

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'	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
	V 0.25"	10 10'	GFI DR with common ground fault interrupter (120V line voltage only)	BG2TX Sandstone Gold Textured
		12 12'	BA Banner arm	BKTX Black Textured
		14 14'	PS Plant support	BRTX Bronze Textured
		16 16'	MPL Mid-pole luminaire	GN4TX Blue Green Textured
				GN6TX Forest Green Textured
				GN8TX Dark Forest Green Textured
RTA127	B 0.156"	18 18'		GNTX Green Textured
		20 20'		GY3TX Medium Grey Textured
	V 0.25"	16 16'		RD2TX Burgundy Textured
		18 18'		RD4TX Scarlet Textured
		20 20'		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

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.

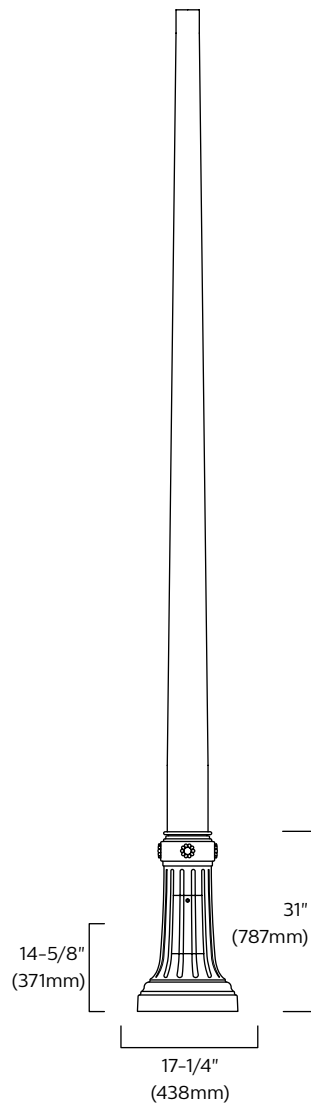
Finish

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.

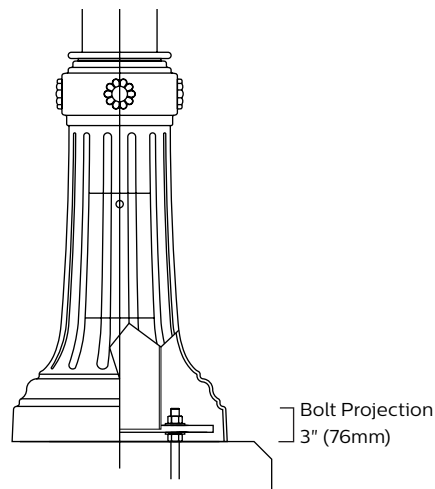
Outdoor Poles and Brackets

RTA126 / RTA127 – Aluminum Tapered Pole

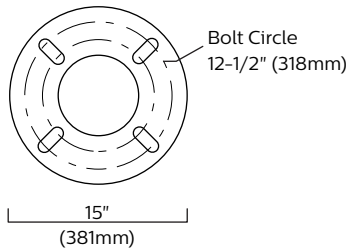
Dimensions



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)

