

Made from a one-piece, 4" round (102 mm) tube of high-tensile carbon steel sealed by a rolled and flattened vertical weld seam and welded to both the top and bottom of a steel 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: RS804-D-8-DE-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish	
RS804					
RS804	D 0.12"	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	
		15 15'	DR Duplex receptacle (120V line voltage only)	BKTX Black Textured	
		16 16'	GFI DR with common ground fault interrupter (120V line voltage only)	BRTX Bronze Textured	
		18 18'	BA Banner arm	GN4TX Blue Green Textured	
		20 20'	PS Plant support	GN6TX Forest Green Textured	
		N 0.188"	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	
	20 20'			GR Gray Sandtex	
	V 0.25"		14 14'		NP Natural Alum.
		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

RS804 – Round Traditional Steel 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)
RS804	RS804D-8	8	2.44	4	102	0.12	3	67	30	24.8	16.65	13.96	8.95	3/4-20	19-508
RS804	RS804D-10	10	3.05	4	102	0.12	3	77	35	19.38	12.85	10.71	6.81	3/4-20	19-508
RS804	RS804N-10	10	3.05	4	102	0.188	4.8	106	48	28.85	19.4	16.27	10.44	3/4-20	19-508
RS804	RS804D-12	12	3.66	4	102	0.12	3	87	39	15.49	10.1	8.33	5.24	3/4-20	19-508
RS804	RS804N-12	12	3.66	4	102	0.188	4.8	122	55	23.34	15.54	12.96	8.27	3/4-20	19-508
RS804	RS804D-14	14	4.27	4	102	0.12	3	97	44	12.55	7.98	6.49	4.01	3/4-20	19-508
RS804	RS804N-14	14	4.27	4	102	0.188	4.8	137	62	19.2	12.61	10.44	6.61	3/4-20	19-508
RS804	RS804V-14	14	4.27	4	102	0.25	6.4	172	78	26.35	17.6	14.69	9.4	3/4-20	19-508
RS804	RS804D-15	15	4.57	4	102	0.12	3	102	46	11.31	7.08	5.73	3.5	3/4-20	19-508
RS804	RS804N-15	15	4.57	4	102	0.188	4.8	145	66	17.47	11.38	9.36	5.9	3/4-20	19-508
RS804	RS804V-15	15	4.57	4	102	0.25	6.4	182	83	24.1	16.02	13.32	8.48	3/4-20	19-508
RS804	RS804D-16	16	4.88	4	102	0.12	3	107	49	11.31	7.08	5.73	3.5	3/4-20	19-508
RS804	RS804N-16	16	4.88	4	102	0.188	4.8	152	69	15.98	10.31	8.45	5.28	3/4-20	19-508
RS804	RS804V-16	16	4.88	4	102	0.25	6.4	192	87	22.17	14.63	12.15	7.72	3/4-20	19-508
RS804	RS804D-18	18	5.49	4	102	0.12	3	117	53	8.15	4.77	3.69	2.12	3/4-27	19-686
RS804	RS804N-18	18	5.49	4	102	0.188	4.8	167	76	13.05	8.19	6.62	4.05	3/4-27	19-686
RS804	RS804V-18	18	5.49	4	102	0.25	6.4	212	96	18.3	11.88	9.77	6.14	3/4-27	19-686
RS804	RS804D-20	20	6.1	4	102	0.12	3	127	58	6.43	3.5	2.56	1.36	3/4-27	19-686
RS804	RS804N-20	20	6.1	4	102	0.188	4.8	182	83	10.65	6.46	5.11	3.03	3/4-27	19-686
RS804	RS804V-20	20	6.1	4	102	0.25	6.4	232	105	15.16	9.65	7.84	4.85	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

