DLP416
Decorative Aluminum Pole

Specifications and Features:

- 4" - 8' to 18' Standard Heights
- 5" - 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 (2⅞" OD x 3" Tall)
T355=Standard for Shepherd's Crook Arms (2⅞" 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 ¾-10x25" 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

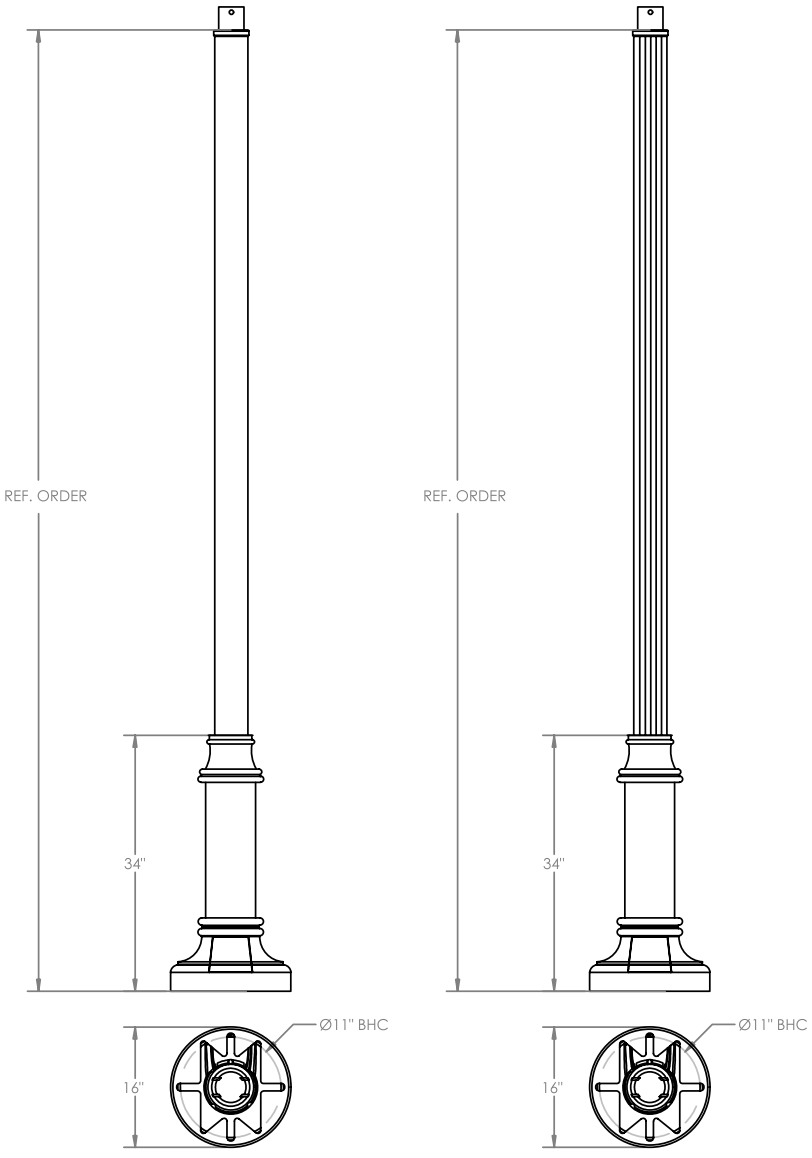
DLP416
Decorative Aluminum Pole

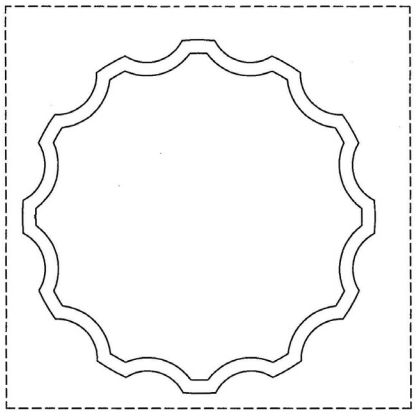
Order Information Example: DLP416410S125T300NBK

USA Express Options in Red.

