

Made from a 12 flute, mandrel-formed, aluminum tapered shaft 6, 7 & 8" round (152,178 & 203 mm) welded to a 8-5/8" round (219 mm) extruded aluminum pole base which is welded top and bottom to a cast-aluminum anchor plate. After tapering, forming and welding, the entire shaft assembly is heat-treated to T6 temper. A 4-1/2" by 10" (114 by 254 mm) maintenance opening is complete with cover and copper ground lug.

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Cat.No: \_\_\_\_\_

Type: \_\_\_\_\_

Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

### Ordering guide

example: RTA926-F-12-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish	
RTA926	F 0.125"	12 12'	<b>LS</b> Provision for loudspeaker outlet <b>PH7</b> Button-type photoelectric cell (specify operating voltage) <b>DR</b> Duplex receptacle (120V line voltage only) <b>GFI</b> DR with common ground fault interrupter (120V line voltage only) <b>BA</b> Banner arm <b>PS</b> Plant support <b>MPL</b> Mid-pole luminaire	<b>BE2TX</b> Midnight Blue Textured <b>BE6TX</b> Ocean Blue Textured <b>BE8TX</b> Royal Blue Textured <b>BG2TX</b> Sandstone Gold Textured <b>BKTX</b> Black Textured <b>BRTX</b> Bronze Textured <b>GN4TX</b> Blue Green Textured <b>GN6TX</b> Forest Green Textured <b>GN8TX</b> Dark Forest Green Textured <b>GNTX</b> Green Textured <b>GY3TX</b> Medium Grey Textured <b>RD2TX</b> Burgundy Textured <b>RD4TX</b> Scarlet Textured <b>WHTX</b> White Textured <b>GR</b> Gray Sandtex <b>NP</b> Natural Alum. <b>TG</b> Hammer-tone <b>TS</b> Hammer-tone Silver	
		14 14'			
		16 16'			
	V 0.25"	12 12'			
		14 14'			
		16 16'			
RTA927	B 0.156"	18 18'			
		16 16'			
		18 18'			
	V 0.25"	20 20'			
		18 18'			
		20 20'			
RTA928	B 0.156"	22 22'			
		24 24'			
		26 26'			
		28 28'			
		V 0.25"			20 20'
					22 22'
	24 24'				
	26 26'				
	28 28'				
	28 28'				

**Note:** The recommended method for calculating EPA (Effective Projected Area) is in accordance with AASHTO 2001 standards: for three seconds, the pole is tested in wind gusts equivalent to the strongest winds on record over the past 50 years, and with a 50 pound load (22.7 kg) placed at 1 foot (305 mm) above its center.

# Outdoor Poles and Brackets

## RTA926 / RTA927 / RTA928 – Aluminum Fluted Pole

### Pole Data

Pole Family	Catalog Number	Nominal Height (ft)	Nominal Height (m)	Tenon Section (in)	Tenon Section (mm)	Wall Thickness (in)	Wall Thickness (mm)	Weight (lbs)	Weight (kg)	EPA Rating 90 MPH (sq. ft.)	EPA Rating 110 MPH (sq. ft.)	EPA Rating 120 MPH (sq. ft.)	EPA Rating 150 MPH (sq. ft.)	Anchor Bolts (in)	Anchor Bolts (mm)
RTA926	RTA926F-12	12	3.66	4	102	0.125	3.2	97	44	21.41	14.18	11.8	7.23	1-36	25-914
RTA926	RTA926V-12	12	3.66	4	102	0.25	6.4	118	54	30	30	25.24	15.95	1-36	25-914
RTA926	RTA926F-14	14	4.27	4	102	0.125	3.2	100	45	17.21	11.24	9.27	5.51	1-36	25-914
RTA926	RTA926V-14	14	4.27	4	102	0.25	6.4	126	57	30	24.56	20.55	12.84	1-36	25-914
RTA926	RTA926V-16	16	4.88	4	102	0.25	6.4	132	60	30	20.49	17.09	10.53	1-36	25-914
RTA927	RTA927N-16	16	4.88	4	102	0.188	4.8	122	55	30	21.72	18.07	11.09	1-36	25-914
RTA927	RTA927B-18	18	5.49	4	102	0.156	4	135	61	21.25	13.78	11.33	6.64	1-36	25-914
RTA927	RTA927N-18	18	5.49	4	102	0.188	4.8	142	64	27.17	17.83	14.75	8.87	1-36	25-914
RTA927	RTA927N-20	20	6.1	4	102	0.188	4.8	151	69	22.78	14.75	12.11	7.08	1-36	25-914
RTA928	RTA928V-20	20	6.1	4	102	0.25	6.4	179	81	30	27.82	23.15	14.03	1-36	25-914
RTA928	RTA928B-22	22	6.71	4	102	0.156	4	167	76	20.47	13.03	10.59	5.81	1-36	25-914
RTA928	RTA928V-22	22	6.71	4	102	0.25	6.4	187	85	30	23.72	19.65	11.7	1-36	25-914
RTA928	RTA928B-24	24	7.32	4	102	0.156	4	174	79	17.33	10.83	8.69	4.52	1-36	25-914
RTA928	RTA928V-24	24	7.32	4	102	0.25	6.4	196	89	30	20.34	16.74	9.77	1-36	25-914
RTA928	RTA928B-26	26	7.93	4	102	0.156	4	180	82	14.69	8.95	7.08	3.42	1-36	25-914
RTA928	RTA928V-26	26	7.93	4	102	0.25	6.4	205	93	27.07	17.48	14.32	8.13	1-36	25-914
RTA928	RTA928B-28	28	8.53	4	102	0.156	4	186	85	12.49	7.34	5.67	2.45	1-36	25-914
RTA928	RTA928V-28	28	8.53	4	102	0.25	6.4	214	97	23.62	15.04	12.23	6.72	1-36	25-914

### Specifications

#### Base cover

Decorative base cover made from two cast-aluminum pieces fastened together with stainless steel hardware around the base of the pole. Base cover is complete with a door to access the maintenance opening.

#### Finish

Color to be in accordance with the AAMA 2603 standard. Application of polyester powder coat paint (4 mils/100 microns) with  $\pm$  1 mils/24 microns of tolerance. The Thermosetting resins provides a discoloration resistant finish in accordance with the ASTM D2244 standard, as well as luster retention in keeping with the ASTM D523 standard and humidity proof in accordance with the ASTM D2247 standard.

# Outdoor Poles and Brackets

## RTA926 / RTA927 / RTA928 – Aluminum Fluted Pole

### Dimensions

