



# E - Elliptical Arm Aluminum Poles

## APPLICATION

Elliptical "E" arm pole applications include street, highway, parking lot, residential and area lighting.

## SPECIFICATIONS

The pole shaft and arm will be tapered from a 6063 aluminum extruded alloy tube and shall be heat treated to T6 after welding. Elliptical arm(s) are detachable for shipping and easy wiring of the pole. The arm(s) 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. Arm attachment hardware is also supplied (two 5/8"-11 stainless steel bolts, washers and nuts).

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

Elliptical ("E") poles are suitable to support a luminaire not exceeding an EPA of 2.5 sq. ft. and 60 lbs in a 100 M.P.H. wind with a 1.3 gust factor. For more information on EPAs or a specific requirement, please contact your representative for details.

## ORDERING INFORMATION



### 1- Pole Style

E = ELLIPTICAL

### 2- Mounting Height

20 = 20'  
25 = 25'  
30 = 30'  
35 = 35'  
40 = 40'

### 3- Length of Arm

2 = 2'  
4 = 4'  
6 = 6'  
8 = 8'  
10 = 10'

### 4- Number of Arms

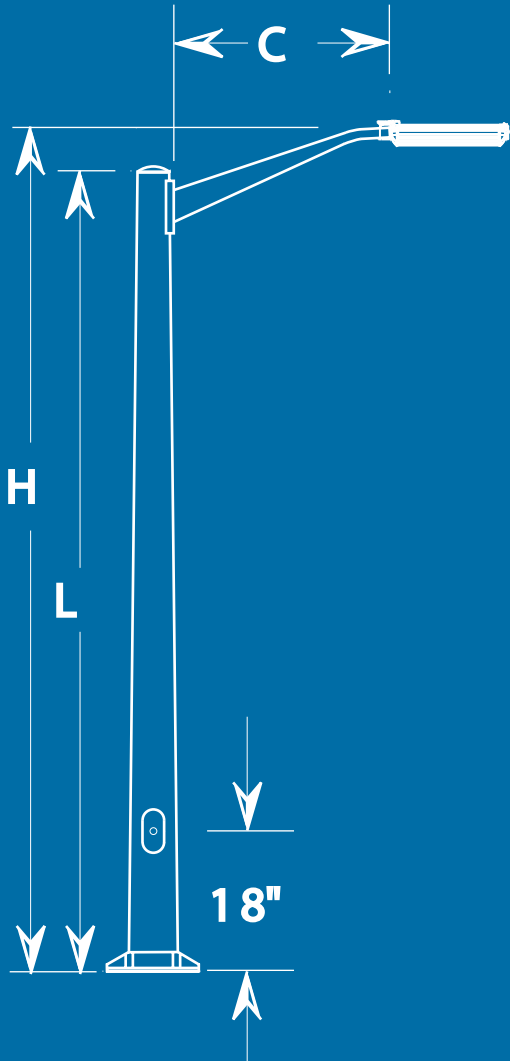
1 = SINGLE ARM  
2 = DOUBLE ARM  
3 = TRIPLE ARM

