

DECORATIVE ALUMINUM POLES



Specifications and Features:

- 4" - 8' to 18' Standard Heights
- Straight or Tapered, Smooth or Fluted Poles.
- **PLEASE NOTE:** Contact the Factory For TAPERED FLUTED poles.
Expect an extended lead time.

Shaft:

Smooth or Fluted Tubing Uses 6061-T6 Aluminum Alloy
Tapered Poles Use 6061-T6 Aluminum Alloy.

Structural Base:

A356 Alloy Sand Cast Aluminum, Four Bolt Base. An Extra Large Access Cover is Included. A Grounding Lug is Also Provided.

Tenons:

T300=Standard for Post Top (2 $\frac{1}{8}$ " OD x 3" Tall)

T355=Standard for Shepherd's Crook Arms (2 $\frac{1}{8}$ " OD x 5.5" Tall)

SLV=Male Sleeve Welded to Pole; Ready for Extension/Arm Set-Up (Consult Factory)

CAP=Removable Cap, No Tenon

PF_=Decorative Pole Top Finial (Optional Adder)

Anchor Bolts:

Standard With Each Pole: Includes Four $\frac{3}{4}$ -10x25" Steel Hot Dip Galvanized Anchor Bolts; Each With Two Nuts, Two Flat Washers and One Lock Washer.

Accessories:

GFIC=Weatherproof GFI In-Use Cover, Cast Aluminum (Must Indicate Location-See Orientation Guide On Last Page)

GFIP=Weatherproof GFI In-Use Cover, Plastic (Must Indicate Location-See Orientation Guide On Last Page)

DBS=Direct Burial Shaft to Convert Pole to Embedded/Burial Installation. 48" Shaft With Anti-Rotational Fins Included.

USB=Dual USB Port (Must Indication Location-See Orientation Guide On Last Page)

Finish:

- Standard Finishes: High Gloss Black, Textured Black, High Gloss White, Medium Bronze, Dark Bronze, Green, Gray, Silver Metallic
- Premium Finishes (Adder): Verde Patina, Pewter Patina, Silver Sparkle, Semi-Gloss or Matte Black
- Custom and Marine-Grade Finishes Are Available. All RAL Colors Are Available To Match (Adder).

Warranty:

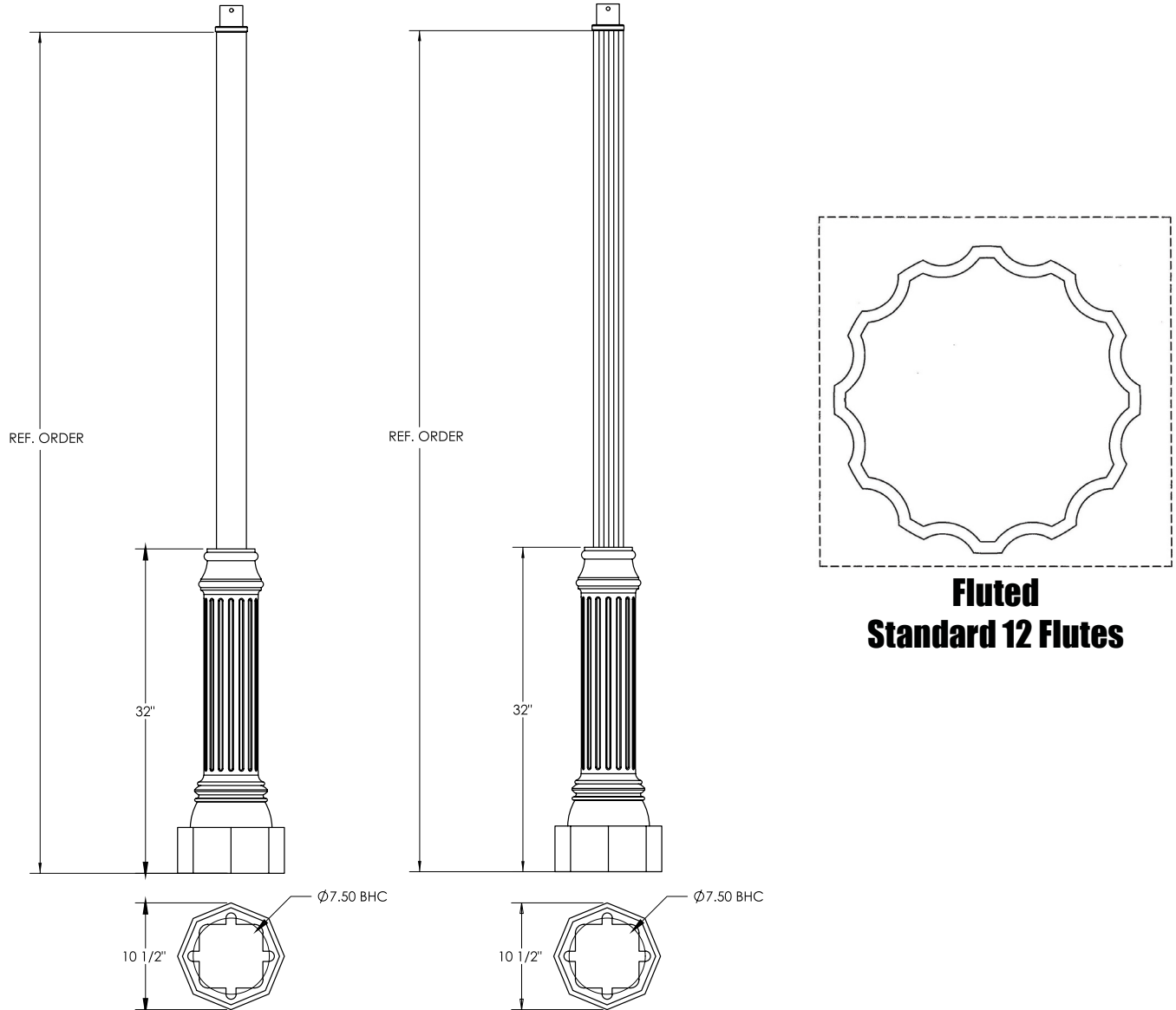
5 Year Limited Warranty

DECORATIVE ALUMINUM POLES

Order Information Example: **PLB193410S125T300NBK**

PLB193								
Model	Diameter	Height	Pole Style	Wall Size	Tenon	Accessories	Finish	Anchor Bolts
	4=4" 4X3=4"x3" Tapered* *No Tenon Required *Smooth Shaft Only *Consult Factory For EPA Calculations	8=8" 10=10' 12=12' 14=14' 16=16' 18=18' *Not Available in Tapered CONSULT FACTORY for poles over 18' and up to 24'	S=Smooth F=Fluted	Refer to Chart	N=None T300=2 1/8" ODx3" Tall T355=2 1/4" ODx5.5" Tall CAP=Removable Cap, No Tenon SLV=Male Sleeve Welded to Pole (Contact Factory) PF=Decorative Finial (Choose One)	N=None GFIC=GFI In-Use Cover, Cast Aluminum* GFIP=GFI In-Use Cover, Plastic* USB=Dual USB Port* DBS=Direct Burial Shaft *Indicate Location	STANDARD FINISHES BK=Black BZ=Bronze DBZ=Dark Bronze WH=White GR=Green SM=Silver Metallic GY=Light Gray TBK=Textured Black CC=Custom Color (Consult Factory)	Leave Blank If You Need Anchor Bolts LAB=Less Anchor Bolts (Customer Supplies Own Anchor Bolts*) *Customer is Responsible For Specifications Of Their Own Anchor Bolts. Pemco Does Not Assume Any Product Warranty Liability

