

Made from a one-piece, seamless 5-9/16" round (141 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: RA856-V-8-DE-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
RA856				
RA856	V 0.258"	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
		14 14'	PH8 Quarter-turn type photoelectric cell (specify operating voltage)	BG2TX Sandstone Gold Textured
		16 16'	DR Duplex receptacle (120V line voltage, only)	BKTX Black Textured
		18 18'	GFI DR with common ground fault interrupter (120V line voltage only)	BRTX Bronze Textured
		20 20'	BA Banner arm	GN4TX Blue Green Textured
		22 22'	PS Plant support	GN6TX Forest Green Textured
			MPL Mid-pole luminaire	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

RA856 – 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)
RA856	RA856V-8	8	2.44	5 9/16	141	0.258	6.6	66	30	30	29.28	24.71	15.86	3/4-20	19-508
RA856	RA856V-10	10	3.55	5 9/16	141	0.258	6.6	76	34	30	23.31	19.63	12.56	3/4-20	19-508
RA856	RA856V-12	12	3.66	5 9/16	141	0.258	6.6	86	39	28.26	19.05	16.01	10.18	3/4-20	19-508
RA856	RA856V-14	14	4.27	5 9/16	141	0.258	6.6	96	44	23.58	15.81	13.25	8.36	3/4-20	19-508
RA856	RA856V-16	16	4.88	5 9/16	141	0.258	6.6	106	48	19.94	13.3	11.12	6.96	3/4-20	19-508
RA856	RA856V-18	18	5.49	5 9/16	141	0.258	6.6	116	53	16.55	10.94	9.1	5.61	3/4-27	19-508
RA856	RA856V-20	20	6.1	5 9/16	141	0.258	6.6	126	57	13.75	9.01	7.46	4.52	3/4-27	19-508
RA856	RA856V-22	22	6.71	5 9/16	141	0.258	6.6	136	62	11.44	7.39	6.08	3.6	3/4-27	19-508
RS856	RS856V-12	12	3.66	5 9/16	141	0.25	6.4	218	99	30	30	30	25.12	1-36	25-914
RS856	RS856V-14	14	4.27	5 9/16	141	0.25	6.4	247	112	30	30	30	21.14	1-36	25-914
RS856	RS856V-16	16	4.88	5 9/16	141	0.25	6.4	277	126	30	30	28.11	18.12	1-36	25-914
RS856	RS856V-18	18	5.49	5 9/16	141	0.25	6.4	306	139	30	28.05	23.72	15.22	1-36	25-914
RS856	RS856V-20	20	6.1	5 9/16	141	0.25	6.4	335	152	30	23.87	20.14	12.89	1-36	25-914
RS856	RS856V-22	22	6.71	5 9/16	141	0.25	6.4	364	165	29.95	20.41	17.19	10.94	1-36	25-914
RS856	RS856V-24	24	7.32	5 9/16	141	0.25	6.4	394	179	25.74	17.48	14.69	9.3	1-36	25-914
RS856	RS856V-26	26	7.92	5 9/16	141	0.25	6.4	423	192	22.13	14.96	12.55	7.86	1-36	25-914
RS856	RS856V-28	28	8.53	5 9/16	141	0.25	6.4	452	205	19.03	12.76	10.66	6.61	1-36	25-914
RS856	RS856V-30	30	9.14	5 9/16	141	0.25	6.4	481	218	16.25	10.83	8.99	5.49	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

