

Single-piece 12 flute, mandrel-formed, aluminum tapered shaft 6" round (152 mm) 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 3" by 5" (76 by 127 mm) maintenance opening is complete with aluminum cover and copper ground lug.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

example: RTA500-F-12-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
RTA500				
RTA500	F 0.125"	12 12'	LS Provision for loudspeaker outlet	BE2TX Midnight Blue Textured
		14 14'	PH7 Button-type photoelectric cell (specify operating voltage)	BE6TX Ocean Blue Textured
		16 16'	DR Duplex receptacle (120V line voltage, only)	BE8TX Royal Blue Textured
		18 18'	GFI DR with common ground fault interrupter (120V line voltage only)	BG2TX Sandstone Gold Textured
	V 0.25"	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
		18 18'		GN6TX Forest Green Textured
				GN8TX Dark Forest Green Textured
				GNTX Green Textured
				GY3TX Medium Grey Textured
				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

RTA500 – Aluminum Two Pieces Decorative Base Cover

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)
RTA500	RTA500F-12	12	3.66	4	102	0.125	3.2	40	18	17.07	10.94	8.95	5.2	1-36	25-914
RTA500	RTA500V-12	12	3.66	4	102	0.25	6.4	71	32	30	24.27	20.2	12.43	1-36	25-914
RTA500	RTA500F-14	14	4.27	4	102	0.125	3.2	45	20	14.05	8.77	7.08	3.91	1-36	25-914
RTA500	RTA500V-14	14	4.27	4	102	0.25	6.4	81	37	30	20.32	16.8	10.18	1-36	25-914
RTA500	RTA500F-16	16	4.88	4	102	0.125	3.2	50	23	11.74	7.05	5.59	2.86	1-36	25-914
RTA500	RTA500V-16	16	4.88	4	102	0.25	6.4	91	41	26.94	17.31	14.22	8.42	1-36	25-914
RTA500	RTA500F-18	18	5.49	4	102	0.125	3.2	55	25	9.59	5.49	4.2	1.9	1-36	25-914
RTA500	RTA500V-18	18	5.49	4	102	0.25	6.4	101	46	22.9	14.46	11.76	6.74	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. There is no door in the base cover 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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Dimensions