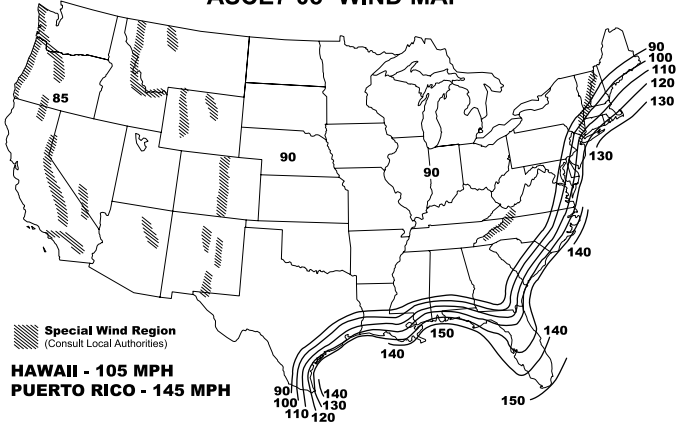
Dimensions



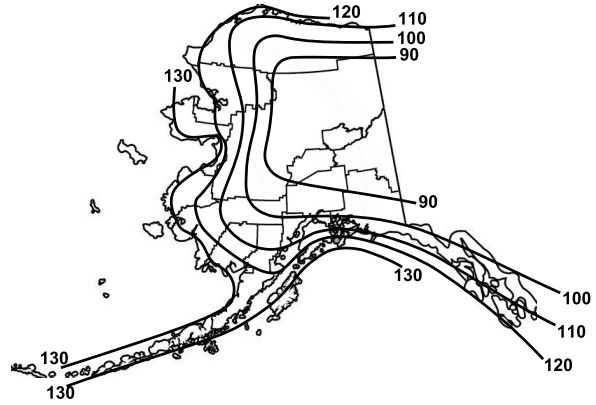
DECORATIVE ALUMINUM POLES

Wind Loading and Dimensional Data: ASCE 7-05 Wind Map EPA Load Rating-3 Second Wind Gust

