

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: 7C02AR -- 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.

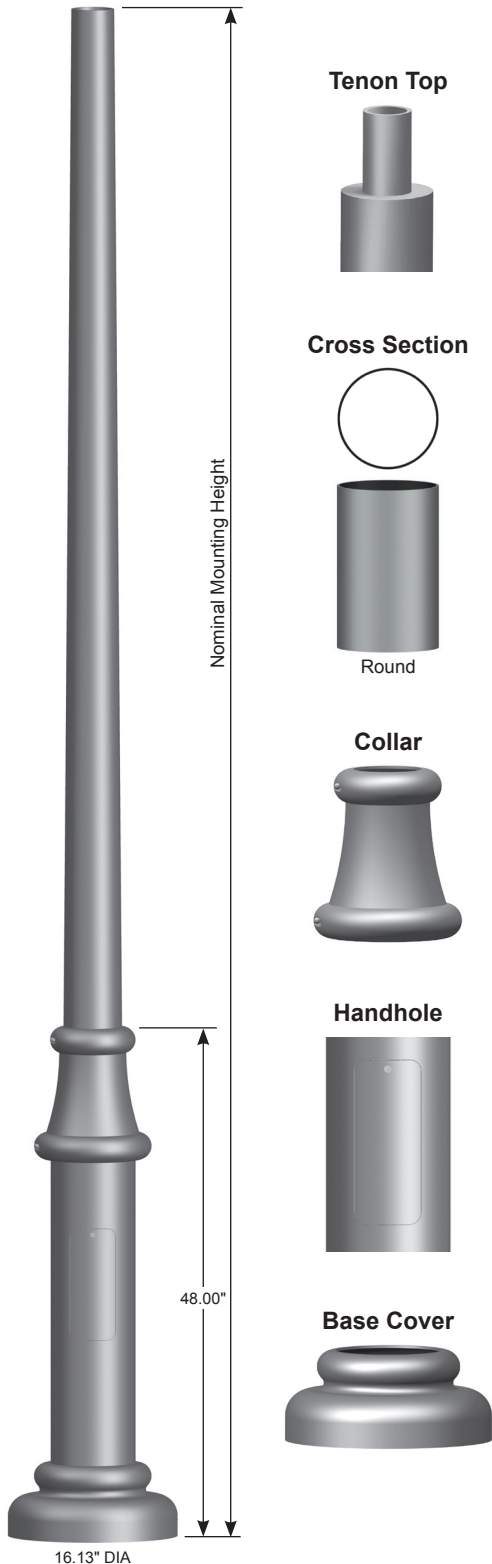
Handhole - A covered handhole and grounding provision are provided.

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 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 post assembly and components is polyester powder applied coating in accordance with Valmont Industries' Specifications. Additional finish options available upon request.



Tenon Top



Cross Section



Collar



Handhole



Base Cover



FREEPORT Round Tapered Aluminum Post

valmont 

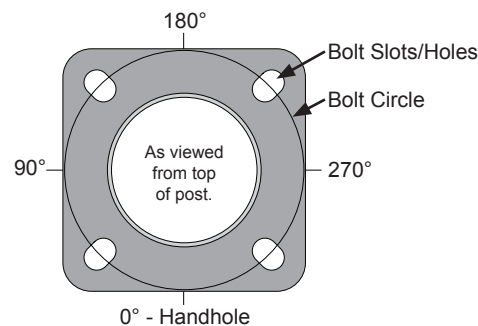
STRUCTURES

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ANCHORAGE DATA

POLE NOMINAL MOUNTING HEIGHT	ANCHOR BASE				ANCHOR BOLTS		
	BOLT CIRCLE		SQUARE (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
	DIA (IN)	± (IN)					
12' - 0" to 16' - 0"	12.00	N/A	12.05	0.75	0.75 x 17.00 x 3.00	3.25	N/A
18' - 0" to 30' - 0"	12.00	N/A	12.05	0.75	1.00 x 36.00 x 4.00	3.75	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)					
12' - 0"	17.3	65	13.5	65	10.9	65	8.00	4.00	0.156	49	120040805JM
14' - 0"	14.5	65	11.2	65	9.0	65	8.00	4.00	0.156	54	140040805JM
16' - 0"	12.1	65	9.3	65	7.4	65	8.00	4.00	0.156	59	160040805JM
18' - 0"	10.2	65	7.7	65	6.1	65	8.00	4.00	0.156	64	180040805JM
	12.5	65	9.5	65	7.6	65	8.00	4.00	0.188	71	180040806JM
20' - 0"	8.5	65	6.3	65	4.9	65	8.00	4.00	0.156	69	200040805JM
	14.3	65	10.9	65	8.6	65	8.00	4.00	0.250	102	200040808JM
25' - 0"	6.7	65	4.7	65	3.6	65	8.00	4.00	0.188	92	250040806JM
	9.5	65	7.0	65	5.4	65	8.00	4.00	0.250	121	250040808JM
30' - 0"	6.0	65	4.0	65	2.9	65	8.00	4.00	0.250	141	300040808JM

- 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 3'-0" above and 6'-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
7C02A	Round	120040805JM 140040805JM 160040805JM 180040805JM 180040806JM 200040805JM 200040808JM 250040806JM 250040808JM 300040808JM	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" PA = 3.50" OD x 12.00" 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)