

Single-piece 12 flute, mandrel-formed, aluminum tapered shaft 8" round (203 mm) 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" by 9" (102 by 229 mm) maintenance opening is complete with decorative cast-aluminum cover in the same style as the pole and copper ground lug.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

example: RTA20-N-22-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
RTA20				
RTA20	N 0.188"	22 22'	LS Provision for loudspeaker outlet	BE2TX Midnight Blue Textured
		24 24'	PH7 Button-type photoelectric cell (specify operating voltage)	BE6TX Ocean Blue Textured
		26 26'	DR Duplex receptacle (120V line voltage, only)	BE8TX Royal Blue Textured
	V 0.25"	22 22'	GFI DR with common ground fault interrupter (120V line voltage only)	BG2TX Sandstone Gold Textured
		24 24'	BA Banner arm	BKTX Black Textured
		26 26'	PS Plant support	BRTX Bronze Textured
		MPL Mid-pole luminaire	GN4TX Blue Green Textured	
			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

RTA20 – 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)
RTA20	RTA20N-22	22	6.7	4	102	0.188	4.8	124	56	21.25	13.52	10.97	5.99	1-36	25-914
RTA20	RTA20V-22	22	6.7	4	102	0.25	6.4	154	70	30	20.08	16.53	9.61	1-36	25-914
RTA20	RTA20N-24	24	7.31	4	102	0.188	4.8	130	59	18.21	11.38	9.13	4.73	1-36	25-914
RTA20	RTA20V-24	24	7.31	4	102	0.25	6.4	163	74	26.72	17.27	14.11	8.01	1-36	25-914
RTA20	RTA20N-26	26	7.92	4	102	0.188	4.8	137	62	15.66	9.54	7.54	3.65	1-36	25-914
RTA20	RTA20V-26	26	7.92	4	102	0.25	6.4	173	78	23.31	14.85	12.06	6.61	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.

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Dimensions

