



# Curved Aluminium Poles

## APPLICATION

Curved "C" pole applications include bridges, street, highway, parking lot, residential and area lighting.

## SPECIFICATION

The pole shaft will be tapered from a 6063 aluminum extruded alloy tube and shall be heat treated to T6 after welding. The arms are tapered to 2" IPS (2 3/8" outside diameter).

## EQUIPMENT

Poles are supplied complete with grounding lug, 4" x 7" hand hole and cover, four shims and four snap-on aluminum anchor bolt covers. 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.

## WIND LOAD

All EPAs are calculated with a total weight of 150 lbs and wind with a 1.3 gust factor.

For more information on EPAs or a specific requirement, please contact your representative for details.

## ORDERING INFORMATION

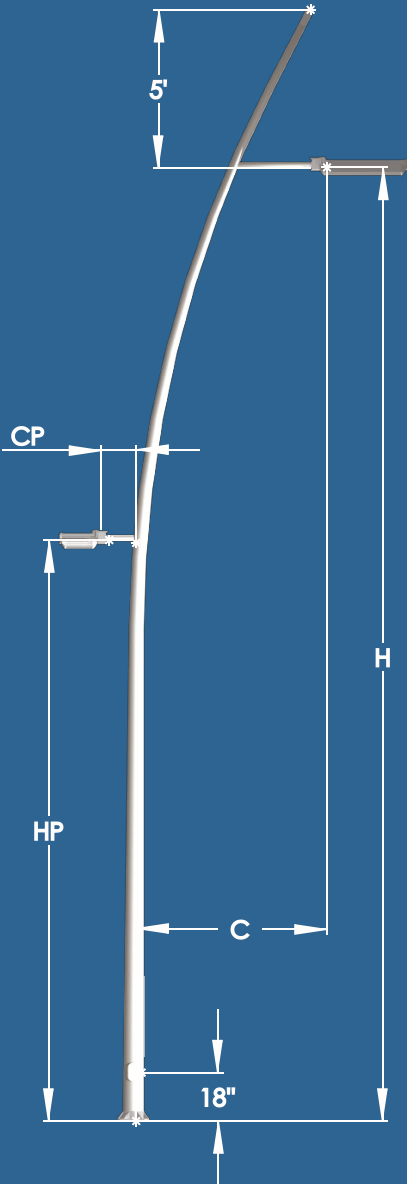
**C 3 5 - 1 0 5 5 E - A B 1 A**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- |   |  |  |
|---|--|--|
| 1- Pole Style<br>C = CURVED   | 4- Top Diameter<br>35 = 3.5"                                     | 7- Base Type<br>AB = ANCHOR BOLT BASE<br>DB = DIRECT BURIAL                                |
| 2- H Mounting Height<br>15 = 15' 25 = 25'<br>18 = 18' 30 = 30'<br>20 = 20' 35 = 35'<br>40 = 40' | 5- Thickness<br>A = .125"<br>B = .156"<br>C = .188"<br>E = .250" | 8- C Overhang<br>3 = 3'<br>4 = 4'<br>6 = 6'<br>8 = 8'<br>9 = 9'                            |
| 3- Bottom Diameter<br>5 = 5"<br>6 = 6"<br>7 = 7"<br>8 = 8"<br>10 = 10"                          | 6- Color Option<br>- = POLISHED<br>2 = LIGHT GREY                | 9- Receptacle Option<br>A = ABOVE HAND HOLE<br>B = 10FT FROM BASE<br>C = 2FT FROM MOUNTING |

### Second Light option

<b>HP 1 5 - 6</b>		
⑩	⑪	⑫
10- Option HP = Pedestrian	12- CP Overhang	
	1 = 1'	
	2 = 2'	
	3 = 3'	
11- HP Height	8 = 8'	
12 = 12'	9 = 9'	
15 = 15'		
18 = 18'		



