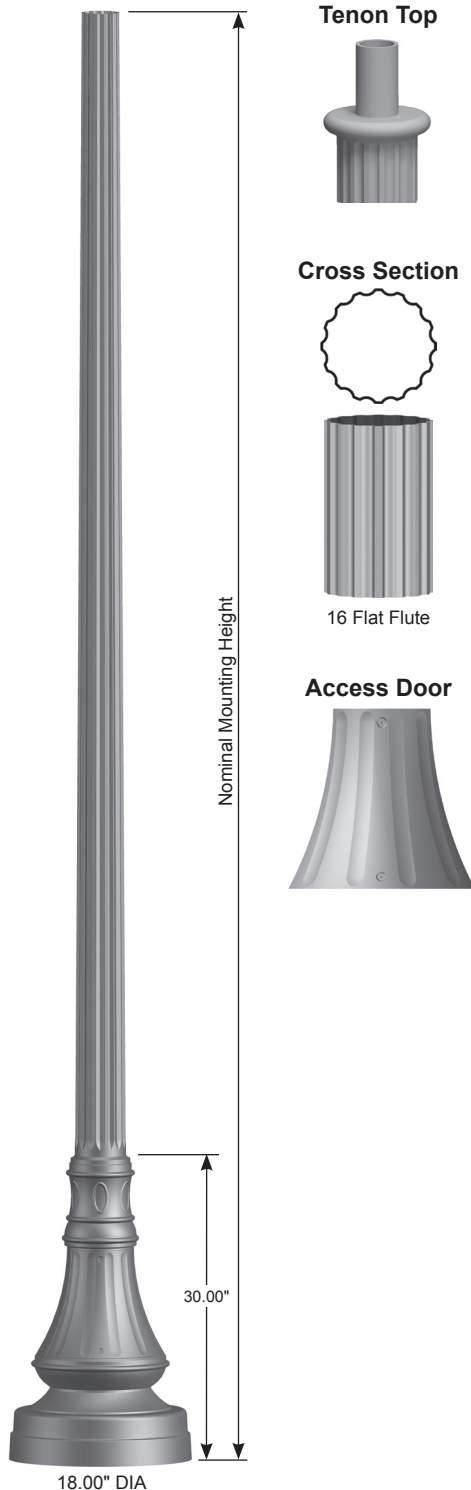


Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: BR18ASE -- Quote: _____	Customer Approval: _____ Date: _____

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 provided 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 4.00" wide X 10.00" 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, two flat washers and two oversized 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 Industries' Specifications. Additional finish options available upon request.

BURNSVILLE

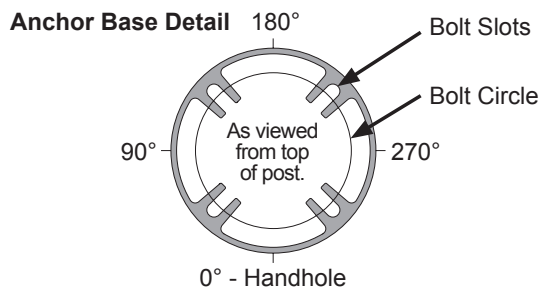
Fluted Tapered/Non-Tapered Aluminum Post

valmont 
STRUCTURES

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: BR18ASE -- Quote: _____	Customer Approval: _____ Date: _____

ANCHORAGE DATA

STRUCTURAL BASE				ANCHOR BOLTS		
BOLT CIRCLE						
DIA (IN)	± (IN)	DIAMETER (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
14.00	0.50	18.00	0.75	0.75 x 17.00 x 3.00	3.50	0.25



LOAD AND DIMENSIONAL DATA

NOMINAL MOUNTING HEIGHT	DESIGN INFORMATION						POST DIMENSIONS				MODEL NUMBER
	80 MPH w/1.3 GUST ¹		90 MPH w/1.3 GUST ¹		100 MPH w/1.3 GUST ¹		BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT ³ (LBS)	
	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)					
Fluted Round Non-Tapered											
8'-0"	13.0	300	10.1	300	8.0	300	4.00	4.00	0.125	55	080040404UD
	20.0	300	16.8	300	13.3	300	5.00	5.00	0.125	58	080050504UD
10'-0"	9.6	300	7.2	300	5.6	300	4.00	4.00	0.125	59	100040404UD
	16.4	300	12.6	300	9.8	300	5.00	5.00	0.125	62	100050504UD
12'-0"	7.0	300	5.1	300	3.7	300	4.00	4.00	0.125	62	120040404UD
	12.6	300	9.4	300	7.1	300	5.00	5.00	0.125	67	120050504UD
14'-0"	5.7	100	4.0	100	2.7	100	4.00	4.00	0.125	66	140040404UD
	9.5	300	6.9	300	5.0	300	5.00	5.00	0.125	71	140050504UD
16'-0"	6.8	300	4.7	300	3.1	300	5.00	5.00	0.125	76	160050504UD
	12.0	300	8.7	300	6.4	300	5.00	5.00	0.188	91	160050506UD
18'-0"	4.7	300	2.8	300	1.5	300	5.00	5.00	0.125	80	180050504UD
	9.1	300	6.4	300	4.4	300	5.00	5.00	0.188	97	180050506UD
Fluted Round Tapered											
8'-0"	20.0	300	16.8	300	13.3	300	5.00	4.23	0.125	57	080042504VD
10'-0"	16.4	300	12.6	300	9.8	300	5.00	3.95	0.125	60	100040504VD
12'-0"	12.6	300	9.4	300	7.1	300	5.00	3.67	0.125	64	120037504VD

- 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 1'-6" above and 2'-0" 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
BR18AS	E					
	16 Flat Flute	Fluted Round Non-Tapered 080040404UD 080050504UD 100040404UD 100050504UD 120040404UD 120050504UD 140040404UD 140050504UD 160050504UD 160050506UD 180050504UD 180050506UD	Fluted Round Tapered 080042504VD 100040504VD 120037504VD	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)