DLP416								
Model	**Diameter**	**Height**	**Pole Style**	**Wall Size**	**Tenon**	**Accessories**	**Finish**	**Anchor Bolts**
	4=4" **5**=5" **4X3**=4"x3" Tapered* **5X3**=5"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**=2⅞"ODx3" Tall **T355**=2⅞"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. 1882 Lighting Does Not Assume Any Product Warranty Liability**

Dimensions



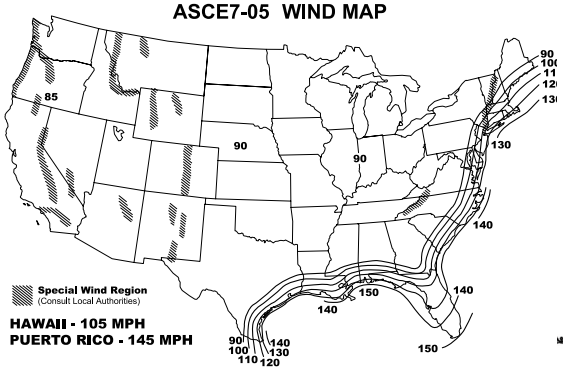


Fluted
Standard 12 Flutes

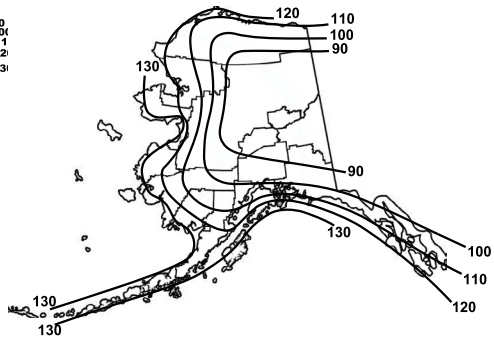
DLP416
Decorative Aluminum Pole

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

ASCE7-05 WIND MAP



ALASKA REGION WIND MAP



USA Express Options in Red.