### 5- Color Options

- = POLISHED  
1 = BLACK  
2 = LIGHT GREY  
3 = BRONZE  
7 = WHITE

### 6- Base Type

AB = ANCHOR BOLT BASE  
DB = DIRECT BURIAL



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## POLE SPECIFICATION GUIDE

NOMINAL MOUNTING HEIGHT	CATALOG NUMBER	# of ARMS	SHAFT SIZE			ARM SIZE			ANCHOR BASE DETAIL						DIRECT BURIAL	
			Length	Taper	Wall	Length	Taper	Wall	CATALOG NUMBER	A	BC	S	Bolts	E		D
H Feet			L Feet	Inches	Inches	C Feet	Inches	Inches		Inches	Inches	In.	Inches	Inches	Feet	
20	E20-41-AB	1	19	7-4 <sup>1</sup> / <sub>2</sub>	0.156	4	3-2 <sup>3</sup> / <sub>8</sub>	0.125	ABK105-1	7 <sup>7</sup> / <sub>16</sub>	10-11	11	1	x30	2 <sup>1</sup> / <sub>2</sub>	4'0"
	E20-42-AB	2	19	7-4 <sup>1</sup> / <sub>2</sub>	0.156	4	3-2 <sup>3</sup> / <sub>8</sub>	0.125								
	E20-61-AB	1	19	7-4 <sup>1</sup> / <sub>2</sub>	0.156	6	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E20-62-AB	2	19	7-4 <sup>1</sup> / <sub>2</sub>	0.156	6	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E20-81-AB	1	19	7-4 <sup>1</sup> / <sub>2</sub>	0.156	8	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E20-82-AB	2	19	7-4 <sup>1</sup> / <sub>2</sub>	0.188	8	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
25	E25-41-AB	1	22	7-4 <sup>1</sup> / <sub>2</sub>	0.156	4	3-2 <sup>3</sup> / <sub>8</sub>	0.125	ABK105-1	7 <sup>7</sup> / <sub>16</sub>	10-11	11	1	x30	2 <sup>1</sup> / <sub>2</sub>	4'6"
	E25-42-AB	2	22	7-4 <sup>1</sup> / <sub>2</sub>	0.156	4	3-2 <sup>3</sup> / <sub>8</sub>	0.125								
	E25-61-AB	1	22	7-4 <sup>1</sup> / <sub>2</sub>	0.156	6	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E25-62-AB	2	22	7-4 <sup>1</sup> / <sub>2</sub>	0.156	6	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E25-81-AB	1	22	7-4 <sup>1</sup> / <sub>2</sub>	0.156	8	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E25-82-AB	2	22	7-4 <sup>1</sup> / <sub>2</sub>	0.188	8	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
30	E30-41-AB	1	27	8-4 <sup>1</sup> / <sub>2</sub>	0.156	4	3-2 <sup>3</sup> / <sub>8</sub>	0.125	ABK115-1	8 <sup>1</sup> / <sub>8</sub>	11-12	12	1	x30	2 <sup>3</sup> / <sub>4</sub>	5'0"
	E30-42-AB	2	27	8-4 <sup>1</sup> / <sub>2</sub>	0.156	4	3-2 <sup>3</sup> / <sub>8</sub>	0.125								
	E30-61-AB	1	27	8-4 <sup>1</sup> / <sub>2</sub>	0.156	6	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E30-62-AB	2	27	8-4 <sup>1</sup> / <sub>2</sub>	0.156	6	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E30-81-AB	1	27	8-4 <sup>1</sup> / <sub>2</sub>	0.156	8	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E30-82-AB	2	27	8-4 <sup>1</sup> / <sub>2</sub>	0.188	8	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
35	E35-41-AB	1	32	8-4 <sup>1</sup> / <sub>2</sub>	0.188	4	3-2 <sup>3</sup> / <sub>8</sub>	0.125	ABK115-1	8 <sup>1</sup> / <sub>8</sub>	11-12	12	1	x30	2 <sup>3</sup> / <sub>4</sub>	5'6"
	E35-42-AB	2	32	8-4 <sup>1</sup> / <sub>2</sub>	0.188	4	3-2 <sup>3</sup> / <sub>8</sub>	0.125								
	E35-61-AB	1	32	8-4 <sup>1</sup> / <sub>2</sub>	0.188	6	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E35-62-AB	2	32	8-4 <sup>1</sup> / <sub>2</sub>	0.250	6	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E35-81-AB	1	32	8-4 <sup>1</sup> / <sub>2</sub>	0.188	8	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E35-82-AB	2	32	8-4 <sup>1</sup> / <sub>2</sub>	0.250	8	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
40	E40-41-AB	1	37	10-5 <sup>1</sup> / <sub>2</sub>	0.188	4	3-2 <sup>3</sup> / <sub>8</sub>	0.125	ABK15-1	9 <sup>7</sup> / <sub>8</sub>	13-15	13	1	x30	3	6'0"
	E40-42-AB	2	37	10-5 <sup>1</sup> / <sub>2</sub>	0.188	4	3-2 <sup>3</sup> / <sub>8</sub>	0.125								
	E40-61-AB	1	37	10-5 <sup>1</sup> / <sub>2</sub>	0.188	6	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E40-62-AB	2	37	10-5 <sup>1</sup> / <sub>2</sub>	0.188	6	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E40-81-AB	1	37	10-5 <sup>1</sup> / <sub>2</sub>	0.188	8	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								
	E40-82-AB	2	37	10-5 <sup>1</sup> / <sub>2</sub>	0.188	8	3 <sup>1</sup> / <sub>2</sub> -2 <sup>3</sup> / <sub>8</sub>	0.125								

