

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: HN17ASE -- Quote: _____	Customer Approval: _____ Date: _____

SPECIFICATIONS

Post - The post shaft is either spun or extruded from 6000 series alloy aluminum.

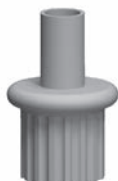
Post Top - A post top plate and tenon can be provided for top mount luminaire and/or bracket. A removable finial is available for posts receiving drilling patterns for side-mount luminaire arm assemblies.

Structural Base - The structural base is cast from 356 alloy aluminum and provided with a 3.25" wide X 16.50" 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.

Tenon Top

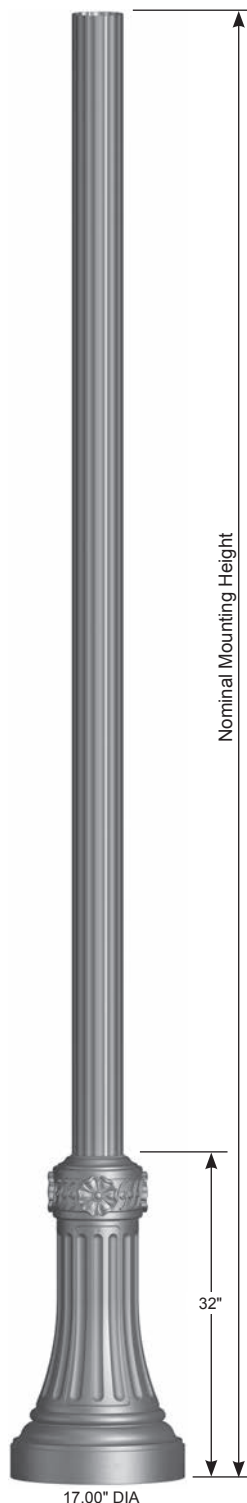


Cross Section



16 Flat Flute

Access Door



HUNTINGTON

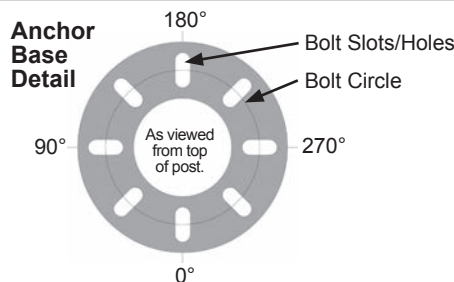
Fluted Tapered/Non-Tapered Aluminum Post

valmont 
STRUCTURES

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ANCHORAGE DATA

STRUCTURAL BASE				ANCHOR BOLTS*		
BOLT CIRCLE						
DIA (IN)	± (IN)	DIAMETER (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
11.50	1.50	17.00	0.75	0.75 x 17.00 x 3.00	3.50	0.25



LOAD AND DIMENSIONAL DATA

DESIGN INFORMATION							POST DIMENSIONS				MODEL NUMBER
NOMINAL MOUNTING HEIGHT	80 MPH w/1.3 GUST¹		90 MPH w/1.3 GUST¹		100 MPH w/1.3 GUST¹		BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT³ (LBS)	
	MAX LUMINAIRE EPA² (SQ.FT)	MAX LUMINAIRE WEIGHT² (LBS)	MAX LUMINAIRE EPA² (SQ.FT)	MAX LUMINAIRE WEIGHT² (LBS)	MAX LUMINAIRE EPA² (SQ.FT)	MAX LUMINAIRE WEIGHT² (LBS)					
Fluted Round Non-Tapered											
8'-0"	12.6	300	9.7	300	7.7	300	4.00	4.00	0.125	74	080040404UX
	20.0	300	16.1	300	12.8	300	5.00	5.00	0.125	76	080050504UX
10'-0"	9.3	300	7.1	300	5.5	300	4.00	4.00	0.125	78	100040404UX
	15.8	300	12.1	300	9.5	300	5.00	5.00	0.125	81	100050504UX
12'-0"	6.9	300	5.1	300	3.8	300	4.00	4.00	0.125	81	120040404UX
	12.2	300	9.2	300	7.0	300	5.00	5.00	0.125	85	120050504UX
	18.7	300	14.2	300	11.0	300	6.00	6.00	0.125	87	120060604UX
14'-0"	9.2	300	6.7	300	4.9	300	5.00	5.00	0.125	90	140050504UX
	14.5	300	10.7	300	8.1	300	6.00	6.00	0.125	93	140060604UX
16'-0"	6.7	300	4.6	300	3.1	300	5.00	5.00	0.125	94	160050504UX
	11.1	300	7.9	300	5.7	300	6.00	6.00	0.125	98	160060604UX
	11.6	300	8.4	300	6.2	300	5.00	5.00	0.188	109	160050506UX
18'-0"	4.7	300	2.9	300	1.6	300	5.00	5.00	0.125	99	180050504UX
	8.3	300	5.6	300	3.7	300	6.00	6.00	0.125	104	180060604UX
	14.5	300	10.5	300	7.7	300	6.00	6.00	0.188	125	180060606UX
Fluted Round Tapered											
8'-0"	20.0	300	16.1	300	12.9	300	5.00	4.20	0.125	75	080042504VX
10'-0"	15.9	300	12.3	300	9.7	300	5.00	3.90	0.125	79	100039504VX
12'-0"	19.0	300	14.5	300	11.3	300	6.00	4.60	0.125	84	120046604VX
14'-0"	14.9	300	11.2	300	8.6	300	6.00	4.30	0.125	88	140043604VX
16'-0"	11.6	300	8.6	300	6.4	300	6.00	4.10	0.125	92	160041604VX
18'-0"	9.1	300	6.5	300	4.6	300	6.00	3.80	0.125	96	180038604VX

- 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
HN17AS	E					
	16 Flat Flute	Fluted Round Non-Tapered	Fluted Round Tapered	Drill Mounting D1 = 1 Luminaire D2 = 2 @ 180° D3 = 3 @ 120° D4 = 4 @ 90° D5 = 2 @ 90° D6 = 3 @ 90° Tenon Mounting 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 valmontstructures.com (Please Specify)