ASCE7-05 WIND MAP



ALASKA REGION WIND MAP



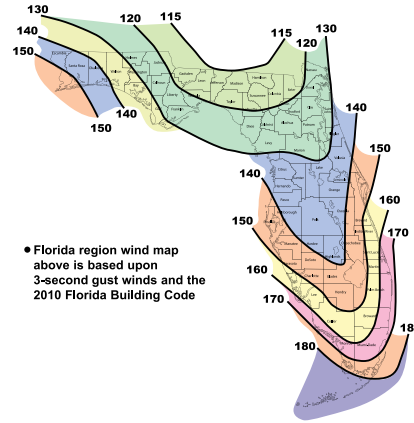
MODEL#	85	90	100	105	110	120	130	140	145	150
PLB193-4-10-S-.125	14.10	12.60	10.20	9.20	8.30	6.90	5.90	5.00	4.70	4.40
PLB193-4-10-F-.125	16.46	14.71	11.90	10.74	9.69	8.05	6.89	5.84	5.49	5.14
PLB193-4-10-S-.188	20.70	18.60	15.10	13.70	12.40	10.40	8.90	7.70	7.10	6.70
PLB193-4-10-F-.188	20.60	18.50	15.00	13.60	12.30	10.30	8.60	7.30	6.70	6.20
PLB193-4-12-S-.125	10.20	9.10	7.20	6.40	5.80	4.70	4.00	3.40	3.10	2.90
PLB193-4-12-F-.125	11.90	10.62	8.40	7.47	6.77	5.49	4.67	3.97	3.62	3.38
PLB193-4-12-S-.188	15.30	13.70	11.00	9.90	9.00	7.40	6.30	5.40	5.00	4.70
PLB193-4-12-F-.188	15.20	13.50	10.90	9.80	8.80	7.20	6.00	4.90	4.50	4.10
PLB193-4-14-S-.125	7.70	6.70	5.20	4.60	4.10	3.20	2.70	2.20	2.10	1.90
PLB193-4-14-F-.125	8.99	7.82	6.07	5.37	4.79	3.73	3.15	2.57	2.45	2.22
PLB193-4-14-S-.188	11.80	10.40	8.30	7.40	6.60	5.40	4.60	3.90	3.60	3.30
PLB193-4-14-F-.188	11.60	10.30	8.10	7.20	6.50	5.20	4.10	3.30	3.00	2.60
PLB193-4-16-S-.125	5.80	5.00	3.70	3.20	2.80	2.10	1.70	1.40	1.20	1.10
PLB193-4-16-F-.125	6.77	5.84	4.32	3.73	3.27	2.45	1.98	1.63	1.40	1.28
PLB193-4-16-S-.188	9.20	8.10	6.30	5.60	4.90	3.90	3.30	2.70	2.50	2.30
PLB193-4-16-F-.188	9.00	7.90	6.10	5.40	4.70	3.60	2.80	2.10	1.80	1.50
PLB193-4-18-S-.125	4.30	3.60	2.50	2.10	1.70	1.10	0.80	0.60	0.50	NR
PLB193-4-18-F-.125	5.02	4.20	2.92	2.45	1.98	1.28	0.93	0.70	0.58	NR
PLB193-4-18-S-.188	7.20	6.20	4.70	4.10	3.50	2.70	2.20	1.80	1.60	1.50
PLB193-4-18-F-.188	7.00	6.00	4.50	3.90	3.30	2.40	1.60	1.00	0.80	0.60
PLB193-4-20-S-.125	3.10	2.50	1.60	1.20	0.80	NR	NR	NR	NR	NR
PLB193-4-20-F-.125	3.62	2.92	1.87	1.40	0.93	0.42	NR	NR	NR	NR
PLB193-4-20-S-.188	5.50	4.70	3.40	2.90	2.40	1.70	1.30	1.00	0.90	0.80
PLB193-4-20-F-.188	5.30	4.50	3.20	2.60	2.10	1.30	0.70	NR	NR	NR
PLB193-4-22-S-.125	3.33	2.61	1.48	1.41	0.99	0.29	NR	NR	NR	NR
PLB193-4-22-F-.125	3.03	2.31	1.18	1.11	0.70	NR	NR	NR	NR	NR
PLB193-4-22-S-.188	4.20	3.50	2.30	1.90	1.40	0.80	0.60	NR	NR	NR
PLB193-4-22-F-.188	5.93	4.90	3.26	3.18	2.58	1.58	0.81	0.20	NR	NR
PLB193-4-24-S-.125	2.24	1.60	0.60	0.54	0.17	NR	NR	NR	NR	NR
PLB193-4-24-F-.125	1.92	1.28	0.28	0.22	NR	NR	NR	NR	NR	NR
PLB193-4-24-S-.188	3.10	2.40	1.40	1.00	0.60	NR	NR	NR	NR	NR
PLB193-4-24-F-.188	4.46	3.54	2.11	2.03	1.50	0.62	NR	NR	NR	NR

Pemco provides this information as a guide only and assumes no liability for its use. Allowable pole EPA for job-site wind conditions must be equal to or greater than fixture mount EPA. Responsibility lies with the specifier for the correct pole selection based on A.N.S.I. wind map and job location.

DECORATIVE ALUMINUM POLES

Wind Loading and Dimensional Data: Florida Building Code 2017 EPA Load Rating - 3 Second Gust Wind Speeds

