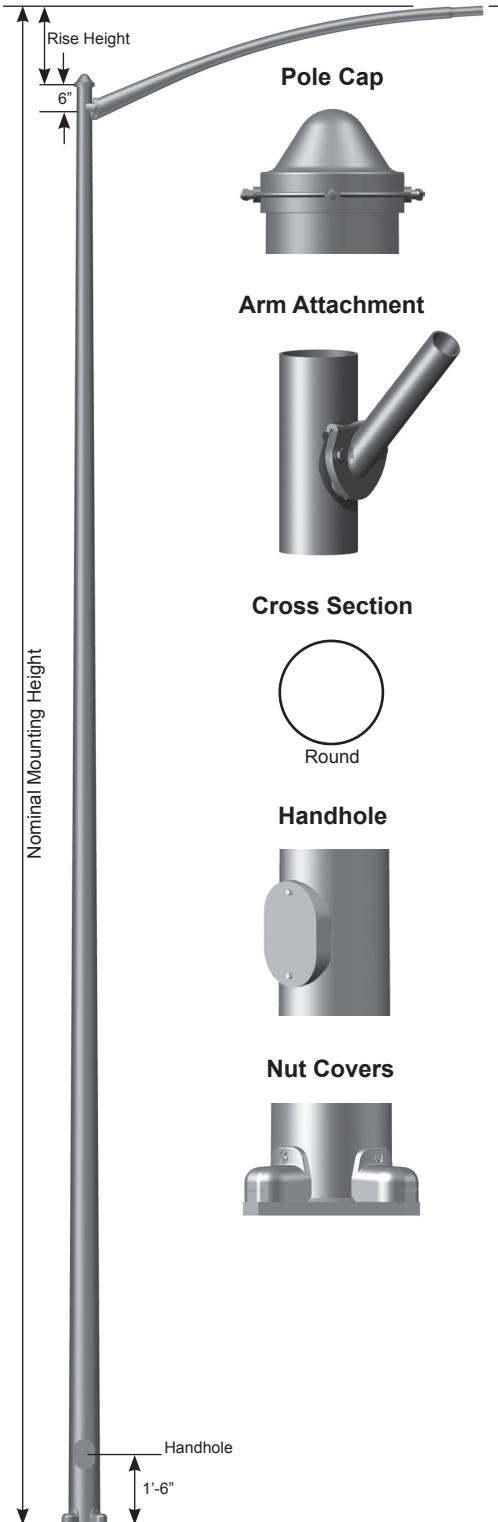


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____

**SPECIFICATIONS**



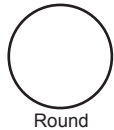
**Pole Cap**



**Arm Attachment**



**Cross Section**



**Handhole**



**Nut Covers**



**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 arm shaft conforms to ASTM A595 Grade A with a constant linear taper of 0.14 in/ft.. 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 two 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.

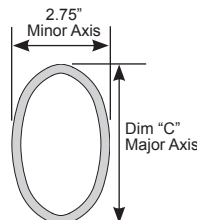
**ARM DATA**

ARM SPAN (FT)	RISE HEIGHT (IN)	BASE DIM "C" (IN)	END OD (IN)	WALL THK (IN)
4	0'-6"	3.10	2.40	11
6	1'-0"	3.60	2.40	11
8	1'-4"	4.00	2.40	11
10	1'-8"	4.50	2.40	11

**Double Arm Arrangement**



**Ovalized Arm Cross Section**



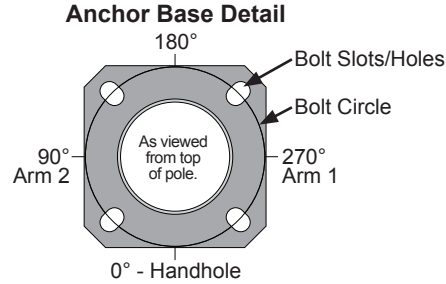
# ROUND TAPERED STEEL Smooth DS36



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

## 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	
9.00	12.50	0.50	12.38	1.000	1.00 x 36.00 x 4.00	4.25	0.25	



## LOAD AND DIMENSIONAL DATA

NOMINAL MOUNTING HEIGHT	QUANTITY OF ARMS	MAX ARM LENGTH (FT)	100 MPH w/1.3 GUST		POLE DIMENSIONS				
			MAX LUMINAIRE EPA <sup>1</sup> (SQFT)	MAX LUMINAIRE WEIGHT <sup>1</sup> (LBS)	BASE OD (IN)	TOP OD (IN)	WALL THK (GA)	STRUCTURE WEIGHT <sup>2</sup> (LBS)	MODEL NUMBER
			20'-0"	Single	8	2.0	75	6.50	3.90
20'-0"	Single	10	2.0	75	7.00	4.40	11	215	R700A186
	Double	8	2.0	75	6.50	3.90	11	230	R650A186
	Double	10	2.0	75	7.00	4.40	11	260	R700A186
	25'-0"	Single	8	2.0	75	7.00	3.70	11	235
Single		10	2.0	75	7.50	4.20	11	260	R750A236
Double		8	2.0	75	7.00	3.70	11	270	R700A236
Double		10	2.0	75	7.50	4.20	11	305	R750A236
30'-0"	Single	8	2.0	75	7.50	3.50	11	275	R750A286
	Single	10	2.0	75	8.00	4.00	11	305	R800A286
	Double	8	2.0	75	7.50	3.50	11	315	R750A286
	Double	10	2.0	75	8.00	4.00	11	355	R800A286
35'-0"	Single	8	2.0	75	8.00	3.30	11	320	R800A336
	Single	10	2.0	75	8.50	3.80	11	360	R850A336
	Double	8	2.0	75	8.00	3.30	11	360	R800A336
	Double	10	2.0	75	8.50	3.80	11	405	R850A336
40'-0"	Single	10	2.0	75	9.00	3.60	11	410	R900A386
	Double	10	2.0	75	9.00	3.60	11	455	R900A386

1. 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.  
 2. Structure Weight is a nominal value which includes the pole shaft, base plate and luminaire arm(s) only.  
 3. Nominal luminaire mounting heights as charted are within ± 1'-0" depending upon the arm length selected and the respective rise height.

## PRODUCT ORDERING CODES

DESIGN SERIES	MODEL NUMBER	FIXTURE MOUNTING	FINISH	COLOR	V-PRO™ PROTECTION SYSTEM	OPTIONS
DS36	R650A186 R700A186 R750A236 R750A286 R800A286 R800A336 R850A336 R900A386	4S = 4' Single 4D = 4' Double 6S = 6' Single 6D = 6' Double 8S = 8' Single 8D = 8' Double 10S = 10' Single 10D = 10' 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 <a href="http://valmontstructures.com">valmontstructures.com</a> (Please Specify)