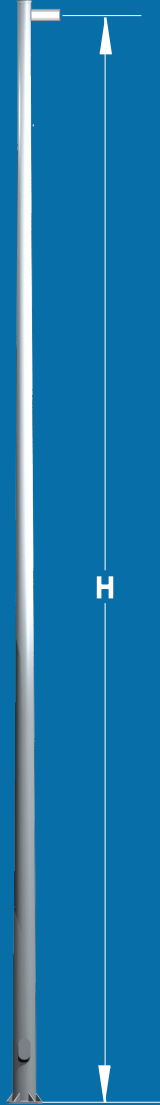




LIGHTING NETWORKS



PF Round Tapered Aluminum Poles

APPLICATION

Round Tapered 'PF' pole applications include bridges, street, highway, parking lot, residential and area lighting.

SPECIFICATIONS

The pole shaft will be tapered from a 6063 aluminum extruded alloy tube and shall be heat treated to T6 after welding.

EQUIPMENT

Poles are supplied complete with grounding lug, hand hole and cover and four shims. The 5" and 6" diameter pole have a 2.5" x 5" hand hole while the 7", 8" and 10" diameter poles have a 4" x 7" hand hole. Poles using 3/4" x 24" anchor bolts are supplied complete with a spun aluminum base cover while 7", 8" and 10" diameter poles are supplied complete with four snap-on aluminum bolt covers.

NOTE: if required, pole caps are to be ordered separately depending on application.

The anchor bolt kit which includes one foundation template*, four anchor bolts, eight washers and eight nuts is to be ordered separately and can be pre-shipped by indicating this requirement on the order. Direct burial (DB) poles are supplied complete with below grade 2" x 9" wiring slot. Buried portion of pole is coated with an alkali-resistant coal tar epoxy.

*NOTE: On large orders one template is supplied for every five poles ordered.

FINISH

Standard finish is a rotary polished aluminum. Painted and anodized finishes are also available. Consult your representative for details.

ORDERING INFORMATION

PF 35 - 10 55 E - AB 1 A - 1

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- | | | |
|---|---|--|
| 1- Pole Style
PF = TAPERED ROUND | 4- Top Diameter
30 = 3.0"
35 = 3.5"
40 = 4.0"
45 = 4.5"
50 = 5.0"
55 = 5.5"
80 = 8.0" | 7- Base Type
AB = ANCHOR BOLT BASE
DB = DIRECT BURIAL |
| 2- Mounting Height
10 = 10' 25 = 25'
12 = 12' 30 = 30'
15 = 15' 35 = 35'
18 = 18' 40 = 40'
20 = 20' | 5- Thickness
A = .125"
B = .156"
C = .188"
E = .250" | 8- Mounting Type
D = Drill Pattern
6 = 2 3/8" TENON 6" LONG
8 = 2 3/8" TENON 8" LONG
12 = 2 3/8" TENON 12" LONG |
| 3- Bottom Diameter
4 = 4"
5 = 5"
6 = 6"
7 = 7"
8 = 8"
10 = 10"
12 = 12" | 6- Color Option
- = POLISHED
1 = BLACK
2 = LIGHT GREY
2 = BRONZE | 9- Receptacle Option
A = ABOVE HAND HOLE
B = 10FT FROM BASE
C = 2FT FROM POLE TOP |
| | | 10- Mounting Arrangement
1 = Single
2 = Back to Back
3 = Triple (60 degrees)
4 = Quad |

Elumen Lighting Networks
 1155, boul. René-Lévesque O
 Suite 2500
 Montreal, Québec
 H3B 2K4
 T. 514•876•1010
 F. 514•876•1010

www.elumenlighting.com



GREENLIGHT INITIATIVE - New York, NY - Ph: (718) 784-4440 - Fax: (718) 228-8202 - Toll Free: 888-788-LEDS (5337) Sales@lednyc.com - info@lednyc.com - www.LEDnyc.com