MODEL#	85	90	100	105	110	120	130	140	145	150
DLP416-4-10-S-.125	14.10	12.60	10.20	9.20	8.30	6.90	5.90	5.00	4.70	4.40
DLP416-4-10-F-.125	13.25	11.84	9.59	8.65	7.80	6.49	5.55	4.70	4.42	4.14
DLP416-4-10-S-.188	20.70	18.60	15.10	13.70	12.40	10.40	8.90	7.70	7.10	6.70
DLP416-4-10-F-.188	20.60	18.50	15.00	13.60	12.30	10.30	8.60	7.30	6.70	6.20
DLP416-5-10-S-.125	25.00	25.00	25.00	20.78	18.61	15.56	13.19	11.32	10.52	9.81
DLP416-5-10-S-.188	25.00	25.00	25.00	25.00	25.00	23.12	19.64	16.88	15.71	14.65
DLP416-5-10-F-.188	25.00	25.00	25.00	25.00	25.00	22.73	19.11	16.24	15.02	13.92
DLP416-5-10-S-.25	25.00	25.00	25.00	25.00	25.00	25.00	25.00	21.92	20.41	19.05
DLP416-5-10-F-.25	25.00	25.00	25.00	25.00	25.00	25.00	24.97	21.28	19.72	18.31
DLP416-4-12-S-.125	10.20	9.10	7.20	6.40	5.80	4.70	4.00	3.40	3.10	2.90
DLP416-4-12-F-.125	9.59	8.55	6.77	6.02	5.45	4.42	3.76	3.20	2.91	2.73
DLP416-4-12-S-.188	15.30	13.70	11.00	9.90	9.00	7.40	6.30	5.40	5.00	4.70
DLP416-4-12-F-.188	15.20	13.50	10.90	9.80	8.80	7.20	6.00	4.90	4.50	4.10
DLP416-5-12-S-.125	22.02	19.42	15.33	15.10	13.69	11.40	9.63	8.23	7.61	7.11
DLP416-5-12-S-.188	25.00	25.00	23.13	22.79	20.70	17.29	14.64	12.55	11.67	10.88
DLP416-5-12-F-.188	25.00	25.00	22.95	22.60	20.39	16.78	13.96	11.73	10.78	9.93
DLP416-5-12-S-.25	25.00	25.00	25.00	25.00	25.00	22.63	19.19	16.48	15.38	14.29
DLP416-5-12-F-.25	25.00	25.00	25.00	25.00	25.00	22.16	18.51	15.65	14.43	13.34
DLP416-4-14-S-.125	7.70	6.70	5.20	4.60	4.10	3.20	2.70	2.20	2.10	1.90
DLP416-4-14-F-.125	7.24	6.30	4.89	4.32	3.85	3.01	2.54	2.07	1.97	1.79
DLP416-4-14-S-.188	11.80	10.40	8.30	7.40	6.60	5.40	4.60	3.90	3.60	3.30
DLP416-4-14-F-.188	11.60	10.30	8.10	7.20	6.50	5.20	4.10	3.30	3.00	2.60
DLP416-5-14-S-.125	17.16	15.04	11.70	11.51	10.40	8.62	7.23	6.15	5.70	5.28
DLP416-5-14-S-.188	25.00	22.90	18.07	17.79	16.13	13.43	11.34	9.69	8.99	8.36
DLP416-5-14-F-.188	25.00	22.68	17.85	17.56	15.76	12.83	10.50	8.68	7.90	7.20
DLP416-5-14-S-.25	25.00	25.00	23.85	23.49	21.32	17.79	15.05	12.89	11.98	11.16
DLP416-5-14-F-.25	25.00	25.00	23.62	23.26	20.95	17.17	14.20	11.88	10.90	10.00
DLP416-4-16-S-.125	5.80	5.00	3.70	3.20	2.80	2.10	1.70	1.40	1.20	1.10
DLP416-4-16-F-.125	5.45	4.70	3.48	3.01	2.63	1.97	1.60	1.32	1.13	1.03
DLP416-4-16-S-.188	9.20	8.10	6.30	5.60	4.90	3.90	3.30	2.70	2.50	2.30
DLP416-4-16-F-.188	9.00	7.90	6.10	5.40	4.70	3.60	2.80	2.10	1.80	1.50
DLP416-5-16-S-.125	13.66	11.85	9.04	8.88	8.00	6.57	5.41	4.61	4.25	3.93
DLP416-5-16-S-.188	21.10	18.50	14.42	14.18	12.83	10.63	8.93	7.60	7.04	6.53
DLP416-5-16-F-.188	20.84	18.24	14.15	13.92	12.39	9.84	7.95	6.41	5.75	5.16
DLP416-5-16-S-.25	25.00	24.53	19.03	19.00	17.21	14.32	12.08	10.31	9.56	8.89
DLP416-5-16-F-.25	25.00	24.26	19.04	18.73	16.78	13.58	11.10	9.16	8.28	7.52

