

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

## SPECIFICATIONS

**Pole** - The pole shaft conforms to ASTM A595 Grade A with a constant linear taper of 0.14 in/ft.

**Pole Top** - A removable pole cap with hardware is provided.

**Luminaire Arm** - Luminaire arms are made from 2" schedule 40 pipe (2.38" OD) with a minimum yield strength of 36,000 psi. Double luminaire arms are oriented 180° apart. For other orientations please consult factory.

**Luminaire Arm Attachment** - Connection allows arm to be erected and held in place by gravity and secured by four bolts.

**Handhole** - A covered handhole and grounding provision with hardware is provided.

**Nut Covers** - Anchor bolt nut covers with hardware are provided.

**Full Base Cover** - Optional two-piece full base cover is fabricated from ABS plastic. Valmont reserves the right to provide an optional two-piece steel full base cover on some applications depending upon the finish requirement and/or pole base diameter.

**Anchor Base** - The anchor base (base plate) conforms to ASTM A36.

**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.

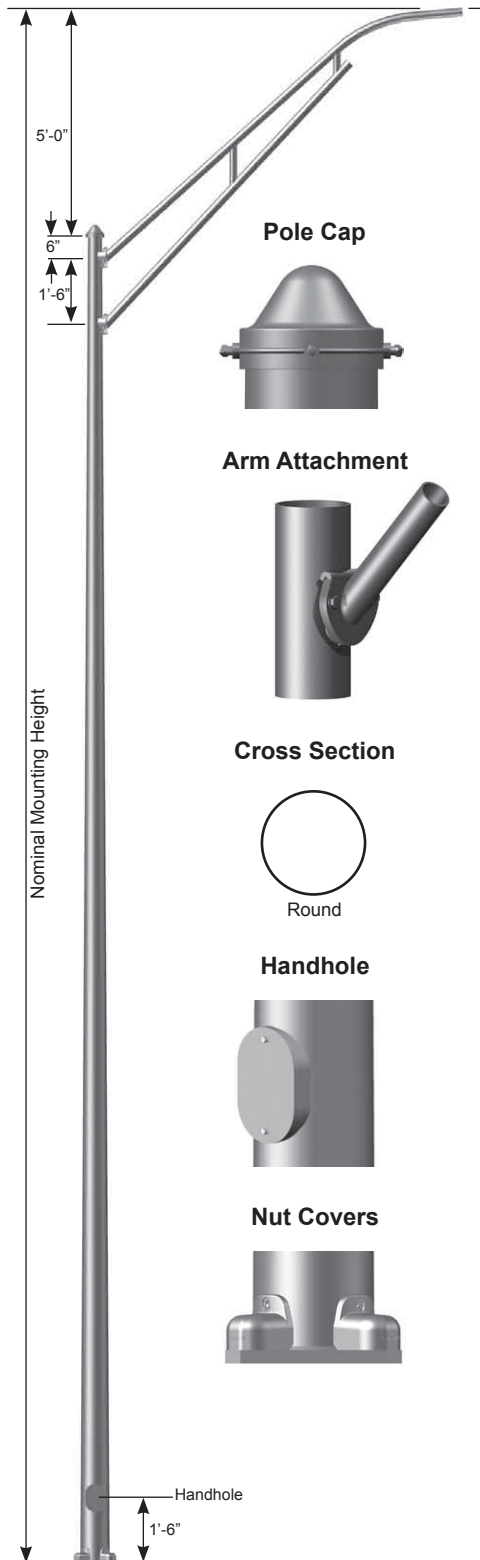
**Hardware** - All structural fasteners are galvanized high strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

**Finish** - Standard finishes are galvanized, prime painted or any of Valmont's V-PRO™ Protection Systems. Additional finish options available upon request.