FLORIDA REGION WIND MAP



MODEL#	115	120	130	140	150	160	170	180
PLB193-4-10-S-.125	11.00	10.10	8.40	7.00	5.90	5.10	4.90	4.30
PLB193-4-10-F-.125	10.45	9.60	7.98	6.65	5.61	5.00	4.30	3.70
PLB193-4-10-S-.188	16.70	15.20	12.80	10.80	9.20	7.90	7.40	6.60
PLB193-4-10-F-.188	15.87	14.44	12.16	10.26	8.74	7.51	7.03	6.27
PLB193-4-12-S-.125	7.80	7.00	5.70	4.70	3.80	3.50	3.30	2.90
PLB193-4-12-F-.125	7.41	6.65	5.42	4.47	3.61	3.10	2.60	2.10
PLB193-4-12-S-.188	12.10	11.00	9.10	7.60	6.40	5.40	5.20	4.60
PLB193-4-12-F-.188	11.50	10.45	8.65	7.22	6.08	5.13	4.60	3.90
PLB193-4-14-S-.125	5.60	4.90	3.90	3.00	2.60	2.30	2.10	1.90
PLB193-4-14-F-.125	5.32	4.66	3.71	2.85	2.40	1.80	1.30	0.90
PLB193-4-14-S-.188	9.10	8.20	6.60	5.40	4.40	3.70	3.50	3.30
PLB193-4-14-F-.188	8.65	7.79	6.27	5.13	4.18	3.52	2.90	2.40
PLB193-4-16-S-.125	3.80	3.30	2.40	1.70	1.40	1.10	0.80	0.50
PLB193-4-16-F-.125	3.61	3.14	2.28	1.62	1.33	1.05	0.76	0.48
PLB193-4-16-S-.188	6.80	6.00	4.70	3.70	2.90	2.40	2.10	1.90
PLB193-4-16-F-.188	6.46	5.70	4.47	3.52	2.76	2.28	2.00	1.81
PLB193-4-18-S-.125	2.50	2.10	1.50	0.90	NR	NR	NR	NR
PLB193-4-18-F-.125	2.38	2.00	1.43	0.86	NR	NR	NR	NR
PLB193-4-18-S-.188	4.80	4.20	3.20	2.50	1.80	1.30	1.10	0.80
PLB193-4-18-F-.188	4.56	3.99	3.04	2.38	1.71	1.24	1.05	0.76
PLB193-4-20-S-.125	1.50	1.10	0.60	NR	NR	NR	NR	NR
PLB193-4-20-F-.125	1.43	1.05	0.57	NR	NR	NR	NR	NR
PLB193-4-20-S-.188	3.40	2.90	2.10	1.40	0.80	NR	NR	NR
PLB193-4-20-F-.188	3.23	2.76	2.00	1.33	0.76	NR	NR	NR
PLB193-4-22-S-.188	2.30	1.80	1.10	0.50	NR	NR	NR	NR
PLB193-4-22-F-.188	2.19	1.71	1.05	0.48	NR	NR	NR	NR
PLB193-4-24-S-.188	1.30	0.90	NR	NR	NR	NR	NR	NR
PLB193-4-24-F-.188	1.24	0.86	NR	NR	NR	NR	NR	NR

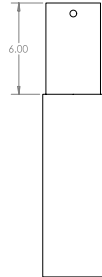
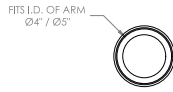
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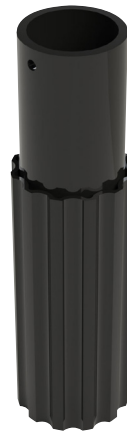
Sleeve (SLV) Smooth



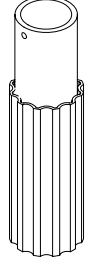
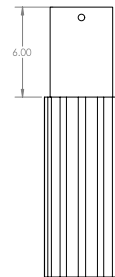
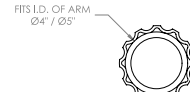
SLEEVE PROVIDES SMOOTH TRANSITION APPEARANCE FROM POLE TO ARM



Sleeve (SLV) Fluted

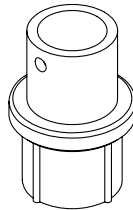
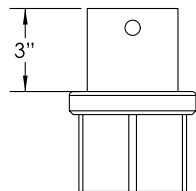
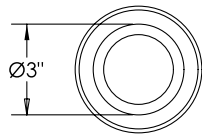


SLEEVE PROVIDES SMOOTH TRANSITION APPEARANCE FROM POLE TO ARM



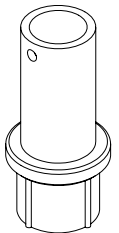
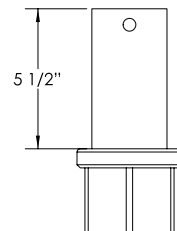
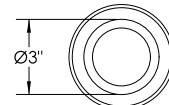
Tenon Options

