

- 8' to 20' mounting heights.
- Triangular 3-bolt base with spun aluminum collar.
- Luminaires may be mounted on tenons, brackets, or slipfitted on the pole top or shaft may be drilled to manufacturer's mounting specifications.

**SPECIFICATIONS**

All aluminum alloys shall comply with metallurgical and mechanical properties set forth in the Aluminum Association Standards.

**Shaft:** The shaft shall be spun tapered from all new seamless 6063 alloy aluminum tubing and shall be heat treated to produce a T6 temper. Each shaft shall have a 6" long and 3" outside diameter straight section at the top, and shall be cone tapered to the base diameter. The shaft may be drilled to manufacturer's specifications for mounting luminaires. All Valmont shafts shall be polished with fine grain aluminum oxide cloths, resulting in a high quality circumferential satin finish. After finishing, each pole shall be fully wrapped for protection in shipment.

**Anchor Base:** The anchor base is cast from A356 alloy aluminum and is circumferentially welded to the shaft. The completed assembly will be heat treated to T6 temper after all structural welding is completed.

**Ground Leg Provision:** Each pole shall include a 5/16"-18 tapped provision for ground connector.

**Wire Access:** A 1-1/2" diameter wire access hole shall be incorporated in the anchor base casting and shall be completely concealed by the aluminum collar. To comply with the NEC, peripherally reinforced flush covered handholes are available as an accessory on these poles.

**Anchor Bolts:** Each pole shall include: (3) 3/4"-10 x 17" steel hot dip galvanized anchor bolts each with (2) nuts and (2) flat washers.

**Special Finishes:** Natural anodize, duranodic, or painted finishes may be specified as an addition to the satin brushed finish, if required. All aluminum parts and accessories shall receive a finish similar to that specified.

**CATALOG LOGIC**

Feet and Inches	Top Diameter	Base Diameter	Wall Thickness	Shape of Shaft	Base or Mounting	Fixture Mounting	Finishes	Options
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Feet & Inches*	Diameter*	Wall Thickness*	Shape of Shaft	Base or Mounting	Fixture Mounting	Finishes	Options
<b>0708</b> - 8'	<b>TOP DIAMETER IN INCHES</b>	<b>THICKNESS IN 32NDS OF AN INCH</b>	<b>T</b> - Tapered Round	<b>3</b> - 3-Bolt Anchor Base	<b>D1</b> - 1@90°	<b>POLYESTER POWDER</b>	See Accessory Section (Please Specify with Code #)
<b>0908</b> - 10'	<b>30</b> - 3"	<b>4</b> - 4/32" or 0.125" Wall			<b>D2</b> - 2@180°	<b>DBL</b> - Black	<b>DBR</b> - Bright Red
<b>1108</b> - 12'	<b>BASE DIAMETER* IN INCHES</b>	<b>5</b> - 5/32" or 0.156" Wall			<b>D3</b> - 3@120°	<b>DCG</b> - Charcoal Gray	<b>DDB</b> - Dark Bronze
<b>1308</b> - 14'			<b>40</b> - 4"	<b>D4</b> - 4@90°	<b>D5</b> - 2@90°	<b>DNA</b> - Natural Alum	<b>DSS</b> - Sandstone
<b>1508</b> - 16'			<b>40</b> - 4"		<b>D6</b> - 3@90°	<b>DTG</b> - Dark Green	<b>DWH</b> - White
<b>1708</b> - 18'			<b>50</b> - 5"			<b>SC</b> - Special Color (Please Specify)	
<b>1908</b> - 20'						<b>P2</b> - 2-3/8" x 4 Tenon	<b>ANODIZED</b>
					<b>P9</b> - Other Tenon (Please Specify)	<b>204</b> - Clear Natural	<b>312</b> - Med Bronze*
						<b>313</b> - Dark Bronze*	<b>335</b> - Black* *Duranodic Anodize
						<b>BRUSHED</b>	
						<b>SBF</b> - Satin Brushed Finish	

\* For available Base Diameter, Wall Thickness and Length Combinations, see Dimensional Load Data Table that follows.

Customer Approval:

signature

date

Job Name: \_\_\_\_\_ Quote: \_\_\_\_\_

Client Name: \_\_\_\_\_

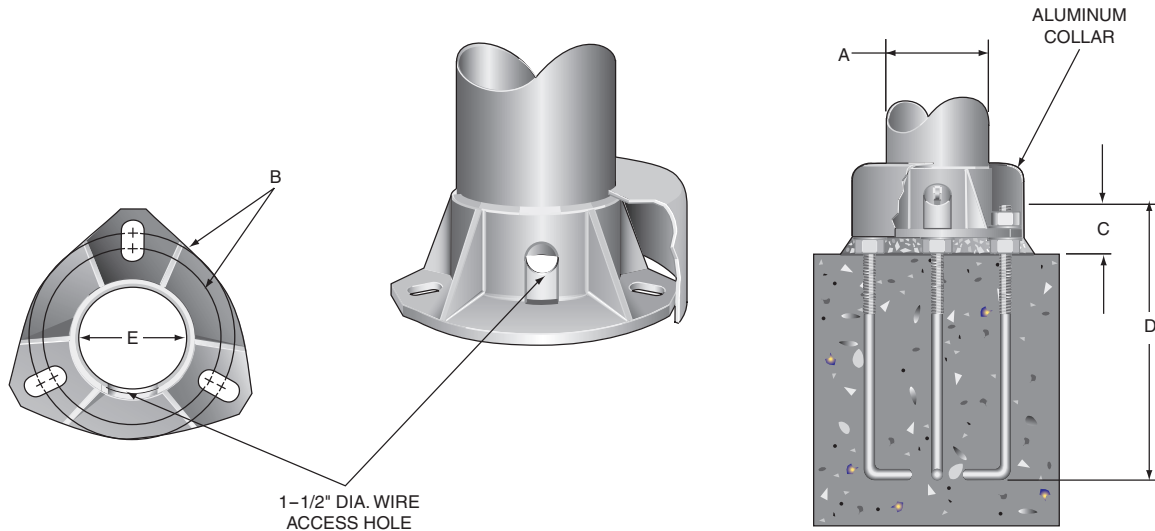
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# 8' TO 20' ROUND TAPERED TRIANGULAR ANCHOR BASE POLES

