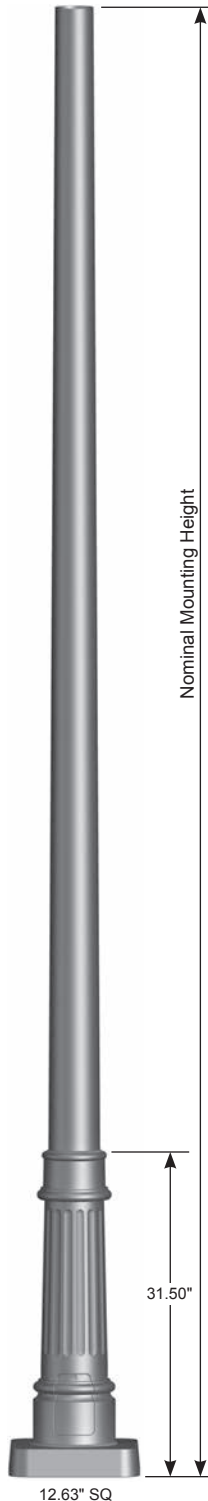


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: SC12ASR -- Quote: _____	Customer Approval: _____ Date: _____

## SPECIFICATIONS



**Tenon Top**



**Cross Section**



**Access Door**



**Post** - The post shaft is either spun or extruded from 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 a 3.00" wide X 5.50" tall access door. 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 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's Specifications. Additional finish options available upon request.

# SACRAMENTO

## Round Tapered/Non-Tapered Aluminum Post

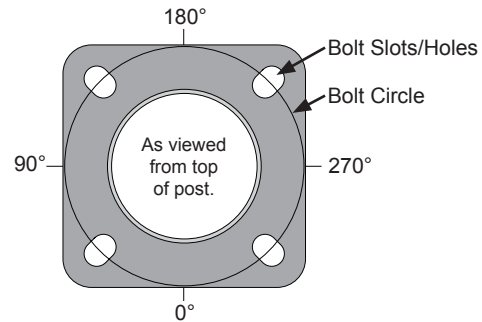
**valmont**   
STRUCTURES

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: SC12ASR -- 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)					
12.50	0.50	12.63	0.625	0.75 x 17.00 x 3.00	3.50	0.25

**Anchor Base Detail**



### 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 LUMINAIRE EPA <sup>2</sup> (SQFT)	MAX LUMINAIRE WEIGHT <sup>2</sup> (LBS)	MAX LUMINAIRE EPA <sup>2</sup> (SQFT)	MAX LUMINAIRE WEIGHT <sup>2</sup> (LBS)	MAX LUMINAIRE EPA <sup>2</sup> (SQFT)	MAX LUMINAIRE WEIGHT <sup>2</sup> (LBS)					
Round Non-Tapered											
8'-0"	12.6	300	9.8	300	7.8	300	4.00	4.00	0.125	51	080040404SZ
10'-0"	9.5	300	7.3	300	5.8	300	4.00	4.00	0.125	55	100040404SZ
12'-0"	7.3	300	5.4	300	4.2	300	4.00	4.00	0.125	59	120040404SZ
	12.7	300	9.9	300	8.0	300	5.00	5.00	0.125	61	120050504SZ
14'-0"	9.8	300	7.6	300	6.1	300	5.00	5.00	0.125	66	140050504SZ
Round Tapered											
8'-0"	20.0	300	16.2	300	13.0	300	5.00	4.00	0.125	51	080040504TZ
10'-0"	16.1	300	12.5	300	10.1	300	5.00	4.00	0.125	55	100040504TZ
12'-0"	12.8	300	9.8	300	7.8	300	5.00	4.00	0.125	59	120040504TZ
14'-0"	9.9	300	7.5	300	5.9	300	5.00	4.00	0.125	63	140040504TZ

- 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 2'-6" above and 1'-6" 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
SC12AS	R					
	Round	Round Non-Tapered	Round Tapered	<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" 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 <a href="http://valmontstructures.com">valmontstructures.com</a> (Please Specify)
		080040404SZ	080040504TZ			
		100040404SZ	100040504TZ			
		120040404SZ	120040504TZ			
		120050504SZ	140040504TZ			
		140050504SZ				