**Design Criteria** - Please reference Design Criteria Specification for appropriate design conditions.

## ARM DATA

### Double Arm Arrangement



# ROUND TAPERED STEEL

## Smooth

### DS60

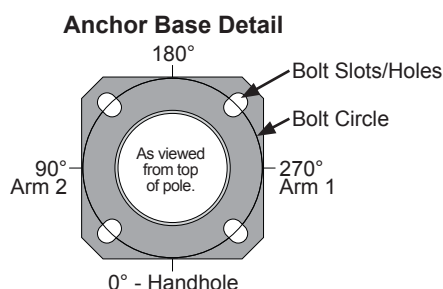
**valmont**

STRUCTURES

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## ANCHORAGE DATA

POLE BASE OD (IN)	BASE PLATE				ANCHOR BOLTS		
	BOLT CIRCLE DIA (IN)	± (IN)	SQUARE (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
6.50	9.50	0.50	10.50	0.875	1.00 x 36.00 x 4.00	4.13	0.25
7.00	10.00	0.50	10.88	0.875	1.00 x 36.00 x 4.00	4.13	0.25
7.50	10.50	0.50	11.25	0.875	1.00 x 36.00 x 4.00	4.13	0.25
8.00	11.00	0.50	11.50	0.875	1.00 x 36.00 x 4.00	4.13	0.25
8.50	11.50	0.50	12.00	1.000	1.00 x 36.00 x 4.00	4.25	0.25



## LOAD AND DIMENSIONAL DATA

DESIGN INFORMATION							POLE DIMENSIONS				
NOMINAL MOUNTING HEIGHT	QUANTITY OF ARMS	MAX ARM LENGTH (FT)	90 MPH w/1.3 GUST		100 MPH w/1.3 GUST		BASE OD (IN)	TOP OD (IN)	WALL THK (GA)	STRUCTURE WEIGHT <sup>2</sup> (LBS)	MODEL NUMBER
			MAX LUMINAIRE EPA <sup>1</sup> (SQFT)	MAX LUMINAIRE WEIGHT <sup>1</sup> (LBS)	MAX LUMINAIRE EPA <sup>1</sup> (SQFT)	MAX LUMINAIRE WEIGHT <sup>1</sup> (LBS)					
25'-0"	Single	12	2.0	75	2.0	75	6.50	3.70	11	280	R650A200
	Single	15	2.0	75	2.0	75	7.00	4.20	11	300	R700A200
	Double	12	2.0	75	2.0	75	6.50	3.70	11	395	R650A200
	Double	15	2.0	75	2.0	75	7.00	4.20	11	415	R700A200
30'-0"	Single	12	2.0	75	2.0	75	7.00	3.50	11	320	R700A250
	Single	15	2.0	75	N/A	N/A	7.50	4.00	11	338	R750A250
	Double	10	2.0	75	2.0	75	7.00	3.50	11	435	R700A250
	Double	12	2.0	75	2.0	75	7.50	4.00	11	455	R750A250
	Double	15	2.0	75	N/A	N/A	8.00	4.50	11	460	R800A250
35'-0"	Single	12	2.0	75	2.0	75	8.00	3.80	11	385	R800A300
	Single	15	2.0	75	N/A	N/A	8.50	4.30	11	410	R850A300
	Double	10	2.0	75	2.0	75	8.00	3.80	11	500	R800A300
	Double	12	2.0	75	2.0	75	8.50	4.30	11	520	R850A300
	Double	15	2.0	75	N/A	N/A	8.50	4.30	11	525	R850A300

- EPA represents the Effective Projected Area of each luminaire. Designs are limited to one luminaire per arm. Variations from sizes above are available upon inquiry at the factory. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.
- Structure Weight is a nominal value which includes the pole shaft, base plate and luminaire arm(s) only.

## PRODUCT ORDERING CODES

DESIGN SERIES	MODEL NUMBER	FIXTURE MOUNTING	FINISH	COLOR	V-PRO™ PROTECTION SYSTEM	OPTIONS
DS60	R650A200 R700A200 R700A250 R750A250 R800A250 R800A300 R850A300	8S = 8' Single 8D = 8' Double 10S = 10' Single 10D = 10' Double 12S = 12' Single 12D = 12' Double 15S = 15' Single 15D = 15' Double	GV = Galvanize PP = Prime Paint FP = Finish Paint GF = Galvanized + Finish Paint	-- = Galvanize -- = Prime Paint WH = White ST = Sandstone BK = Black SM = Silver Metallic SL = Silver LG = Light Gray SG = Slate Gray DT = Dark Tan MB = Medium Bronze CB = Bronze DB = Dark Bronze BN = Brown HG = Hunter Green DG = Dark Green RD = Red SC = Special Color (Contact Factory)	-- = Galvanize -- = Prime Paint V1 = V-PRO 1 Basic 1 Coat Powder. V2 = V-PRO 2 2 Coat Powder or Liquid. Includes epoxy primer & top coat. V3 = V-PRO 3 2 Coat Powder or Liquid. Includes zinc primer & top coat. V4 = V-PRO 4 2 Coat Powder or Liquid. Includes zinc primer & premium top coat.	See Accessories at valmontstructures.com (Please Specify)