3" TENON FOR MOST OF POST TOP AND SMALLER ARM APPLICATIONS



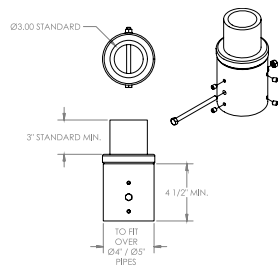
3" Tenon (T300)

5 1/2" TENON FOR MOST OF LARGER ARM APPLICATIONS

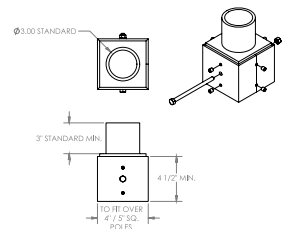


5 1/2" Tenon (T355)

Tenon Adaptor (Ordered Separately)



Round Tenon Adaptor (TAR)



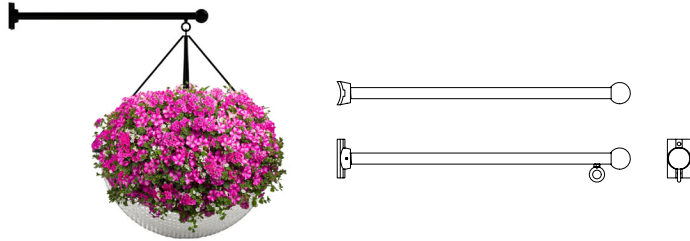
Square Tenon Adaptor (TAS)

Note: The following information is needed when ordering Tenon Adaptors:

- Size of fixture ID
- Size of pole OD
- If adapting to an existing tenon: provide length, width & height needed

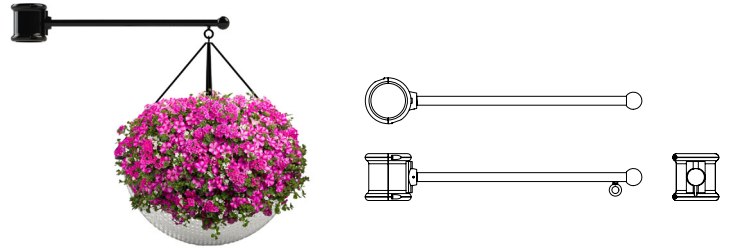
DECORATIVE ALUMINUM POLES

Plant Hanger (Ordered Separately)



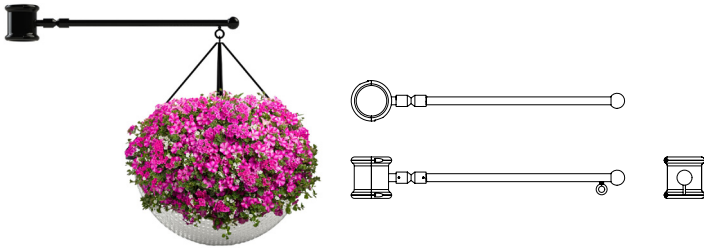
Bolt On Plant Hanger (FH-BO)

Ordered Separately
Basket & Flowers not included



Clamp On Plant Hanger (FH-CO)

Ordered Separately
Basket & Flowers not included



Break-Away Plant Hanger (FH-BBA)

Ordered Separately
Basket & Flowers not included

GFI Covers



The GFI is supplied for mounting to an outlet opening, in the pole shaft, with a gasket and stainless steel screws (provided by others). Available in plastic (GFIP) or cast (GFIC).

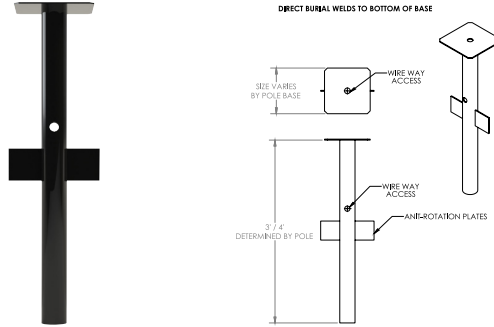
Dual USB Port (USB)