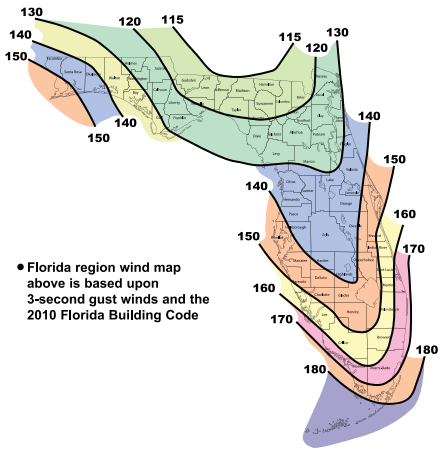
MODEL#	85	90	100	105	110	120	130	140	145	150
DLP416-4-18-S-.125	4.30	3.60	2.50	2.10	1.70	1.10	0.80	0.60	0.50	NR
DLP416-4-18-F-.125	4.04	3.38	2.35	1.97	1.60	1.03	0.75	0.56	0.47	NR
DLP416-4-18-S-.188	7.20	6.20	4.70	4.10	3.50	2.70	2.20	1.80	1.60	1.50
DLP416-4-18-F-.188	7.00	6.00	4.50	3.90	3.30	2.40	1.60	1.00	0.80	0.60
DLP416-5-18-S-.125	10.80	9.26	6.86	6.72	6.01	4.88	4.02	3.35	3.07	2.81
DLP416-5-18-S-.188	17.11	14.89	11.41	11.21	10.11	8.32	6.95	5.87	5.42	5.01
DLP416-5-18-F-.188	16.81	14.59	11.11	10.91	9.61	7.48	5.83	4.52	3.96	3.46
DLP416-5-18-S-.25	22.92	20.08	15.61	15.36	13.88	11.49	9.65	8.20	7.59	7.05
DLP416-5-18-F-.25	22.62	19.77	15.31	15.05	13.39	10.66	8.53	6.85	6.13	5.49
DLP416-4-20-S-.125	3.10	2.50	1.60	1.20	0.80	NR	NR	NR	NR	NR
DLP416-4-20-F-.125	2.91	2.35	1.50	1.13	0.75	0.42	NR	NR	NR	NR
DLP416-4-20-S-.188	5.50	4.70	3.40	2.90	2.40	1.70	1.30	1.00	0.90	0.80
DLP416-4-20-F-.188	5.30	4.50	3.20	2.60	2.10	1.30	0.70	NR	NR	NR
DLP416-5-20-S-.125	8.44	7.12	5.05	4.93	4.37	3.48	2.81	2.29	2.08	1.88
DLP416-5-20-S-.188	13.87	11.96	8.97	8.80	7.89	6.44	5.34	4.47	4.10	3.78
DLP416-5-20-F-.188	13.53	11.63	8.63	8.46	7.34	5.51	4.08	2.95	2.47	2.04
DLP416-5-20-S-.25	18.88	16.43	12.59	12.36	11.14	9.17	7.66	6.47	5.97	5.52
DLP416-5-20-F-.25	18.54	16.09	12.25	12.03	10.59	8.24	6.41	4.96	4.34	3.79
DLP416-4-22-S-.125	3.33	2.61	1.48	1.41	0.99	0.29	NR	NR	NR	NR
DLP416-4-22-F-.125	3.03	2.31	1.18	1.11	0.70	NR	NR	NR	NR	NR
DLP416-4-22-S-.188	4.20	3.50	2.30	1.90	1.40	0.80	0.60	NR	NR	NR
DLP416-4-22-F-.188	5.93	4.90	3.26	3.18	2.58	1.58	0.81	0.20	NR	NR
DLP416-5-22-S-.125	6.52	5.36	3.54	3.44	3.00	2.32	1.80	1.40	1.24	1.10
DLP416-5-22-S-.188	11.30	9.63	7.07	6.86	6.11	4.93	4.03	3.33	3.03	2.77
DLP416-5-22-F-.188	11.00	9.26	6.64	6.48	5.50	3.90	2.65	1.65	1.23	0.85
DLP416-5-22-S-.25	15.65	13.50	10.14	9.95	8.93	7.30	6.04	5.07	4.66	4.29
DLP416-5-22-F-.25	15.28	13.13	9.77	9.58	8.32	6.27	4.66	3.39	2.86	2.37
DLP416-4-24-S-.125	2.24	1.60	0.60	0.54	0.17	NR	NR	NR	NR	NR
DLP416-4-24-F-.125	1.92	1.28	0.28	0.22	NR	NR	NR	NR	NR	NR
DLP416-4-24-S-.188	3.10	2.40	1.40	1.00	0.60	NR	NR	NR	NR	NR
DLP416-4-24-F-.188	4.46	3.54	2.11	2.03	1.50	0.62	NR	NR	NR	NR
DLP416-5-24-S-.125	4.89	3.88	2.27	2.17	1.83	1.13	0.93	0.64	0.52	0.42
DLP416-5-24-S-.188	9.14	7.65	5.33	5.19	4.59	3.63	2.90	2.34	2.11	1.90
DLP416-5-24-F-.188	8.70	7.22	4.90	4.76	3.90	2.48	1.37	0.50	NR	NR
DLP416-5-24-S-.25	12.98	11.08	8.11	7.93	7.08	5.72	4.69	3.88	3.55	2.25
DLP416-5-24-F-.25	12.57	10.68	7.70	7.53	6.42	4.59	3.18	2.05	1.57	1.14

1882 Lighting provides this information as a guide only and assumes no liability for its use. Allowable pole EPA for jobsite 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.

DLP416
Decorative Aluminum Pole

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

FLORIDA REGION WIND MAP



- Florida region wind map above is based upon 3-second gust winds and the 2010 Florida Building Code

USA Express Options in Red.