PF Round Tapered Aluminum Poles



POLE SPECIFICATION GUIDE

Length L Feet	CATALOG NUMBER	TAPER Inches	WALL Inches	ANCHOR BASE DETAIL						DIRECT BURIAL DEPTH D Feet	EPA				
				CATALOG NUMBER	A Inches	BC Inches	S In.	Bolts Inches	E In.		80 mph	90 mph	100 mph	110 mph	120 mph
10	PF10-535A-AB	5 - 3 ¹ / ₂	.125	ABK75-075	5 ⁵ / ₁₆	7 ¹ / ₂	9	3/4 x 24	2	3'6"	12.9	9.9	7.7	6.0	4.7
	PF10-535B-AB	5 - 3 ¹ / ₂	.156								16.8	13.1	10.4	8.2	6.6
	PF10-535C-AB	5 - 3 ¹ / ₂	.188								20.8	16.3	13.0	10.4	8.5
12	PF12-535A-AB	5 - 3 ¹ / ₂	.125	ABK75-075	5 ⁵ / ₁₆	7 ¹ / ₂	9	3/4 x 24	2	3'6"	10.3	7.7	5.8	4.4	3.3
	PF12-535B-AB	5 - 3 ¹ / ₂	.156								13.6	10.4	8.0	6.2	4.8
	PF12-535C-AB	5 - 3 ¹ / ₂	.188								17.0	13.1	10.3	8.1	6.4
15	PF15-535A-AB	5 - 3 ¹ / ₂	.125	ABK75-075	5 ⁵ / ₁₆	7 ¹ / ₂	9	3/4 x 24	2	3'6"	6.2	4.7	3.6	2.4	1.5
	PF15-535B-AB	5 - 3 ¹ / ₂	.156								8.5	6.7	5.4	3.9	2.8
	PF15-535C-AB	5 - 3 ¹ / ₂	.188								10.9	8.7	7.2	5.4	4.1
18	PF18-535B-AB	5 - 3 ¹ / ₂	.156	ABK75-075	5 ⁵ / ₁₆	7 ¹ / ₂	9	3/4 x 24	2	4'	6.1	4.5	3.3	2.1	1.1
	PF18-535C-AB	5 - 3 ¹ / ₂	.188	ABK75-075	5 ⁵ / ₁₆	7 ¹ / ₂	9	3/4 x 24	2		8.1	6.2	4.8	3.3	2.2
	PF18-635B-AB	6 - 3 ¹ / ₂	.156	ABK85-075	6	8 ¹ / ₂	10	3/4 x 24	2		10.4	8.1	6.5	4.7	3.3
	PF18-635C-AB	6 - 3 ¹ / ₂	.188	ABK85-075	6	8 ¹ / ₂	10	3/4 x 24	2		13.3	10.6	8.7	6.5	4.8
20	PF20-635B-AB	6 - 3 ¹ / ₂	.156	ABK85-075	6	8 ¹ / ₂	10	3/4 x 24	2	4'	8.5	6.4	4.8	3.2	1.9
	PF20-635C-AB	6 - 3 ¹ / ₂	.188								11.0	8.5	6.8	4.8	3.3
	PF20-645B-AB	6 - 4 ¹ / ₂	.156								8.1	6.0	4.4	2.7	2.4
	PF20-645C-AB	6 - 4 ¹ / ₂	.188								10.6	8.1	6.3	4.4	3.7
25	PF25-745B-AB	7 - 4 ¹ / ₂	.156	ABK105-1	7 ⁷ / ₁₆	10 - 11	11	1 x 30	2 ¹ / ₂	4'6"	7.5	5.1	3.3	1.5	1.3
	PF25-745C-AB	7 - 4 ¹ / ₂	.188	ABK105-1	7 ⁷ / ₁₆	10 - 11	11	1 x 30	2 ¹ / ₂		10.3	7.5	5.4	3.2	2.8
	PF25-845B-AB	8 - 4 ¹ / ₂	.156	ABK115-1	8 ¹ / ₈	11 - 12	12	1 x 30	2 ³ / ₄		11.4	8.4	6.1	3.7	3.2
	PF25-845C-AB	8 - 4 ¹ / ₂	.188	ABK115-1	8 ¹ / ₈	11 - 12	12	1 x 30	2 ³ / ₄		15.0	11.4	8.8	6.0	5.1
30	PF30-845B-AB	8 - 4 ¹ / ₂	.156	ABK115-1	8 ¹ / ₈	11 - 12	12	1 x 30	2 ³ / ₄	5'	6.8	4.1	2.0	0.1	-
	PF30-845C-AB	8 - 4 ¹ / ₂	.188	ABK115-1	8 ¹ / ₈	11 - 12	12	1 x 30	2 ³ / ₄		9.7	6.6	4.2	1.9	1.7
	PF30-845E-AB	8 - 4 ¹ / ₂	.250	ABK115-1	8 ¹ / ₈	11 - 12	12	1 x 30	2 ³ / ₄		15.2	11.3	8.4	5.4	4.6
	PF30-1055C-AB	10 - 5 ¹ / ₂	.188	ABK15-1	9 ⁷ / ₈	13 - 15	13	1 x 30	3		18.2	13.5	12.0	9.5	7.6
	PF30-1055E-AB	10 - 5 ¹ / ₂	.250	ABK15-1	9 ⁷ / ₈	13 - 15	13	1 x 30	3		27.0	21.0	18.7	15.0	12.3
35	PF35-845C-AB	8 - 4 ¹ / ₂	.188	ABK115-1	8 ¹ / ₈	11 - 12	12	1 x 30	2 ³ / ₄	5'6"	5.6	2.8	0.5	-	-
	PF35-845E-AB	8 - 4 ¹ / ₂	.250	ABK115-1	8 ¹ / ₈	11 - 12	12	1 x 30	2 ³ / ₄		10.2	6.7	4.0	1.5	1.3
	PF35-1055C-AB	10 - 5 ¹ / ₂	.188	ABK15-1	9 ⁷ / ₈	13 - 15	13	1 x 30	3		12.5	8.2	7.3	5.5	4.1
	PF35-1055E-AB	10 - 5 ¹ / ₂	.250	ABK15-1	9 ⁷ / ₈	13 - 15	13	1 x 30	3		19.9	14.5	12.9	10.1	8.0
40	PF40-845C-AB	8 - 4 ¹ / ₂	.188	ABK115-1	8 ¹ / ₈	11 - 12	12	1 x 30	2 ³ / ₄	6'0"	2.2	-	-	-	-
	PF40-845E-AB	8 - 4 ¹ / ₂	.250	ABK115-1	8 ¹ / ₈	11 - 12	12	1 x 30	2 ³ / ₄		6.2	3.0	0.4	-	-
	PF40-1055C-AB	10 - 5 ¹ / ₂	.188	ABK15-1	9 ⁷ / ₈	13 - 15	13	1 x 30	3		7.2	3.4	3.0	1.8	0.9
	PF40-1055E-AB	10 - 5 ¹ / ₂	.250	ABK15-145	9 ⁷ / ₈	13 - 15	13	1 ¹ / ₄ x 48	3		13.5	8.7	7.7	5.7	4.3

All EPAs are calculated with a total weight of 150 lbs. For other weights, please contact factory.

