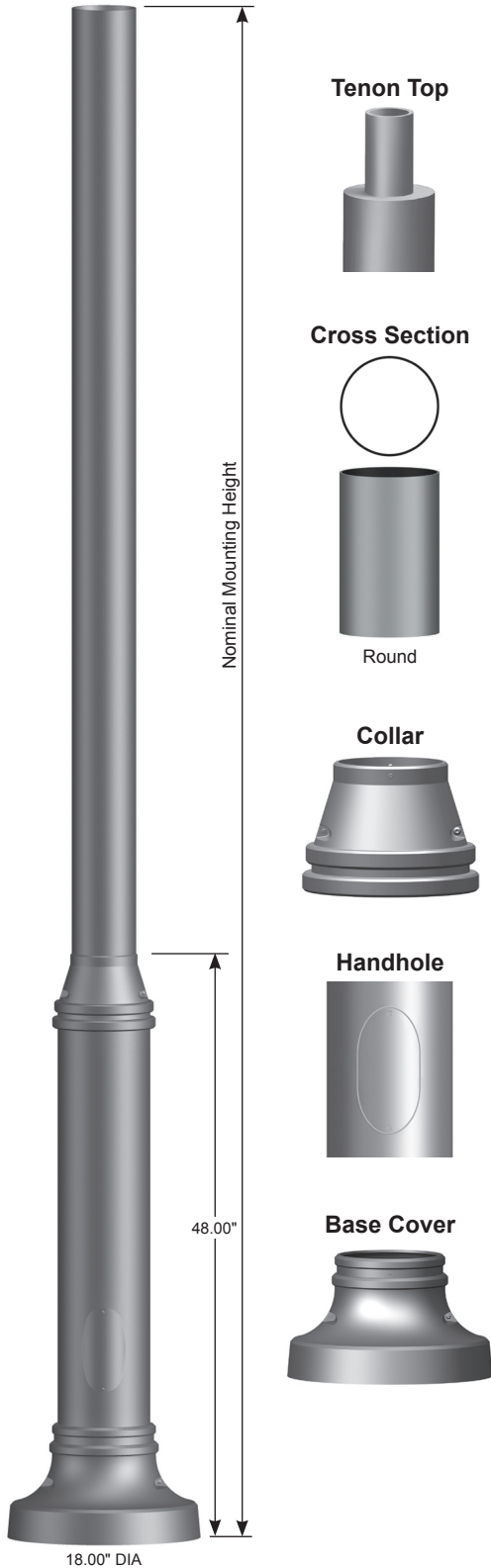


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: 7A02AR -- Quote: _____	Customer Approval: _____ Date: _____

SPECIFICATIONS



Post - The post shaft is spun from seamless 6000 series alloy aluminum.

Post Top - A post top plate and tenon can be provided for top mount luminaire and/or bracket. A removable post cap is provided for posts receiving drilling patterns for side-mount luminaire arm assemblies.

Collar - Clamshell design made from high quality aluminum casting.

Handhole - A covered handhole and grounding provision are provided.

Base Cover - Clamshell design made from high quality aluminum casting.

Anchor Base - The anchor base is cast from 356 alloy aluminum. The completed assembly is heat-treated to a T6 temper after the structural welding is completed.

Anchor Bolts - Anchor bolts conform to ASTM F1554 Grade 55 and are provided with one hex nut, one leveling shim, and one flat washer. 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 post assembly and components is polyester powder applied coating in accordance with Valmont Industries' Specifications. Additional finish options available upon request.

