

Made from a 12 flute, mandrel-formed, aluminum tapered shaft 5" round (127 mm) welded to a decorative cast-aluminum base incorporating an anchor plate. After tapering, forming and welding, the entire shaft assembly is heat-treated to T6 temper. A 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: RTA40-F-10-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
RTA40				
RTA40	F 0.125"	10 10'	LS Provision for loudspeaker outlet	BE2TX Midnight Blue Textured
		11 11'	PH7 Button-type photoelectric cell (specify operating voltage)	BE6TX Ocean Blue Textured
		12 12'	DR Duplex receptacle (120V line voltage, only)	BE8TX Royal Blue Textured
		13 13'	GFI DR with common ground fault interrupter (120V line voltage only)	BG2TX Sandstone Gold Textured
		14 14'	BA Banner arm	BKTX Black Textured
	N 0.188"	14 14'	PS Plant support	BRTX Bronze Textured
	V 0.25"	10 10'	MPL Mid-pole luminaire	GN4TX Blue Green Textured
		11 11'		GN6TX Forest Green Textured
		12 12'		GN8TX Dark Forest Green Textured
		13 13'		GNTX Green 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.

Important: Do not obstruct space between anchor plate and concrete base.

Outdoor Poles and Brackets

RTA40 – Aluminum Structural Base

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)
RTA40	RTA40F-10	10	3.05	4	102	0.125	3.2	56	25	16.37	10.73	8.92	5.43	3/4-20	19-508
RTA40	RTA40V-10	10	3.05	4	102	0.25	6.4	71	32	30	22.6	18.97	11.96	3/4-20	19-508
RTA40	RTA40F-11	11	3.35	4	102	0.125	3.2	57	26	14.48	9.39	7.78	4.67	3/4-20	19-508
RTA40	RTA40V-11	11	3.35	4	102	0.25	6.4	75	34	30	20.12	16.86	10.57	3/4-20	19-508
RTA40	RTA40F-12	12	3.66	4	102	0.125	3.2	59	27	12.9	8.25	6.78	4	3/4-20	19-508
RTA40	RTA40V-12	12	3.66	4	102	0.25	6.4	78	35	27.13	18.01	15.04	9.36	3/4-20	19-508
RTA40	RTA40F-13	13	3.96	4	102	0.125	3.2	61	27	11.53	7.27	5.93	3.4	3/4-20	19-508
RTA40	RTA40V-13	13	3.96	4	102	0.25	6.4	81	37	24.56	16.22	13.52	8.34	3/4-20	19-508
RTA40	RTA40F-14	14	3.96	4	102	0.125	3.2	64	29	10.33	6.43	5.18	2.89	3/4-20	19-508
RTA40	RTA40N-14	14	3.96	4	102	0.188	4.8	84	38	16.04	10.36	8.52	5.06	3/4-20	19-508

Specifications

Joint cover

A one-piece cast-aluminum decorative joint cover is mechanically fastened to the shaft and base junction with stainless steel hardware.

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