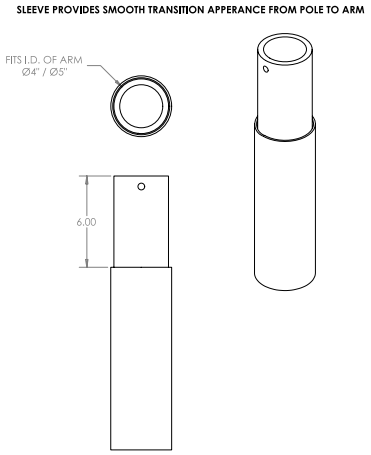
MODEL#	115	120	130	140	150	160	170	180
DLP416-4-10-S-.125	11.00	10.10	8.40	7.00	5.90	5.10	4.90	4.30
DLP416-4-10-F-.125	10.45	9.60	7.98	6.65	5.61	5.00	4.30	3.70
DLP416-4-10-S-.188	16.70	15.20	12.80	10.80	9.20	7.90	7.40	6.60
DLP416-4-10-F-.188	15.87	14.44	12.16	10.26	8.74	7.51	7.03	6.27
DLP416-5-10-S-.125	18.40	16.80	14.00	12.60	10.80	9.40	8.20	7.20
DLP416-5-10-S-.188	25.00	25.00	21.20	18.80	16.20	14.10	12.40	10.90
DLP416-5-10-F-.188	25.00	25.00	20.80	18.00	15.50	13.40	11.60	10.20
DLP416-5-10-S-.25	25.00	25.00	25.00	24.40	21.10	18.50	16.20	14.40
DLP416-5-10-F-.25	25.00	25.00	25.00	23.70	20.40	17.70	15.50	13.60
DLP416-4-12-S-.125	7.80	7.00	5.70	4.70	3.80	3.50	3.30	2.90
DLP416-4-12-F-.125	7.41	6.65	5.42	4.47	3.61	3.10	2.60	2.10
DLP416-4-12-S-.188	12.10	11.00	9.10	7.60	6.40	5.40	5.20	4.60
DLP416-4-12-F-.188	11.50	10.45	8.65	7.22	6.08	5.13	4.60	3.90
DLP416-5-12-S-.125	13.40	12.10	10.00	9.20	7.80	6.70	5.80	5.00
DLP416-5-12-S-.188	20.50	18.60	15.50	14.00	12.00	10.40	9.00	7.90
DLP416-5-12-F-.188	19.48	17.67	14.73	13.10	11.10	9.50	8.10	7.00
DLP416-5-12-S-.25	25.00	24.50	20.60	18.40	15.90	13.80	12.10	10.60
DLP416-5-12-F-.25	25.00	23.28	19.57	17.50	15.37	13.20	11.58	9.70
DLP416-4-14-S-.125	5.60	4.90	3.90	3.00	2.60	2.30	2.10	1.90
DLP416-4-14-F-.125	5.32	4.66	3.71	2.85	2.40	1.80	1.30	0.90
DLP416-4-14-S-.188	9.10	8.20	6.60	5.40	4.40	3.70	3.50	3.30
DLP416-4-14-F-.188	8.65	7.79	6.27	5.13	4.18	3.52	2.90	2.40
DLP416-5-14-S-.125	9.90	8.90	7.20	6.90	5.80	4.90	4.20	3.50
DLP416-5-14-S-.188	15.80	14.20	11.70	10.90	9.30	7.90	6.80	5.90
DLP416-5-14-F-.188	15.01	13.49	11.12	9.70	8.10	6.80	5.70	4.80
DLP416-5-14-S-.25	21.10	19.20	15.90	14.50	12.40	10.70	9.30	8.10
DLP416-5-14-F-.25	20.05	18.24	15.11	13.30	11.30	9.60	8.10	7.00
DLP416-4-16-S-.125	3.80	3.30	2.40	1.70	1.40	1.10	0.80	0.50
DLP416-4-16-F-.125	3.61	3.14	2.28	1.62	1.33	1.05	0.76	0.48
DLP416-4-16-S-.188	6.80	6.00	4.70	3.70	2.90	2.40	2.10	1.90
DLP416-4-16-F-.188	6.46	5.70	4.47	3.52	2.76	2.28	2.00	1.81
DLP416-5-16-S-.125	7.30	6.40	5.80	5.20	4.30	3.50	2.90	2.40
DLP416-5-16-S-.188	12.20	10.90	8.80	8.50	7.10	6.10	5.10	4.40
DLP416-5-16-F-.188	11.59	10.36	8.36	7.10	5.80	4.70	3.80	3.00
DLP416-5-16-S-.25	16.60	15.00	12.30	11.50	9.80	8.40	7.20	6.20
DLP416-5-16-F-.25	15.77	14.25	11.69	10.20	8.40	7.00	5.90	4.90

