

Made from a one-piece seamless 12 flute, 5" round (127 mm) tube of extruded aluminum, welded to a cast-aluminum anchor plate. A 2" by 4-1/2" (51 by 114 mm) maintenance opening is complete with cover and copper ground lug.

Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Ordering guide

example: RAF805-8-DE-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
RAF805				
RAF805	0.208"	8 8'	LS Provision for loudspeaker outlet	BE2TX Midnight Blue Textured
		10 10'	PH7 Button-type photoelectric cell (specify operating voltage)	BE6TX Ocean Blue Textured
		12 12'	PH8 Quarter-turn type photoelectric cell (specify operating voltage)	BE8TX Royal Blue Textured
		14 14'	DR Duplex receptacle (120V line voltage, only)	BG2TX Sandstone Gold Textured
		15 15'	GFI DR with common ground fault interrupter (120V line voltage only)	BKTX Black Textured
		16 16'	BA Banner arm	BRTX Bronze Textured
		18 18'	PS Plant support	GN4TX Blue Green Textured
		20 20'	MPL Mid-pole luminaire	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

RAF805 – Fluted 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)
RAF805	RAF805-8	8	2.44	5	127	0.208	5.2	47	21	27.56	18.4	15.4	9.61	3/4-20	19-508
RAF805	RAF805-10	10	3.05	5	127	0.208	5.2	55	25	21.78	14.34	11.92	7.25	3/4-20	19-508
RAF805	RAF805-12	12	3.66	5	127	0.208	5.2	63	29	17.56	11.35	9.34	5.49	3/4-20	19-508
RAF805	RAF805-14	14	4.27	5	127	0.208	5.2	70	32	14.32	9.03	7.33	4.09	3/4-20	19-508
RAF805	RAF805-15	15	4.57	5	127	0.208	5.2	74	34	12.93	8.05	6.47	3.5	3/4-20	19-508
RAF805	RAF805-16	16	4.88	5	127	0.208	5.2	78	35	11.76	7.19	5.73	2.95	3/4-20	19-508
RAF805	RAF805-18	18	5.49	5	127	0.208	5.2	85	39	9.36	5.47	4.22	1.92	3/4-27	19-508
RAF805	RAF805-20	20	6.1	5	127	0.208	5.2	93	42	7.4	4.03	2.97	1.02	3/4-27	19-508

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