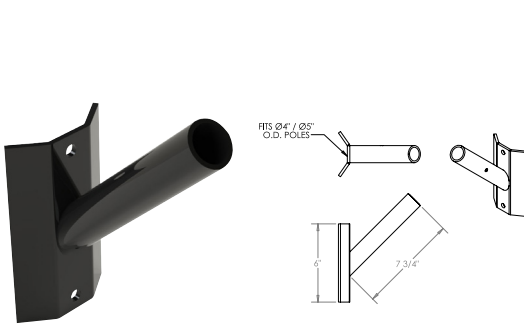
*Photo is a representation. The exact USB may differ.

DECORATIVE ALUMINUM POLES

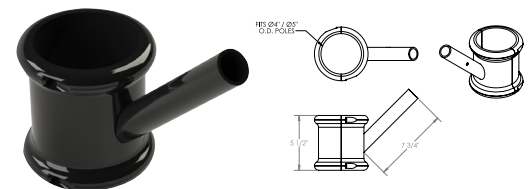
Direct Burial Shaft (DBS)



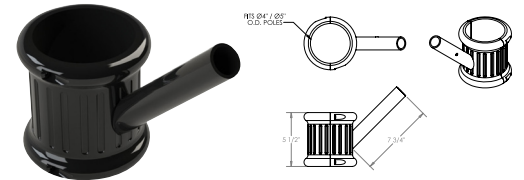
Flagholder (Ordered Separately)



Bolt On Flag Holder (FPH)
Ordered Separately



Clamp On Flag Holder-Smooth (FPH)
Ordered Separately



Clamp On Flag Holder-Fluted (FPH)
Ordered Separately

Eyebolts (Ordered Separately)



Clamp On Eye Bolt-Smooth (EB-CO)
Ordered Separately



Clamp On Eye Bolt-Fluted (EB-CO)
Ordered Separately

Also available in Bolt On

DECORATIVE ALUMINUM POLES

Finial Choice



PF1



PF2



PF3



PF4

Pole Cap



CAP
(Standard When
Ordering CAP)



PF11
Custom



PF9
Custom



PF6
Custom



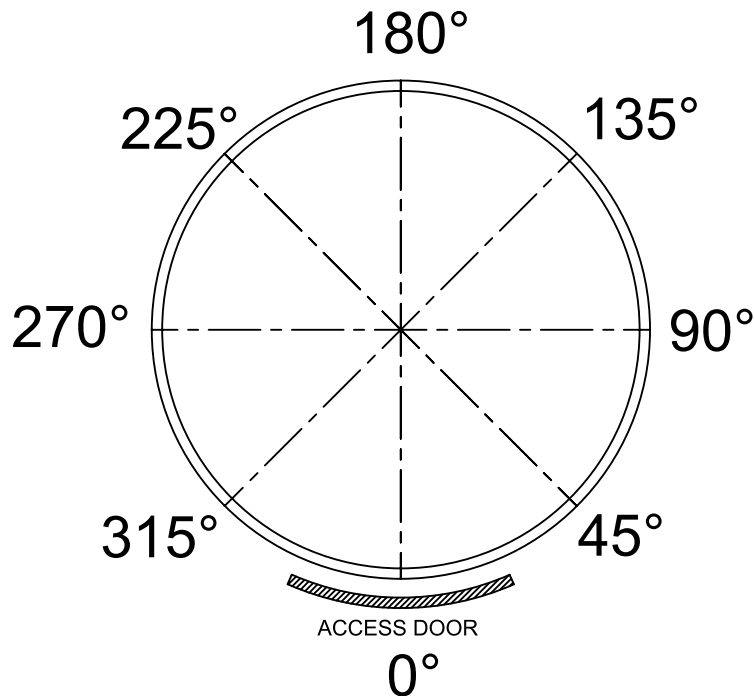
PF7
Custom



PF8
Custom

Orientation Guide

ORIENTATION CHART



NOTE: ALL PLACEMENTS AT 0°
UNLESS OTHERWISE SPECIFIED AT TIME
OF ORDER.