MODEL#	115	120	130	140	150	160	170	180
DLP416-4-18-S-.125	2.50	2.10	1.50	0.90	NR	NR	NR	NR
DLP416-4-18-F-.125	2.38	2.00	1.43	0.86	NR	NR	NR	NR
DLP416-4-18-S-.188	4.80	4.20	3.20	2.50	1.80	1.30	1.10	0.80
DLP416-4-18-F-.188	4.56	3.99	3.04	2.38	1.71	1.24	1.05	0.76
DLP416-5-18-S-.125	5.20	4.40	3.90	3.40	3.00	2.40	1.90	1.40
DLP416-5-18-S-.188	9.30	8.20	6.50	6.60	5.40	4.50	3.80	3.10
DLP416-5-18-F-.188	8.84	7.79	6.18	5.00	3.90	3.00	2.20	1.60
DLP416-5-18-S-.25	13.00	11.70	9.40	9.10	7.70	6.50	5.50	4.70
DLP416-5-18-F-.25	12.35	11.12	8.93	7.60	6.10	4.90	4.00	3.10
DLP416-4-20-S-.125	1.50	1.10	0.60	NR	NR	NR	NR	NR
DLP416-4-20-F-.125	1.43	1.05	0.57	NR	NR	NR	NR	NR
DLP416-4-20-S-.188	3.40	2.90	2.10	1.40	0.80	NR	NR	NR
DLP416-4-20-F-.188	3.23	2.76	2.00	1.33	0.76	NR	NR	NR
DLP416-5-20-S-.125	3.40	3.20	2.80	2.40	2.00	1.50	1.00	0.70
DLP416-5-20-S-.188	7.00	6.10	5.20	4.60	4.10	3.30	2.60	2.10
DLP416-5-20-F-.188	6.65	5.80	4.60	3.40	2.40	1.60	1.00	0.40
DLP416-5-20-S-.25	10.20	9.00	7.70	7.30	6.00	5.00	4.10	3.40
DLP416-5-20-F-.25	9.69	8.55	7.32	5.60	4.30	3.30	2.40	1.70
DLP416-4-22-S-.188	2.30	1.80	1.10	0.50	NR	NR	NR	NR
DLP416-4-22-F-.188	2.19	1.71	1.05	0.48	NR	NR	NR	NR
DLP416-5-22-S-.188	5.10	4.30	3.70	3.30	3.00	2.30	1.70	1.30
DLP416-5-22-F-.188	4.85	4.09	3.00	1.90	1.10	0.40	NR	NR
DLP416-5-22-S-.25	7.90	6.90	5.90	5.70	4.70	3.80	3.00	2.40
DLP416-5-22-F-.25	7.51	6.56	5.20	3.90	2.80	1.90	1.20	0.50
DLP416-4-24-S-.188	1.30	0.90	NR	NR	NR	NR	NR	NR
DLP416-4-24-F-.188	1.24	0.86	NR	NR	NR	NR	NR	NR
DLP416-5-24-S-.188	3.50	2.80	2.70	2.40	2.10	1.50	1.00	0.50
DLP416-5-24-F-.188	3.33	2.66	1.60	0.70	NR	NR	NR	NR
DLP416-5-24-S-.25	6.00	5.10	4.70	4.50	3.50	2.70	2.10	1.50
DLP416-5-24-F-.25	5.70	4.85	3.60	2.40	1.50	0.70	NR	NR

