

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: AV10ASR -- Quote: _____	Customer Approval: _____ Date: _____

## SPECIFICATIONS

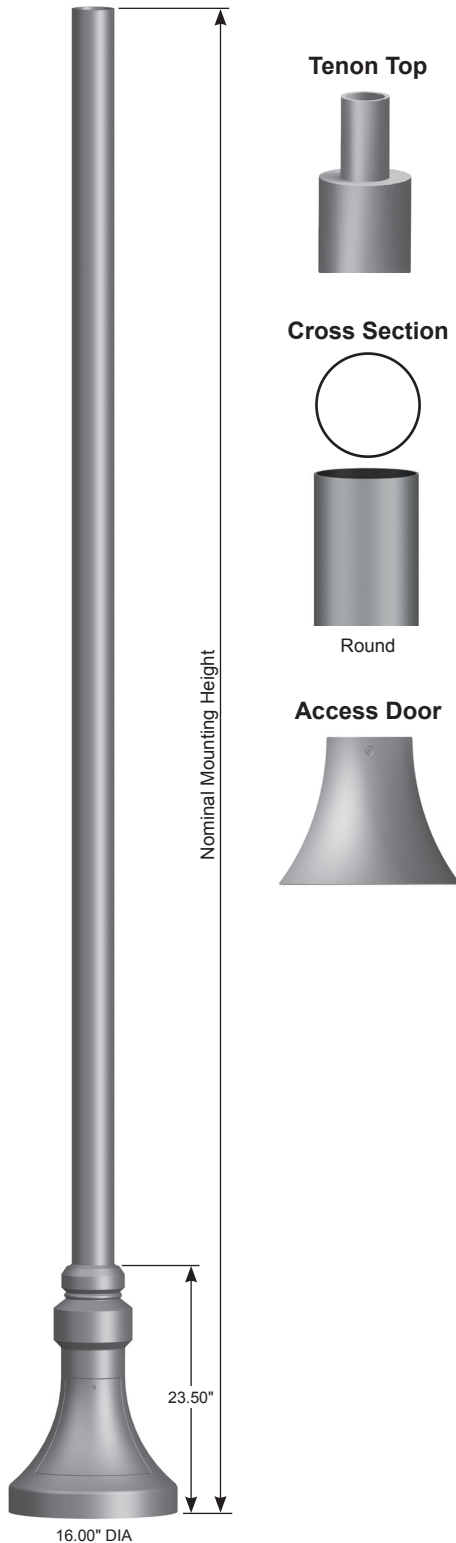
**Post** - The post shaft is extruded from seamless 6000 series alloy aluminum.

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

**Structural Base** - The structural base is cast from 356 alloy aluminum and provided with an access door that is 4.25" wide at the top, 9.38" wide at the base, and 8" tall. A grounding provision is provided. The post shaft is inserted and welded into the structural base casting. The completed assembly is heat-treated to a T6 temper.

**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.

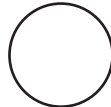
**Finish** - The standard finish for the post assembly and components is polyester powder applied coating in accordance with Valmont Industries' Specifications. Additional finish options available upon request.



**Tenon Top**



**Cross Section**



Round

**Access Door**



# AVENUE 10

## Round Non-Tapered Aluminum Post

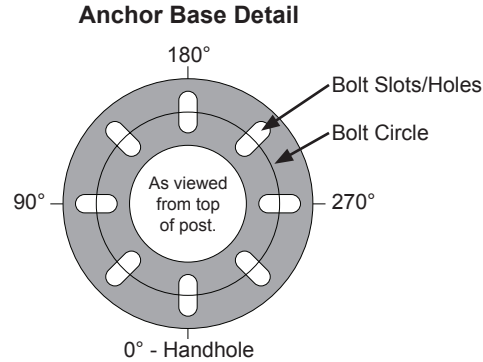
**valmont**   
STRUCTURES

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### ANCHORAGE DATA

STRUCTURAL BASE				ANCHOR BOLTS*		
BOLT CIRCLE		DIA (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
DIA (IN)	± (IN)					
9.00	N/A	16.00	0.860	0.75 x 17.00 x 3.00	3.50	N/A

\*Four anchor bolts required at 90° apart. Base has eight slots for additional orientation.



### LOAD AND DIMENSIONAL DATA

DESIGN INFORMATION							POST DIMENSIONS				MODEL NUMBER
NOMINAL MOUNTING HEIGHT	80 MPH w/1.3 GUST <sup>1</sup>		90 MPH w/1.3 GUST <sup>1</sup>		100 MPH w/1.3 GUST <sup>1</sup>		BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT <sup>3</sup> (LBS)	
	MAX EPA <sup>2</sup> (SQFT)	MAX WEIGHT <sup>2</sup> (LBS)	MAX EPA <sup>2</sup> (SQFT)	MAX WEIGHT <sup>2</sup> (LBS)	MAX EPA <sup>2</sup> (SQFT)	MAX WEIGHT <sup>2</sup> (LBS)					
8'-0"	15.5	65	12.1	65	9.7	65	4.00	4.00	0.188	60	080040406GF
10'-0"	12.6	65	9.8	65	7.8	65	4.00	4.00	0.188	65	100040406GF
12'-0"	10.4	65	7.9	65	6.2	65	4.00	4.00	0.188	70	120040406GF
14'-0"	8.2	65	6.2	65	4.7	65	4.00	4.00	0.188	76	140040406GF
	11.0	65	8.3	65	6.5	65	4.00	4.00	0.250	85	140040408GF
16'-0"	6.5	65	4.7	65	3.6	65	4.00	4.00	0.188	81	160040406GF
	8.9	65	6.6	65	5.1	65	4.00	4.00	0.250	92	160040408GF

- 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 3'-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 structural base.

### PRODUCT ORDERING CODES

DESIGN SERIES	CROSS SECTION	MODEL NUMBER	FIXTURE MOUNTING	COLOR	OPTIONS
AV10AS	R				
	Round	080040406GF 100040406GF 120040406GF 140040406GF 140040408GF 160040406GF 160040408GF	<b>Drill Mounting</b> D1 = 1 Luminaire D2 = 2 @ 180° D3 = 3 @ 120° D4 = 4 @ 90° D5 = 2 @ 90° D6 = 3 @ 90° <b>Tenon Mounting</b> 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)