## ANCHOR BASE AND BOLT DETAIL

## DIMENSIONS OF SPUN COLLAR

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>OUTSIDE DIAMETER</b>	<b>HEIGHT</b>
<b>POLE DIAMETER</b>	<b>BOLT CIRCLE</b>	<b>BOLT PROJECTION</b>	<b>BOLT SIZE</b>	<b>CONDUIT OPENING</b>		
4"	6-5/16"-7-3/8"	3-1/4"	3/4" x 17"	3-3/4"	9-1/4"	5-1/2"
5"	7-3/8"-8-1/2"	3-1/4"	3/4" x 17"	4-1/2"	10-1/4"	5-1/2"



## DIMENSIONAL AND LOAD DATA

TYPICAL WEIGHT AND ALLOWABLE SIZE OF LUMINAIRES*							DIMENSIONS OF POLES				
NOMINAL MOUNTING HEIGHT	TYPICAL LUMINAIRE WEIGHT (LBS.)	EFFECTIVE PROJECTED AREA IN SQUARE FEET AT:					POLE HEIGHT	TOP	BASE	WALL	MODEL NUMBER **
		70 MPH	80 MPH	90 MPH	100 MPH	110 MPH					
8'	75	16.1	12.1	9.3	7.3	5.9	7'8"	3"	4"	.125"	0708 - 30404T3
10'	75	11.9	8.8	6.7	5.2	4.1	9'8"	3"	4"	.125"	0908 - 30404T3
10'	75	19.7	14.7	11.4	9.0	7.3	9'8"	3"	5"	.125"	0908 - 30504T3
12'	75	9.1	6.6	4.8	3.6	2.8	11'8"	3"	4"	.125"	1108 - 30404T3
12'	75	15.5	11.4	8.7	6.8	5.4	11'8"	3"	5"	.125"	1108 - 30504T3
12'	75	19.4	14.4	11.1	8.7	7.0	11'8"	3"	5"	.156"	1108 - 30505T3
12'	150	23.0	17.2	13.3	10.5	8.5	11'8"	3"	5"	.188"	1108 - 30506T3
14'	75	7.0	4.9	3.4	2.4	1.8	13'8"	3"	4"	.125"	1308 - 30404T3
14'	75	12.3	8.9	6.6	5.1	4.0	13'8"	3"	5"	.125"	1308 - 30504T3
14'	75	15.6	11.4	8.6	6.7	5.3	13'8"	3"	5"	.156"	1308 - 30505T3
14'	150	19.2	14.2	10.8	8.5	6.8	13'8"	3"	5"	.188"	1308 - 30506T3
16'	75	5.3	3.5	2.3	1.5	0.9	15'8"	3"	4"	.125"	1508 - 30404T3
16'	75	9.8	6.9	5.0	3.8	2.9	15'8"	3"	5"	.125"	1508 - 30504T3
16'	75	12.6	9.1	6.8	5.2	4.0	15'8"	3"	5"	.156"	1508 - 30505T3
16'	150	15.1	11.0	8.3	6.4	5.1	15'8"	3"	5"	.188"	1508 - 30506T3
18'	150	7.4	5.0	3.5	2.5	1.8	17'8"	3"	5"	.125"	1708 - 30504T3
18'	150	9.9	7.0	5.0	3.7	2.8	17'8"	3"	5"	.156"	1708 - 30505T3
18'	150	12.4	8.8	6.5	4.9	3.8	17'8"	3"	5"	.188"	1708 - 30506T3
20'	150	5.9	3.8	2.5	1.6	1.0	19'8"	3"	5"	.125"	1908 - 30504T3
20'	150	8.1	5.5	3.8	2.6	1.9	19'8"	3"	5"	.156"	1908 - 30505T3
20'	150	10.3	7.2	5.1	3.7	2.8	19'8"	3"	5"	.188"	1908 - 30506T3

\* EPA calculations are based on a 1.3 Gust Factor. Variations from sizes listed above, available upon inquiry at the factory. Satisfactory performance of lighting poles is dependent upon the pole being properly attached to a supporting foundation of adequate design. Valmont does not design or offer recommendations for foundations.

\*\* Model number does not include mounting options or finish designation.

SPC7071 08/07 www.valmontstructures.com carries the most current spec information and supersedes these guidelines.