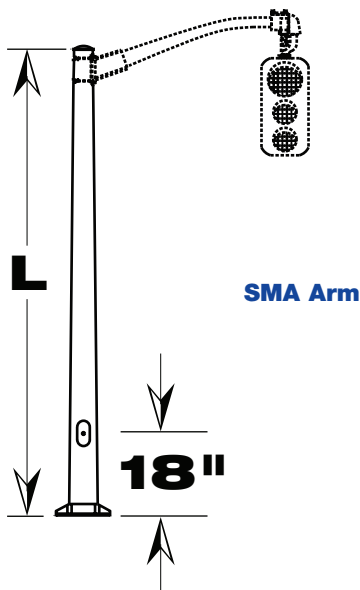
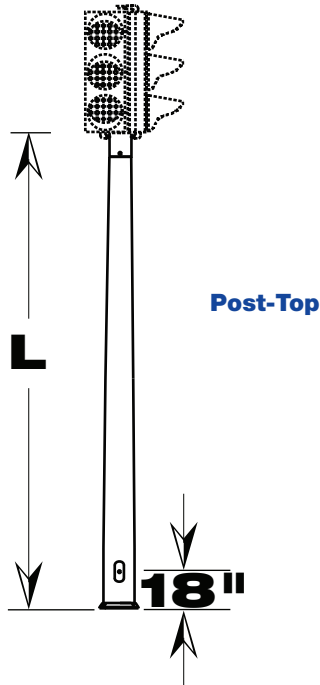


# Traffic Poles



## APPLICATION

Two types of traffic poles are available: traffic poles for use with post-top mounted traffic signals and traffic poles for use with single member arms and side-mounted traffic signals. Both types of traffic poles can also be used to install street signage.

## SPECIFICATIONS

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

## EQUIPMENT

### Post-Top Traffic Pole

Poles are supplied complete with grounding lug, 2 1/2" x 5" hand hole and cover, four shims, and four anchor bolt snap-on nut covers.

### SMA Arm Traffic Pole

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

### Anchor Bolt

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

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

## WIND LOAD

### Post-Top Traffic Pole

Poles are suitable for a traffic signal not exceeding an EPA of 10 sq. ft and 100 lbs in a 100 MPH wind with a 1.3 gust factor.

### SMA Arm Traffic Pole

Poles with free swinging and "TS-Hanger" type traffic signal(s) not exceeding 8 sq. ft and 70 lbs are suitable for wind speed of 100 MPH with a 1.3 gust factor using SMA type arms as follows:

- 1- TP19-866C-AB suitable for one SMA arm up to 15' with a second arm at 900 up to 12'.
- 2- TP19-1080C-AB suitable for one SMA arm up to 22' with a second arm at 900 up to 15'. Also suitable for two SMA arms up to 15' at 180° or any angle from 90° to 180°.
- 3- TP19-1080E-AB suitable for one SMA arm up to 22' with a second arm at 900 to 1800.

For complete details regarding SMA arms, refer to pp. 12 and 13.

# Aluminum Traffic Poles Post-Top and SMA Mounted Traffic Signals



**ISO 9001-2000**  
Registered Quality System



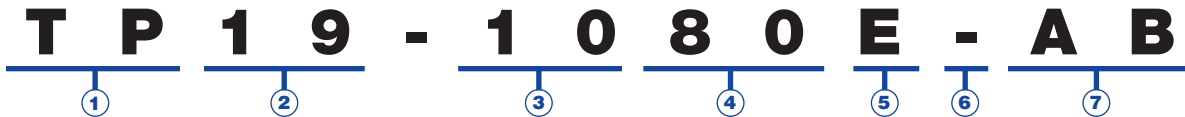
## POLE SPECIFICATION GUIDE Post-Top

Length <b>L</b> Feet	CATALOG NUMBER	TAPER	WALL	ANCHOR BASE DETAIL					
		Inches	Inches	CATALOG NUMBER	<b>A</b> Inches	<b>BC</b> Inches	<b>S</b> Inches	Bolts Inches	<b>E</b> Inches
<b>8</b>	<b>TP08-645C-AB</b>	6 - 4 <sup>1</sup> / <sub>2</sub>	.188	<b>ABK95-1</b>	6 <sup>3</sup> / <sub>4</sub>	9-10	10b	1 x 30	2
<b>10</b>	<b>TP10-645C-AB</b>	6 - 4 <sup>1</sup> / <sub>2</sub>	.188						
<b>12</b>	<b>TP12-645C-AB</b>	6 - 4 <sup>1</sup> / <sub>2</sub>	.188						
<b>15</b>	<b>TP15-645C-AB</b>	6 - 4 <sup>1</sup> / <sub>2</sub>	.188						

## "SMA" Arm

<b>19</b>	<b>TP19-866C-AB</b>	8 - 6 <sup>5</sup> / <sub>8</sub>	.188	<b>ABK115-1</b>	8 <sup>1</sup> / <sub>8</sub>	11-12	12	1 x 30	2 <sup>3</sup> / <sub>4</sub>
	<b>TP19-866E-AB</b>	8 - 6 <sup>5</sup> / <sub>8</sub>	.250	<b>ABK115-1</b>	8 <sup>1</sup> / <sub>8</sub>	11-12	12	1 x 30	2 <sup>3</sup> / <sub>4</sub>
	<b>TP19-1080C-AB</b>	10 - 8	.188	<b>ABK15-1</b>	9 <sup>7</sup> / <sub>8</sub>	13-15	13	1 x 30	3
	<b>TP19-1080E-AB</b>	10 - 8	.250	<b>ABK15-125</b>	9 <sup>7</sup> / <sub>8</sub>	13-15	13	1 <sup>1</sup> / <sub>4</sub> x 48	3

## ORDERING INFORMATION



### 1- Pole Style

TP = TRAFFIC

### 2- Mounting Height

08 = 8'  
10 = 10'  
12 = 12'  
15 = 15'  
18 = 18'  
19 = 19'  
20 = 20'

### 3- Bottom Diameter

6 = 6"  
8 = 8"  
10 = 10"

### 4- Top Diameter

40 = 4.0"  
45 = 4.5"  
66 = 6e"  
70 = 7.0"  
80 = 8.0"

### 5- Thickness

B = .156"  
C = .188"  
E = .250"

### 6- Color Option

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

### 7- Base Type

AB = ANCHOR BOLT BASE

