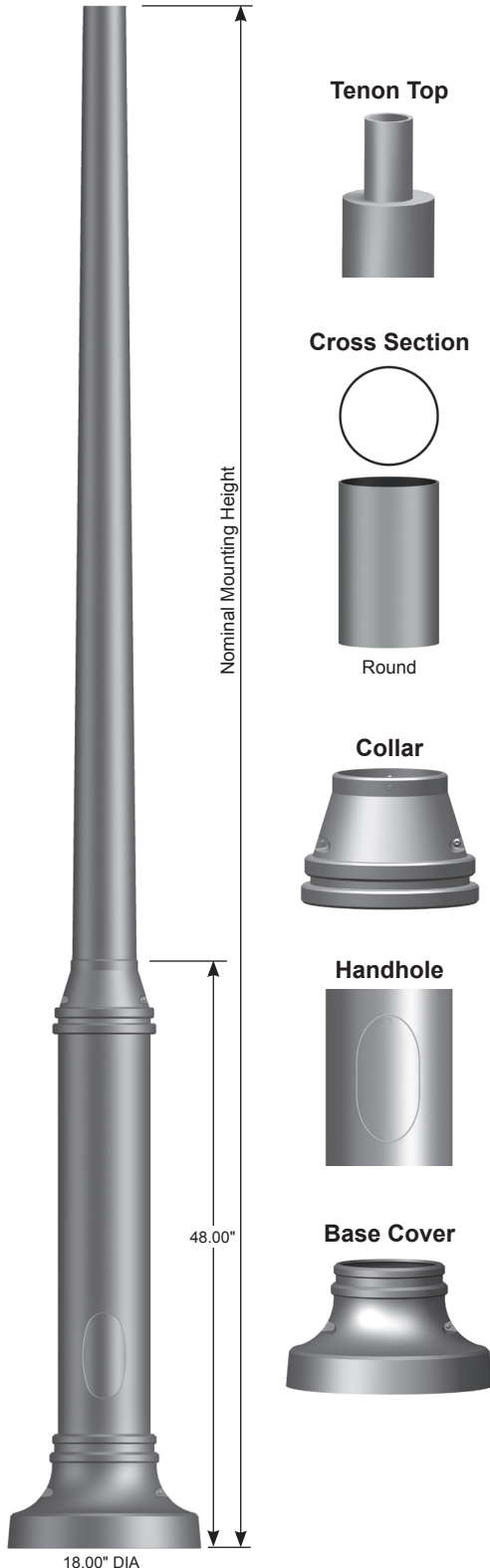


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: 7A02AR -- Quote: _____	Customer Approval: _____ Date: _____

SPECIFICATIONS



Tenon Top

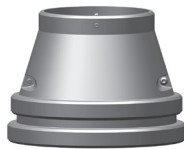


Cross Section



Round

Collar



Handhole



Base Cover



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

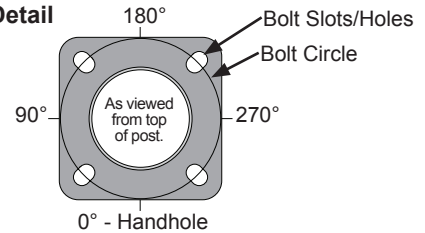
8" Round Tapered Aluminum Post

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: 7A02AR -- 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)					
11.63	0.38	12.05	0.75	1.00 x 36.00 x 4.00	2.38	N/A

Anchor Base Detail



LOAD AND DIMENSIONAL DATA

NOMINAL MOUNTING HEIGHT	DESIGN INFORMATION						POST DIMENSIONS				MODEL NUMBER
	80 MPH w/1.3 GUST		90 MPH w/1.3 GUST		100 MPH w/1.3 GUST		BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT ² (LBS)	
	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)					
8'-0"	20.0	50	20.0	50	20.0	50	8.00	4.00	0.156	39	080040805JT
10'-0"	20.0	50	20.0	50	20.0	50	8.00	4.00	0.156	45	100040805JT
12'-0"	20.0	50	20.0	50	20.0	50	8.00	4.00	0.156	50	120040805JT
14'-0"	20.0	50	20.0	50	18.8	50	8.00	4.00	0.156	56	140040805JT
	20.0	50	20.0	50	20.0	50	8.00	4.00	0.188	61	140040806JT
16'-0"	20.0	50	18.8	50	15.1	50	8.00	4.00	0.156	62	160040805JT
	20.0	50	20.0	50	18.3	50	8.00	4.00	0.188	72	160040806JT
	20.0	50	20.0	50	20.0	50	8.00	4.00	0.250	91	160040808JT
18'-0"	19.8	50	15.3	50	12.2	50	8.00	4.00	0.156	67	180040805JT
	20.0	50	18.7	50	15.0	50	8.00	4.00	0.188	79	180040806JT
	20.0	50	20.0	50	20.0	50	8.00	4.00	0.250	100	180040808JT
20'-0"	16.4	50	12.6	50	9.9	50	8.00	4.00	0.156	73	200040805JT
	20.0	50	15.5	50	12.3	50	8.00	4.00	0.188	85	200040806JT
	20.0	50	20.0	50	16.7	50	8.00	4.00	0.250	109	200040808JT
25'-0"	10.3	50	7.7	50	5.9	50	8.00	4.00	0.156	87	250040805JT
	13.0	50	9.8	50	7.6	50	8.00	4.00	0.188	102	250040806JT
	18.0	50	13.7	50	10.8	50	8.00	4.00	0.250	131	250040808JT
30'-0"	6.2	50	4.3	50	3.1	50	8.00	4.00	0.156	101	300040805JT
	8.3	50	5.9	50	4.5	50	8.00	4.00	0.188	119	300040806JT
	12.1	50	8.9	50	6.9	50	8.00	4.00	0.250	153	300040808JT

- 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	080040805JT 100040805JT 120040805JT 140040805JT 140040806JT 160040805JT 160040806JT 160040808JT 180040805JT 180040806JT 180040808JT 200040805JT 200040806JT 200040808JT	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)