



# SA Straight Square Aluminum Poles

### APPLICATION

Straight square "SA" poles are suitable for street, parking lot, residential and area lighting.

### SPECIFICATION

Straight square aluminum poles can be supplied in 4", 5" or 6" diameter sizes and are made of 6063 aluminum alloy tube heat treated to T6 after welding. All sizes are available in .125", .188" and .250" wall thicknesses.

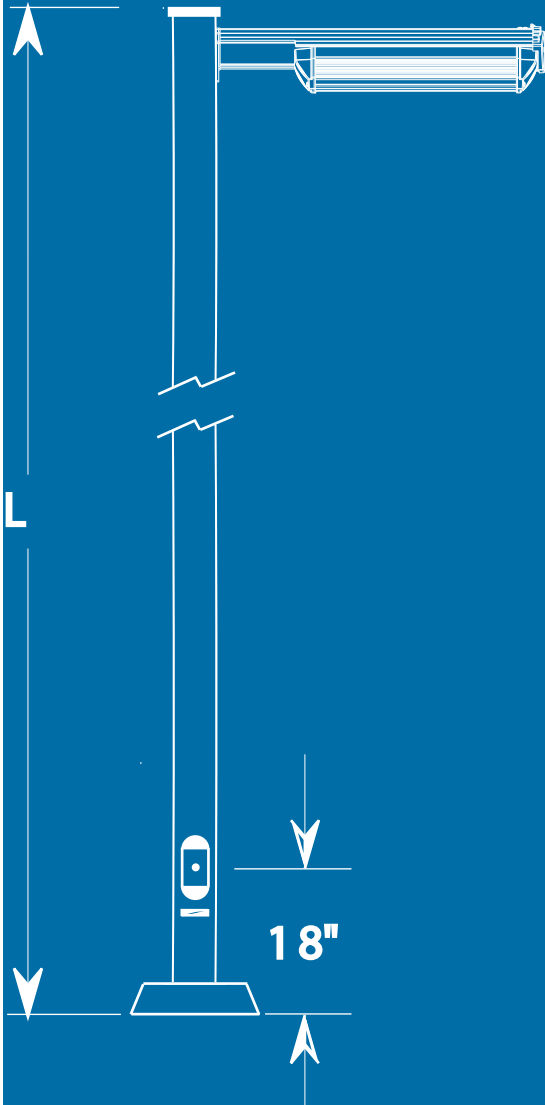
### EQUIPMENT

Poles are supplied complete with grounding lug, hand hole and cover, four shims, full base covers are optional and removable pole cap, (except with tenon option). All poles are supplied with a 2 1/2" x 5" hand hole and can be drilled to accept luminaires (customer must supply drilling template or drawing with the order).

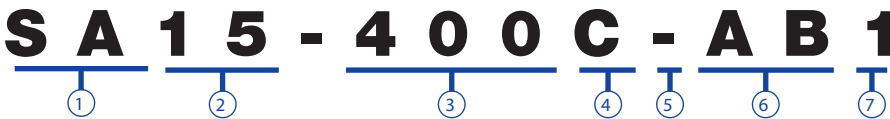
The anchor bolt kit which includes one foundation template\*, four anchor bolts, eight washers and eight nuts is to be ordered separately and can be pre-shipped by indicating this requirement on the order.  
\*NOTE: On large orders one template is supplied for every five poles ordered.

### FINISH

The standard finish is dark bronze baked enamel paint. Other colors are available to match luminaires. Consult your representative for details.



### ORDERING INFORMATION



#### 1- Pole Style

SA = STRAIGHT SQUARE

#### 2- Mounting Height

- 10 = 10'
- 12 = 12'
- 15 = 15'
- 18 = 18'
- 20 = 20'
- 25 = 25'
- 30 = 30'

#### 3- Pole Size

- 400 = 4"
- 500 = 5"
- 600 = 6"

#### 4- Thickness

- A = .125"
- C = .188"
- E = .250"

#### 5- Color Option

- = RAW ALUMINUM
- 1 = BLACK
- 2 = LIGHT GREY
- 3 = BRONZE

#### 6- Base Type

AB = ANCHOR BOLT BASE

#### 7- Mounting Type

- 1 = 2 3/8" TENON 4.25" LONG.
- 2 = 2 7/8" TENON 4.25" LONG.
- D = DRILLING DETAIL \*

\* NOTE: Drilling pattern must be supplied with order when drilling is required

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Area Lighting



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## POLE SPECIFICATION GUIDE

Length <b>L</b> Feet	CATALOG NUMBER	POLE SIZE Inches	WALL THICKNESS Inches	ANCHOR BASE DETAIL						EPA				
				CATALOG NUMBER	<b>A</b> Inches	<b>BC</b> Inches	<b>S</b> Inches	Bolts Inches	<b>E</b> Inches	80 mph	90 mph	100 mph	110 mph	120 mph
<b>10</b>	<b>SA10-400C-AB</b>	4	0.188	<b>ABK85-075</b>	6	8 <sup>1</sup> / <sub>2</sub>	8	3/4 x 24	2	18.4	14.2	11.0	8.7	6.9
<b>12</b>	<b>SA12-400C-AB</b>	4	0.188							14.5	10.9	8.2	6.2	4.7
<b>15</b>	<b>SA15-400C-AB</b>	4	0.188							10.2	7.2	5.0	3.3	2.0
<b>18</b>	<b>SA18-400C-AB</b>	4	0.188							6.8	4.2	2.2	0.7	-
<b>20</b>	<b>SA20-400C-AB</b>	4	0.188							4.7	2.3	0.4	-	-
<b>15</b>	<b>SA15-500C-AB</b>	5	0.188	<b>ABK105-1</b>	7 7/8	10 1/2	11 1/2	1 x 30	2 1/2	17.7	13.0	9.5	6.9	4.8
<b>18</b>	<b>SA18-500C-AB</b>	5	0.188							12.6	8.6	5.6	3.3	1.5
<b>20</b>	<b>SA20-500C-AB</b>	5	0.188							9.6	5.9	3.1	1.0	-
<b>25</b>	<b>SA25-500C-AB</b>	5	0.188							3.2	-	-	-	-
<b>25</b>	<b>SA25-500E-AB</b>	5	0.250							7.5	3.6	0.7	-	-
<b>20</b>	<b>SA20-600C-AB</b>	6	0.188	<b>ABK13-1</b>	9 3/16	13	12 3/4	1 x 30	2 3/4	15.9	10.6	6.8	4.1	2.3
<b>20</b>	<b>SA20-600E-AB</b>	6	0.250							23.5	16.8	11.8	8.4	5.9
<b>25</b>	<b>SA25-600C-AB</b>	6	0.188							7.4	3.0	1.2	-	-
<b>25</b>	<b>SA25-600E-AB</b>	6	0.250							13.5	8.1	4.0	2.0	-
<b>30</b>	<b>SA30-600E-AB</b>	6	0.250							5.8	0.9	-	-	-

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