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## POLE SPECIFICATION GUIDE

Length H Feet	CATALOG NUMBER	TAPER Inches	WALL Inches	ANCHORBASE 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
15	C15-535A-AB	5 - 3 <sup>1</sup> / <sub>2</sub>	.125	ABK75-075	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	9	3/4 x 24	2	3'6"	6.2	4.7	3.6	2.4	1.5
	C15-535B-AB	5 - 3 <sup>1</sup> / <sub>2</sub>	.156								8.5	6.7	5.4	3.9	2.8
	C15-535C- AB	5 - 3 <sup>1</sup> / <sub>2</sub>	.188								10.9	8.7	7.2	5.4	4.1
18	C18-535B-AB	5 - 3 <sup>1</sup> / <sub>2</sub>	.156	ABK75-075	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	9	3/4 x 24	2	4'	6.1	4.5	3.3	2.1	1.1
	C18-535C- AB	5 - 3 <sup>1</sup> / <sub>2</sub>	.188	ABK75-075	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	9	3/4 x 24	2		8.1	6.2	4.8	3.3	2.2
	C18-635B-AB	6 - 3 <sup>1</sup> / <sub>2</sub>	.156	ABK85-075	6	8 <sup>1</sup> / <sub>2</sub>	10	3/4 x 24	2		10.4	8.1	6.5	4.7	3.3
	C18-635C- AB	6 - 3 <sup>1</sup> / <sub>2</sub>	.188	ABK85-075	6	8 <sup>1</sup> / <sub>2</sub>	10	3/4 x 24	2		13.3	10.6	8.7	6.5	4.8
20	C20-635B-AB	6 - 3 <sup>1</sup> / <sub>2</sub>	.156	ABK85-075	6	8 <sup>1</sup> / <sub>2</sub>	10	3/4 x 24	2	4'	8.5	6.4	4.8	3.2	1.9
	C20-635C- AB	6 - 3 <sup>1</sup> / <sub>2</sub>	.188								11.0	8.5	6.8	4.8	3.3
	C20-645B-AB	6 - 3 <sup>1</sup> / <sub>2</sub>	.156								8.1	6.0	4.4	2.7	2.4
	C20-645C- AB	6 - 3 <sup>1</sup> / <sub>2</sub>	.188								10.6	8.1	6.3	4.4	3.7
25	C25-745B-AB	7 - 3 <sup>1</sup> / <sub>2</sub>	.156	ABK105-1	7 <sup>7</sup> / <sub>16</sub>	10 - 11	11	1 x 30	2 <sup>1</sup> / <sub>2</sub>	4'6"	7.5	5.1	3.3	1.5	1.3
	C25-745C- AB	7 - 3 <sup>1</sup> / <sub>2</sub>	.188	ABK105-1	7 <sup>7</sup> / <sub>16</sub>	10 - 11	11	1 x 30	2 <sup>1</sup> / <sub>2</sub>		10.3	7.5	5.4	3.2	2.8
	C25-845B-AB	8 - 3 <sup>1</sup> / <sub>2</sub>	.156	ABK115-1	8 <sup>1</sup> / <sub>8</sub>	11 - 12	12	1 x 30	2 <sup>3</sup> / <sub>4</sub>		11.4	8.4	6.1	3.7	3.2
	C25-845C- AB	8 - 3 <sup>1</sup> / <sub>2</sub>	.188	ABK115-1	8 <sup>1</sup> / <sub>8</sub>	11 - 12	12	1 x 30	2 <sup>3</sup> / <sub>4</sub>		15.0	11.4	8.8	6.0	5.1
30	C30-845B-AB	8 - 3 <sup>1</sup> / <sub>2</sub>	.156	ABK115-1	8 <sup>1</sup> / <sub>8</sub>	11 - 12	12	1 x 30	2 <sup>3</sup> / <sub>4</sub>	5'	6.8	4.1	2.0	0.1	-
	C30-845C- AB	8 - 3 <sup>1</sup> / <sub>2</sub>	.188	ABK115-1	8 <sup>1</sup> / <sub>8</sub>	11 - 12	12	1 x 30	2 <sup>3</sup> / <sub>4</sub>		9.7	6.6	4.2	1.9	1.7
	C30-845E-AB	8 - 3 <sup>1</sup> / <sub>2</sub>	.250	ABK115-1	8 <sup>1</sup> / <sub>8</sub>	11 - 12	12	1 x 30	2 <sup>3</sup> / <sub>4</sub>		15.2	11.3	8.4	5.4	4.6
	C30-1055C-AB	10 - 3 <sup>1</sup> / <sub>2</sub>	.188	ABK15-1	9 <sup>7</sup> / <sub>8</sub>	13 - 15	13	1 x 30	3		18.2	13.5	12.0	9.5	7.6
	C30-1055E-AB	10 - 3 <sup>1</sup> / <sub>2</sub>	.250	ABK15-1	9 <sup>7</sup> / <sub>8</sub>	13 - 15	13	1 x 30	3		27.0	21.0	18.7	15.0	12.3
35	C35-845C- AB	8 - 3 <sup>1</sup> / <sub>2</sub>	.188	ABK115-1	8 <sup>1</sup> / <sub>8</sub>	11 - 12	12	1 x 30	2 <sup>3</sup> / <sub>4</sub>	5'6"	5.6	2.8	0.5	-	-
	C35-845E-AB	8 - 3 <sup>1</sup> / <sub>2</sub>	.250	ABK115-1	8 <sup>1</sup> / <sub>8</sub>	11 - 12	12	1 x 30	2 <sup>3</sup> / <sub>4</sub>		10.2	6.7	4.0	1.5	1.3
	C35-1055C-AB	10 - 3 <sup>1</sup> / <sub>2</sub>	.188	ABK15-1	9 <sup>7</sup> / <sub>8</sub>	13 - 15	13	1 x 30	3		12.5	8.2	7.3	5.5	4.1
	C35-1055E-AB	10 - 3 <sup>1</sup> / <sub>2</sub>	.250	ABK15-1	9 <sup>7</sup> / <sub>8</sub>	13 - 15	13	1 x 30	3		19.9	14.5	12.9	10.1	8.0
40	C40-845C- AB	8 - 3 <sup>1</sup> / <sub>2</sub>	.188	ABK115-1	8 <sup>1</sup> / <sub>8</sub>	11 - 12	12	1 x 30	2 <sup>3</sup> / <sub>4</sub>	6'0"	2.2	-	-	-	-
	C40-845E-AB	8 - 3 <sup>1</sup> / <sub>2</sub>	.250	ABK115-1	8 <sup>1</sup> / <sub>8</sub>	11 - 12	12	1 x 30	2 <sup>3</sup> / <sub>4</sub>		6.2	3.0	0.4	-	-
	C40-1055C-AB	10 - 3 <sup>1</sup> / <sub>2</sub>	.188	ABK15-1	9 <sup>7</sup> / <sub>8</sub>	13 - 15	13	1 x 30	3		7.2	3.4	3.0	1.8	0.9
	C40-1055E-AB	10 - 3 <sup>1</sup> / <sub>2</sub>	.250	ABK15-145	9 <sup>7</sup> / <sub>8</sub>	13 - 15	13	1 <sup>1</sup> / <sub>4</sub> 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.

