

Made from a 12 flute, mandrel-formed, aluminum tapered shaft 6 & 8" round (152 & 203 mm) welded to a 8-5/8" round (219 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: RTAS136-F-12-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
RTAS136	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
	V 0.25"	12 12'	DR Duplex receptacle (120V line voltage only)	BE8TX Royal Blue Textured
		14 14'	GFI DR with common ground fault interrupter (120V line voltage only)	BG2TX Sandstone Gold Textured
		16 16'	BA Banner arm	BKTX Black Textured
			PS Plant support	BRTX Bronze Textured
RTAS137	B 0.156"	18 18'	MPL Mid-pole luminaire	GN4TX Blue Green Textured
	V 0.25"	16 16'		GN6TX Forest Green Textured
		18 18'		GN8TX Dark Forest Green Textured
		20 20'		GNTX Green Textured
RTAS138	B 0.156"	22 22'		GY3TX Medium Grey Textured
		24 24'		RD2TX Burgundy Textured
		26 26'		RD4TX Scarlet Textured
		28 28'		WHTX White Textured
	V 0.25"	22 22'		GR Gray Sandtex
		24 24'		NP Natural Alum.
		26 26'		TG Hammer-tone
		28 28'		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

RTAS136 / RTAS137 / RTAS138 – 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)
RTAS136	RTAS136F-12	12	3.66	4	102	0.125	3.2	103	47	24.07	16.04	13.38	8.31	1-36	25-914
RTAS136	RTAS136V-12	12	3.66	4	102	0.25	6.4	124	56	30	30	28.21	17.92	1-36	25-914
RTAS136	RTAS136F-14	14	4.27	4	102	0.125	3.2	105	48	19.15	12.6	10.44	6.31	1-36	25-914
RTAS136	RTAS136V-14	14	4.27	4	102	0.25	6.4	132	60	30	27.11	22.72	14.28	1-36	25-914
RTAS136	RTAS136V-16	16	4.88	4	102	0.25	6.4	138	63	30	22.45	18.74	11.65	1-36	25-914
RTAS137	RTAS137V-16	16	4.88	4	102	0.25	6.4	148	67	30	30	26.65	16.68	1-36	25-914
RTAS137	RTAS137B-18	18	5.49	4	102	0.156	4	139	63	23.13	15.1	12.47	7.4	1-36	25-914
RTAS137	RTAS137V-18	18	5.49	4	102	0.25	6.4	159	72	30	26.26	21.9	13.55	1-36	25-914
RTAS137	RTAS137V-20	20	6.1	4	102	0.25	6.4	168	76	30	21.92	18.21	11.08	1-36	25-914
RTAS138	RTAS138V-20	20	6.1	4	102	0.25	6.4	180	82	30	29.01	23.93	14.13	1-36	25-914
RTAS138	RTAS138B-22	22	6.71	4	102	0.156	4	169	77	22.05	14.14	11.54	6.47	1-36	25-914
RTAS138	RTAS138V-22	22	6.71	4	102	0.25	6.4	189	86	30	25.12	20.61	11.94	1-36	25-914
RTAS138	RTAS138B-24	24	7.31	4	102	0.156	4	176	80	18.65	11.76	9.48	5.08	1-36	25-914
RTAS138	RTAS138V-24	24	7.31	4	102	0.25	6.4	198	90	30	21.74	17.83	10.09	1-36	25-914
RTAS138	RTAS138B-26	26	7.92	4	102	0.156	4	182	83	15.81	9.74	7.76	3.89	1-36	25-914
RTAS138	RTAS138V-26	26	7.92	4	102	0.25	6.4	206	94	28.78	18.68	15.34	8.48	1-36	25-914
RTAS138	RTAS138B-28	28	8.53	4	102	0.156	4	188	85	13.42	8.01	6.25	2.86	1-36	25-914
RTAS138	RTAS138V-28	28	8.53	4	102	0.25	6.4	216	98	25.06	16.06	13.09	7.1	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 ± 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

