

Made from a 12 flute, mandrel-formed, aluminum tapered shaft 6 & 7" round (152 & 178 mm) welded to a 6-5/8" round (168 mm) extruded aluminum pole base which is then welded to both the top and bottom of 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 a copper ground lug.

Project:	
Location:	
Cat.No:	
Type:	
Lamps:	Qty:
Notes:	

### Ordering guide

example: RTA136-F-10-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
RTA136	F 0.125"	10 10'	LS Provision for loudspeaker outlet	BE2TX Midnight Blue Textured
		12 12'	PH7 Button-type photoelectric cell (specify operating voltage)	BE6TX Ocean Blue Textured
		14 14'	DR Duplex receptacle (120V line voltage only)	BE8TX Royal Blue Textured
		16 16'	GFI DR with common ground fault interrupter (120V line voltage only)	BG2TX Sandstone Gold Textured
	V 0.25"	10 10'	BA Banner arm	BKTX Black Textured
		12 12'	PS Plant support	BRTX Bronze Textured
		14 14'	MPL Mid-pole luminaire	GN4TX Blue Green Textured
		16 16'		GN6TX Forest Green Textured
	RTA137	B 0.156"	18 18'	GN8TX Dark Forest Green Textured
			20 20'	GNTX Green Textured
		18 18'	GY3TX Medium Grey Textured	
		20 20'	RD2TX Burgundy Textured	
			RD4TX Scarlet Textured	
			WHTX White Textured	
		GR Gray Sandtex		
		NP Natural Alum.		
		TG Hammer-tone		
		TS 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

## RTA136 / RTA137 – Traditional Aluminum 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)
RTA136	RTA136F-10	10	3.05	4	102	0.125	3.2	76	35	30	20.35	17.09	10.9	1-36	25-914
RTA136	RTA136V-10	10	3.05	4	102	0.25	6.4	94	37	30	30	30	19.59	1-36	25-914
RTA136	RTA136F-12	12	3.66	4	102	0.125	3.2	81	37	23.72	15.78	13.19	8.31	1-36	25-914
RTA136	RTA136V-12	12	3.66	4	102	0.25	6.4	102	46	30	30	25.45	16.07	1-36	25-914
RTA136	RTA136F-14	14	4.27	4	102	0.125	3.2	85	39	19.05	12.52	10.42	6.46	1-36	25-914
RTA136	RTA136V-14	14	4.27	4	102	0.25	6.4	110	50	30	25.73	21.43	13.38	1-36	25-914
RTA136	RTA136F-16	16	4.88	4	102	0.125	3.2	88	40	15.66	10.12	8.34	5.04	1-36	25-914
RTA136	RTA136V-16	16	4.88	4	102	0.25	6.4	116	53	30	21.49	17.97	11.29	1-36	25-914
RTA137	RTA137B-18	18	5.49	4	102	0.156	4	116	53	23.25	15.28	12.7	7.95	1-36	25-914
RTA137	RTA137N-18	18	5.49	4	102	0.188	4.8	146	66	29.44	19.42	16.11	9.77	1-36	25-914
RTA137	RTA137B-20	20	6.1	4	102	0.156	4	125	57	19.36	12.52	10.33	6.35	1-36	25-914
RTA137	RTA137N-20	20	6.1	4	102	0.188	4.8	166	75	24.57	16.02	13.21	7.84	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.

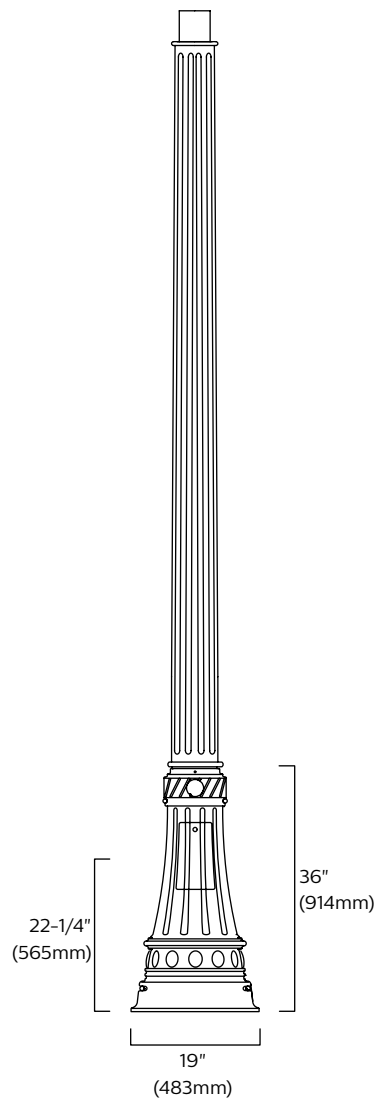
#### Finish

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.

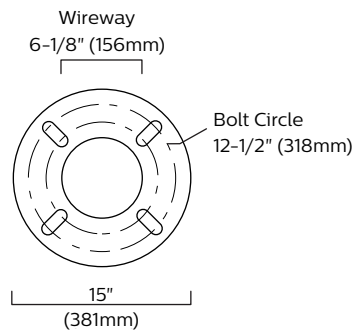
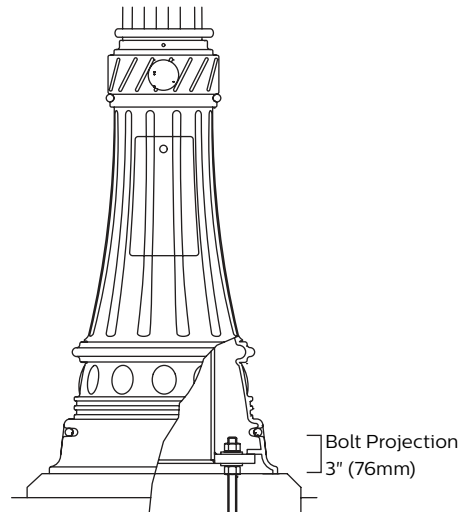
# Outdoor Poles and Brackets

## RTA136 / RTA137 – Traditional Aluminum Pole

### Dimensions



### Base Details



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