DORCHESTER

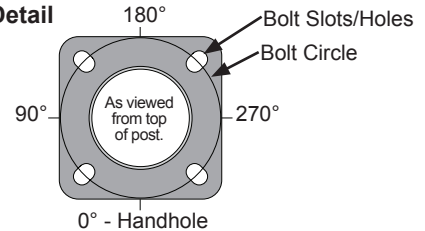
8" Round Non-Tapered Aluminum Post

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: <u>7A02AR</u> -- Quote: _____	Customer Approval: _____ Date: _____

ANCHORAGE DATA

ANCHOR BASE				ANCHOR BOLTS			
BOLT CIRCLE		SQUARE (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)	
DIA (IN)	± (IN)						
11.50	0.50	12.05	0.75	1.00 x 36.00 x 4.00	4.13	N/A	

Anchor Base Detail



LOAD AND DIMENSIONAL DATA

NOMINAL MOUNTING HEIGHT	DESIGN INFORMATION						POST DIMENSIONS				MODEL NUMBER
	80 MPH w/1.3 GUST ¹		90 MPH w/1.3 GUST ¹		100 MPH w/1.3 GUST ¹		BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT ³ (LBS)	
	MAX EPA ² (SQFT)	MAX WEIGHT ² (LBS)	MAX EPA ² (SQFT)	MAX WEIGHT ² (LBS)	MAX EPA ² (SQFT)	MAX WEIGHT ² (LBS)					
8'-0"	20.0	50	20.0	50	20.0	50	8.00	6.00	0.156	42	080060805JS
10'-0"	20.0	50	20.0	50	20.0	50	8.00	6.00	0.156	48	100060805JS
12'-0"	20.0	50	20.0	50	20.0	50	8.00	6.00	0.156	55	120060805JS
14'-0"	20.0	50	20.0	50	18.9	50	8.00	6.00	0.156	62	140060805JS
	20.0	50	20.0	50	20.0	50	8.00	6.00	0.188	72	140060806JS
16'-0"	20.0	50	18.9	50	15.2	50	8.00	6.00	0.156	68	160060805JS
	20.0	50	20.0	50	18.4	50	8.00	6.00	0.188	80	160060806JS
	20.0	50	20.0	50	20.0	50	8.00	6.00	0.250	102	160060808JS
18'-0"	19.8	50	15.5	50	12.4	50	8.00	6.00	0.156	75	180060805JS
	20.0	50	18.8	50	15.1	50	8.00	6.00	0.188	88	180060806JS
	20.0	50	20.0	50	20.0	50	8.00	6.00	0.250	113	180060808JS
20'-0"	16.4	50	12.8	50	10.2	50	8.00	6.00	0.156	92	200060805JS
	20.0	50	15.7	50	12.5	50	8.00	6.00	0.188	96	200060806JS
	20.0	50	20.0	50	16.9	50	8.00	6.00	0.250	124	200060808JS
25'-0"	10.3	50	7.9	50	6.2	50	8.00	6.00	0.156	99	250060805JS
	13.0	50	10.0	50	7.9	50	8.00	6.00	0.188	117	250060806JS
	18.0	50	13.9	50	11.1	50	8.00	6.00	0.250	150	250060808JS
30'-0"	6.2	50	4.6	50	3.4	50	8.00	6.00	0.156	116	300060805JS
	8.3	50	6.2	50	4.8	50	8.00	6.00	0.188	137	300060806JS
	12.1	50	9.2	50	7.2	50	8.00	6.00	0.250	177	300060808JS

- EPA values are calculated using fastest mile winds.
- Maximum EPA (Effective Projected Area) and weight values are based on top mounted luminaires and/or brackets having a centroid 1'-0" above and 2'-0" eccentric to the post top at Nominal Mounting Height. Variations from sizes above are available upon inquiry at the factory. Satisfactory performance of posts is dependent upon the post being properly attached to a supporting foundation of adequate design.
- Structure Weight is a nominal value which includes the post shaft and anchor base only.

PRODUCT ORDERING CODES

DESIGN SERIES	CROSS SECTION	MODEL NUMBER	FIXTURE MOUNTING	COLOR	OPTIONS
7A02A	R				
	Round	080060805JS 160060808JS 080060806JS 180060805JS 080060808JS 180060806JS 100060805JS 180060808JS 100060806JS 200060805JS 100060808JS 200060806JS 120060805JS 200060808JS 120060806JS 250060805JS 120060808JS 250060806JS 140060805JS 250060808JS 140060806JS 300060805JS 140060808JS 300060806JS 160060805JS 300060808JS 160060806JS	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)	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)	See Decorative Accessories or Decorative Arms - Aluminum at valmontstructures.com (Please Specify)