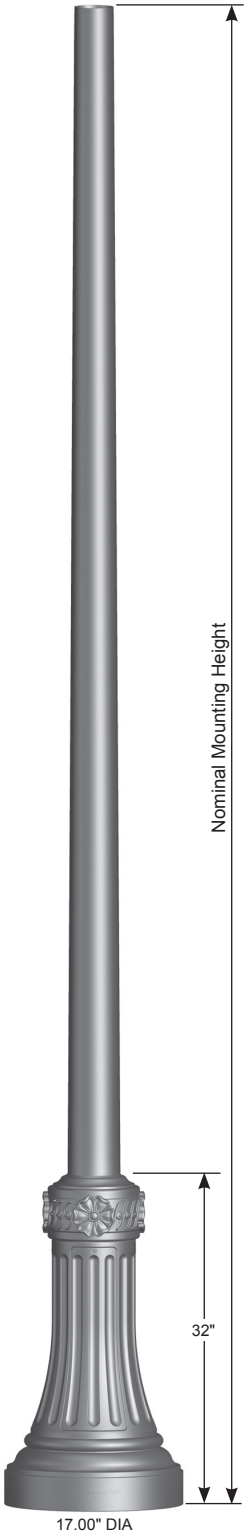
HUNTINGTON
Round Tapered/Non-Tapered Aluminum Post

Job Name:	Client Name:
Job Location - City: State:	Created By: Date:
Product: HN17ASR -- Quote:	Customer Approval: Date:



Tenon Top

Cross Section

Round

Access Door

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.

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valmont STRUCTURES

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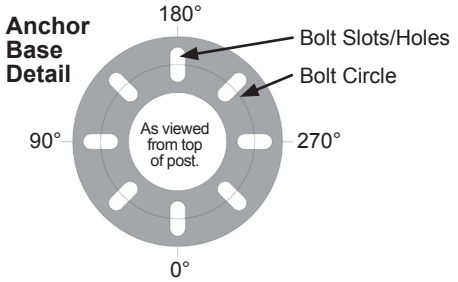
ANCHORAGE DATA

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				
	80 MPH w/1.3 GUST[1]		90 MPH w/1.3 GUST[1]		100 MPH w/1.3 GUST[1]						
NOMINAL MOUNTING HEIGHT	MAX LUMINAIRE EPA[2] (SQ FT)	MAX LUMINAIRE WEIGHT[2] (LBS)	MAX LUMINAIRE EPA[2] (SQ FT)	MAX LUMINAIRE WEIGHT[2] (LBS)	MAX LUMINAIRE EPA[2] (SQ FT)	MAX LUMINAIRE WEIGHT[2] (LBS)	BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT[3] (LBS)	MODEL NUMBER
Round Non-Tapered											
8'-0"	12.8	300	10.0	300	8.0	300	4.00	4.00	0.125	74	080040404SX
	20.0	300	16.5	300	13.3	300	5.00	5.00	0.125	76	080050504SX
10'-0"	9.7	300	7.4	300	5.9	300	4.00	4.00	0.125	78	100040404SX
	16.3	300	12.8	300	10.3	300	5.00	5.00	0.125	81	100050504SX
12'-0"	7.4	300	5.5	300	4.3	300	4.00	4.00	0.125	81	120040404SX
	12.9	300	10.1	300	8.1	300	5.00	5.00	0.125	85	120050504SX
14'-0"	10.0	300	7.7	300	6.2	300	5.00	5.00	0.125	90	140050504SX
16'-0"	7.6	300	5.9	300	4.6	300	5.00	5.00	0.125	94	160050504SX
18'-0"	5.8	300	4.4	300	3.4	300	5.00	5.00	0.125	99	180050504SX
	10.3	300	7.9	300	6.3	300	6.00	6.00	0.125	104	180060604SX
Round Tapered											
8'-0"	20.0	300	16.4	300	13.2	300	5.00	4.00	0.125	75	080040504TX
10'-0"	16.3	300	12.7	300	10.2	300	5.00	4.00	0.125	79	100040504TX
12'-0"	12.9	300	10.0	300	7.9	300	5.00	4.00	0.125	83	120040504TX
	19.8	300	15.4	300	12.4	300	6.00	4.00	0.125	83	120040604TX
14'-0"	10.0	300	7.6	300	6.0	300	5.00	4.00	0.125	87	140040504TX
	15.8	300	12.2	300	9.7	300	6.00	4.00	0.125	87	140040604TX
16'-0"	7.7	300	5.7	300	4.5	300	5.00	4.00	0.125	91	160040504TX
	12.6	300	9.6	300	7.7	300	6.00	4.00	0.125	92	160040604TX
18'-0"	5.9	300	4.2	300	3.2	300	5.00	4.00	0.125	95	180040504TX
	10.1	300	7.6	300	6.0	300	6.00	4.00	0.125	96	180040604TX

1. EPA values are calculated using fastest mile winds.
2. 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.
3. 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	R Round		--		

Round Non-Tapered	Round Tapered
080040404SX	080040504TX
080050504SX	100040504TX
100040404SX	120040504TX
100050504SX	120040604TX
120040404SX	140040504TX
120050504SX	140040604TX
140050504SX	160040504TX
160050504SX	160040604TX
180050504SX	180040504TX
180060604SX	180040604TX

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)

SPC7293 11/17 valmontstructures.com carries the most current spec information and supersedes these guidelines.