

Made from a one-piece, seamless 4" round (102 mm) tube of extruded aluminum welded to both the top and bottom of 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: RA804-F-8-DE-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish		
RA804						
RA804	F 0.125"	8 8'	DE Pole base buried 5' (1524 mm) in the ground	BE2TX Midnight Blue Textured		
		10 10'	LS Provision for loudspeaker outlet	BE6TX Ocean Blue Textured		
		12 12'	PH7 Button-type photoelectric cell (specify operating voltage)	BE8TX Royal Blue Textured		
		13 13'	PH8 Quarter-turn type photoelectric cell (specify operating voltage)	BG2TX Sandstone Gold Textured		
		14 14'	DR Duplex receptacle (120V line voltage, only)	BKTX Black Textured		
		15 15'	GFI DR with common ground fault interrupter (120V line voltage only)	BRTX Bronze Textured		
		16 16'	BA Banner arm	GN4TX Blue Green Textured		
		U 0.226"	8 8'	PS Plant support	GN6TX Forest Green Textured	
			10 10'	MPL Mid-pole luminaire	GN8TX Dark Forest Green Textured	
			12 12'		GNTX Green Textured	
			14 14'		GY3TX Medium Grey Textured	
			15 15'		RD2TX Burgundy Textured	
			16 16'		RD4TX Scarlet Textured	
			18 18'		WHTX White Textured	
			W 0.318"		12 12'	GR Gray Sandtex
						14 14'
	15 15'	TG Hammer-tone				
	16 16'	TS Hammer-tone Silver				
	18 18'					
	20 20'					

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

RA804 – Round 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)
RA804	RA804F-8	8	2.44	4	102	0.125	3.2	33	15	10.18	6.55	5.38	3.34	3/4-20	19-508
RA804	RA804U-8	8	2.44	4	102	0.226	5.7	44	20	18.64	12.35	10.28	6.53	3/4-20	19-508
RA804	RA804F-10	10	3.05	4	102	0.125	3.2	36	16	7.7	4.73	3.79	2.27	3/4-20	19-508
RA804	RA804U-10	10	3.05	4	102	0.226	5.7	50	23	14.58	9.44	7.78	4.87	3/4-20	19-508
RA804	RA804F-12	12	3.66	4	102	0.125	3.2	40	18	5.86	3.36	2.58	1.45	3/4-20	19-508
RA804	RA804U-12	12	3.66	4	102	0.226	5.7	56	25	11.65	7.31	5.94	3.64	3/4-20	19-508
RA804	RA804W-12	12	3.66	4	102	0.318	8.1	70	32	16.27	10.5	8.64	5.4	3/4-20	19-508
RA804	RA804F-14	14	4.27	4	102	0.125	3.2	43	20	4.44	2.27	1.63	-	3/4-20	19-508
RA804	RA804U-14	14	4.27	4	102	0.226	5.7	63	29	9.38	5.67	4.5	2.68	3/4-20	19-508
RA804	RA804W-14	14	4.27	4	102	0.318	8.1	79	36	13.34	8.4	6.82	4.18	3/4-20	19-508
RA804	RA804F-15	15	4.57	4	102	0.125	3.2	45	20	3.81	1.8	1.19	-	3/4-20	19-508
RA804	RA804U-15	15	4.57	4	102	0.226	5.7	66	30	8.42	4.97	3.88	2.25	3/4-20	19-508
RA804	RA804W-15	15	4.57	4	102	0.318	8.1	83	38	11.84	7.25	5.82	3.5	3/4-20	19-508
RA804	RA804F-16	16	4.88	4	102	0.125	3.2	47	21	3.27	1.36	-	-	3/4-20	19-508
RA804	RA804U-16	16	4.88	4	102	0.226	5.7	69	31	7.15	4.05	3.13	1.77	3/4-20	19-508
RA804	RA804W-16	16	4.88	4	102	0.318	8.1	87	40	10.06	6	4.76	2.82	3/4-20	19-508
RA804	RA804U-18	18	5.49	4	102	0.226	5.7	75	34	5.55	3.15	2.27	1.16	3/4-27	19-686
RA804	RA804W-18	18	5.49	4	102	0.318	8.1	96	44	7.78	4.67	3.7	2.19	3/4-27	19-686
RA804	RA804W-20	20	6.1	4	102	0.318	8.1	105	48	6.31	3.83	2.92	1.57	3/4-27	19-686

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

