

Made from tapered 6" to 4" (152 to 102 mm) & 7" to 4" (178 to 102 mm) round aluminum shaft welded to a 6-5/8" round (168 mm) extruded aluminum pole base which is welded top and bottom to a cast-aluminum anchor plate. After tapering 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: RTA126-F-10-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
RTA126	F 0.125"	10 10'	<b>LS</b> Provision for loudspeaker outlet	<b>BE2TX</b> Midnight Blue Textured
		12 12'	<b>PH7</b> Button-type photoelectric cell (specify operating voltage)	<b>BE6TX</b> Ocean Blue Textured
		14 14'	<b>DR</b> Duplex receptacle (120V line voltage, only)	<b>BE8TX</b> Royal Blue Textured
	V 0.25"	10 10'	<b>GFI</b> DR with common ground fault interrupter (120V line voltage only)	<b>BG2TX</b> Sandstone Gold Textured
		12 12'	<b>BA</b> Banner arm	<b>BKTX</b> Black Textured
		14 14'	<b>PS</b> Plant support	<b>BRTX</b> Bronze Textured
		16 16'	<b>MPL</b> Mid-pole luminaire	<b>GN4TX</b> Blue Green Textured
				<b>GN6TX</b> Forest Green Textured
				<b>GN8TX</b> Dark Forest Green Textured
RTA127	B 0.156"	18 18'		<b>GNTX</b> Green Textured
		20 20'		<b>GY3TX</b> Medium Grey Textured
	V 0.25"	16 16'		<b>RD2TX</b> Burgundy Textured
		18 18'		<b>RD4TX</b> Scarlet Textured
		20 20'		<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		

**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

## RTA126 / RTA127 – Aluminum Tapered 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)
RTA126	RTA126F-10	10	3.05	4	102	0.125	3.2	74	34	27.17	18.42	15.53	9.97	3/4-20	19-508
RTA126	RTA126V-10	10	3.05	4	102	0.25	6.4	92	42	30	30	30	20.61	3/4-20	19-508
RTA126	RTA126F-12	12	3.66	4	102	0.125	3.2	79	36	21.49	14.46	12.17	7.76	3/4-20	19-508
RTA126	RTA126V-12	12	3.66	4	102	0.25	6.4	100	45	30	30	25.53	16.43	3/4-20	19-508
RTA126	RTA126F-14	14	4.27	4	102	0.125	3.2	83	38	17.35	11.59	9.71	6.14	3/4-20	19-508
RTA126	RTA126V-14	14	4.27	4	102	0.25	6.4	108	49	30	24.83	20.94	13.43	3/4-20	19-508
RTA126	RTA126V-16	16	4.88	4	102	0.25	6.4	114	52	30	20.84	17.56	11.21	3/4-20	19-508
RTA127	RTA127V-16	16	4.88	4	102	0.25	6.4	126	57	30	25.39	21.25	13.4	3/4-20	19-508
RTA127	RTA127B-18	18	5.49	4	102	0.156	4	117	53	21.41	14.32	12	7.58	3/4-27	19-686
RTA127	RTA127V-18	18	5.49	4	102	0.25	6.4	137	62	30	21.53	17.97	11.25	3/4-27	19-686
RTA127	RTA127B-20	20	6.1	4	102	0.156	4	124	56	17.95	11.8	9.87	6.16	3/4-27	19-686
RTA127	RTA127V-20	20	6.1	4	102	0.25	6.4	142	64	28.24	18.36	15.28	9.48	3/4-27	19-686

### 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.

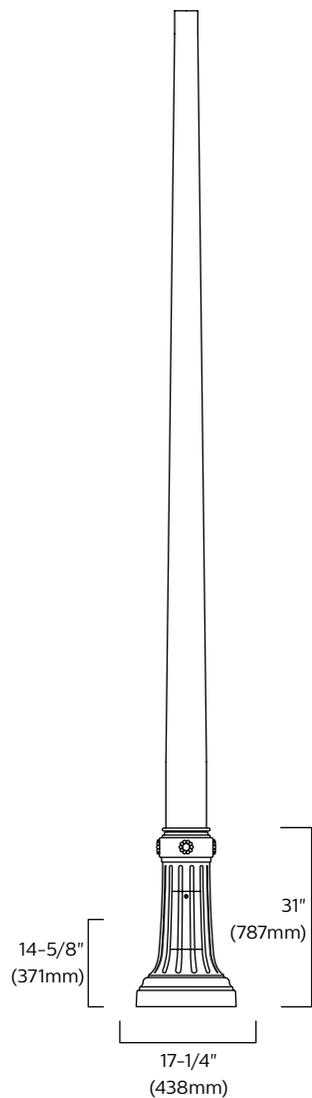
#### Finish

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.

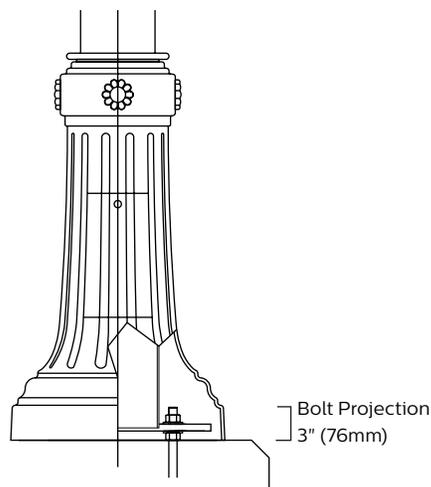
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## RTA126 / RTA127 – Aluminum Tapered Pole

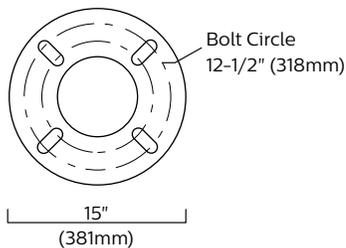
### Dimensions



### Base Details



Wireway  
6-1/8" (156mm)



Comes with 4 anchor bolts,  
8 nuts and 8 washers.  
B.C. from: 10" to 13" (254 to 330mm)