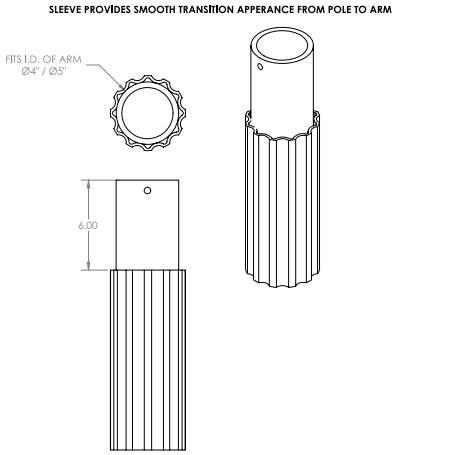
1882 Lighting provides this information as a guide only and assumes no liability for its use. Allowable pole EPA for jobsite wind conditions must be equal to or greater than fixture mount EPA. Responsibility lies with the specifier for the correct pole selection based on A.N.S.I. wind map and job location.

DLP416
Decorative Aluminum Pole

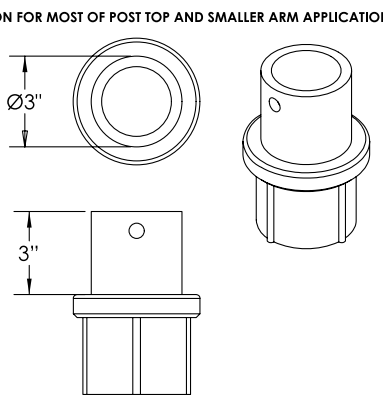
Sleeve (SLV) Smooth



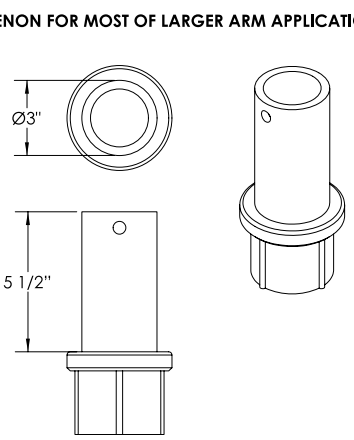
Sleeve (SLV) Fluted



Tenon Options

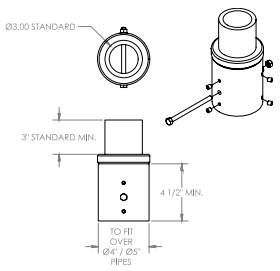


3" Tenon (T300)

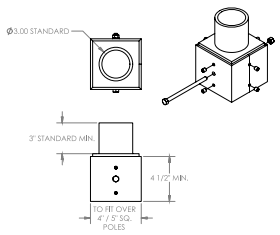


5 1/2" Tenon (T355)

Tenon Adaptor (Ordered Separately)



Round Tenon Adaptor (TAR)



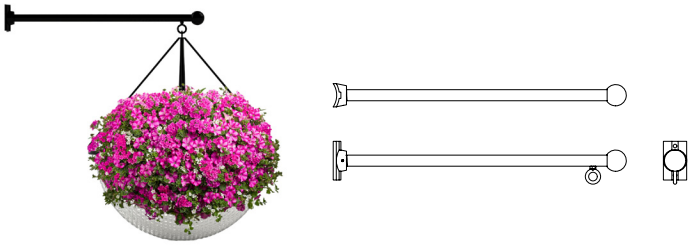
Square Tenon Adaptor (TAS)

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

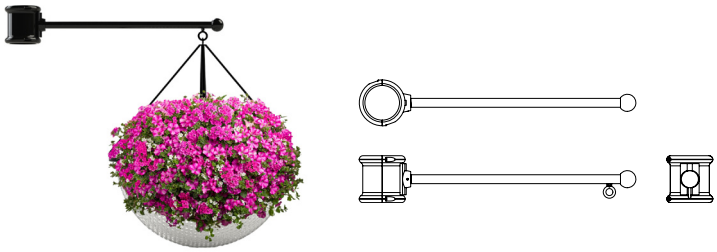
- **Size of fixture ID**
- **Size of pole OD**
- **If adapting to an existing tenon: provide length, width & height needed**

DLP416
Decorative Aluminum Pole

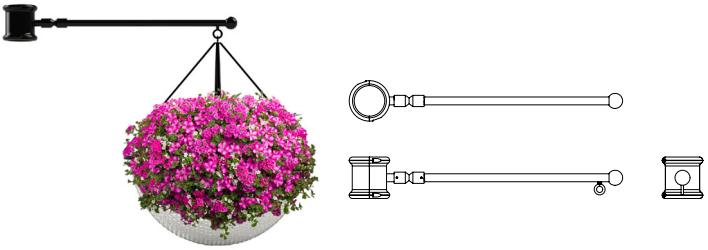
Plant Hanger (Ordered Separately)



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

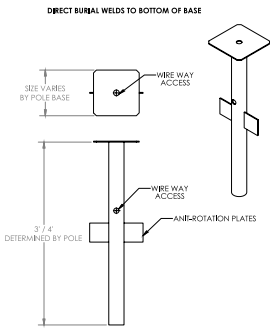
The GFI is supplied for mounting to an outlet opening, in the pole shaft, with a gasket and stainless steel screws (provided by others). Available in plastic (GFIP) or cast (GFIC).

Dual USB Port (USB)

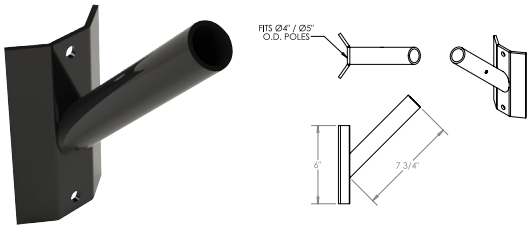
*Photo is a representation. The exact USB may differ.

DLP416
Decorative Aluminum Pole

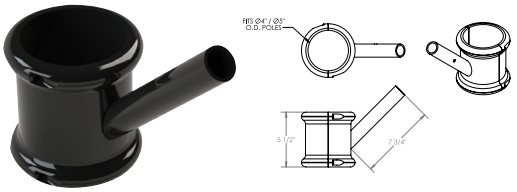
Direct Burial Shaft (DBS)



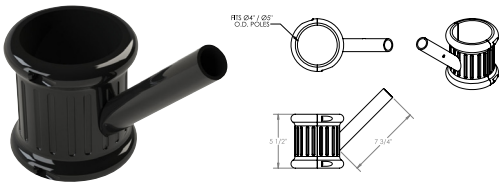
Flagholder (Ordered Separately)



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

DLP416
Decorative Aluminum Pole

Finial Choice

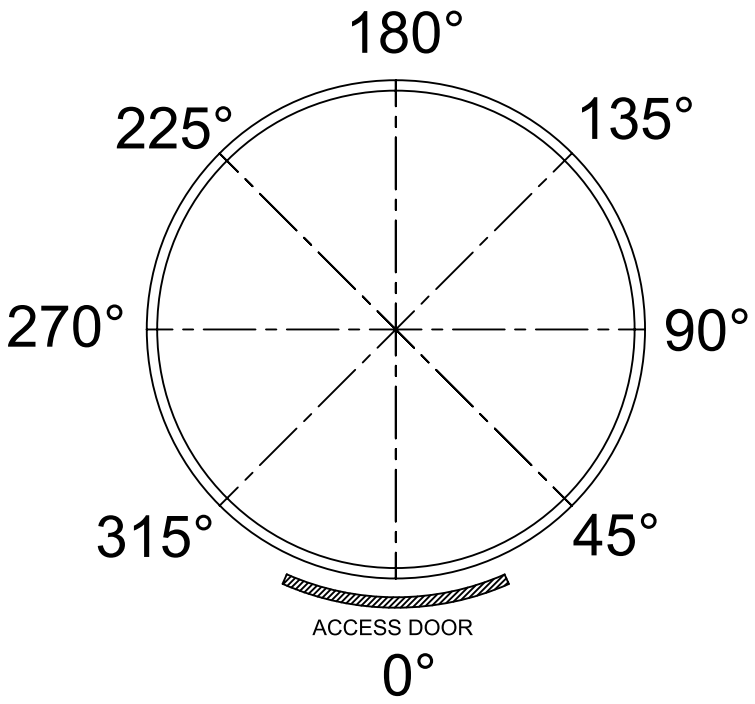
PF1 PF2 PF3 PF4

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.