

Made from a one-piece, 4" round (102 mm) high-tensile carbon steel shaft sealed by a rolled and flattened vertical weld seam and welded over and in a 6-5/8" round (168 mm) high-tensile carbon-steel pole base. The assembly is welded to both the top and bottom of a steel anchor plate. A 4-1/2" by 10" (114 by 254 mm) maintenance opening is complete with cover and copper ground lug.

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

Ordering guide

example: SM6-F-8-DE-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish	
SM6					
SM6	F 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'	PH9 Shorting cap for single phase only	BKTX Black Textured	
		16 16'	DR Duplex receptacle (120V line voltage only)	BRTX Bronze Textured	
		18 18'	GFI DR with common ground fault interrupter (120V line voltage only)	GN4TX Blue Green Textured	
		20 20'	BA Banner arm	GN6TX Forest Green Textured	
		N 0.188"	8 8'	PS Plant support	GN8TX Dark Forest Green Textured
			10 10'	MPL Mid-pole luminaire	GNTX Green Textured
			12 12'		GY3TX Medium Grey Textured
			14 14'		RD2TX Burgundy Textured
	15 15'			RD4TX Scarlet Textured	
	16 16'			WHTX White Textured	
	18 18'			GR Gray Sandtex	
	20 20'			NP Natural Alum.	
	V 0.25"		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

SM6 – Round Steel Bottleneck 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)
SM6	SM6F-8	8	2.44	4	102	0.12	3.2	85	39	30	25.3	21.31	13.78	3/4-20	19-508
SM6	SM6N-8	8	2.44	4	102	0.188	4.8	99	45	30	30	30	20.32	3/4-20	19-508
SM6	SM6F-10	10	3.05	4	102	0.12	3.2	95	43	27.44	18.5	15.53	9.98	3/4-20	19-508
SM6	SM6N-10	10	3.05	4	102	0.188	4.8	115	52	30	27.41	23.09	14.9	3/4-20	19-508
SM6	SM6F-12	12	3.66	4	102	0.12	3.2	105	48	21.2	14.12	11.79	7.52	3/4-20	19-508
SM6	SM6N-12	12	3.66	4	102	0.188	4.8	180	59	30	21.2	17.8	11.45	3/4-20	19-508
SM6	SM6F-14	14	4.27	4	102	0.12	3.2	115	52	16.82	11.04	9.13	5.79	3/4-20	19-508
SM6	SM6N-14	14	4.27	4	102	0.188	4.8	145	66	25.22	16.86	14.08	9.01	3/4-20	19-508
SM6	SM6F-15	15	4.57	4	102	0.12	3.2	120	54	15.08	9.81	8.07	5.06	3/4-20	19-508
SM6	SM6N-15	15	4.57	4	102	0.188	4.8	153	69	22.76	15.14	12.61	8.04	3/4-20	19-508
SM6	SM6V-15	15	4.57	4	102	0.25	6.4	182	83	30	20.9	17.5	11.24	3/4-20	19-508
SM6	SM6F-16	16	4.88	4	102	0.12	3.2	125	57	13.62	8.75	7.16	4.46	3/4-20	19-508
SM6	SM6N-16	16	4.88	4	102	0.188	4.8	161	73	20.71	13.67	11.35	7.21	3/4-20	19-508
SM6	SM6V-16	16	4.88	4	102	0.25	6.4	192	87	28.34	19.01	15.89	10.18	3/4-20	19-508
SM6	SM6F-18	18	5.49	4	102	0.12	3.2	135	61	10.83	6.75	5.43	3.3	3/4-27	19-686
SM6	SM6N-18	18	5.49	4	102	0.188	4.8	176	80	16.78	10.88	8.95	5.61	3/4-27	19-686
SM6	SM6V-18	18	5.49	4	102	0.25	6.4	212	96	23.17	15.36	12.76	8.13	3/4-27	19-686
SM6	SM6F-20	20	6.1	4	102	0.12	3.2	145	66	8.64	5.14	4.03	2.37	3/4-27	19-686
SM6	SM6N-20	20	6.1	4	102	0.188	4.8	191	87	13.7	8.68	7.05	4.35	3/4-27	19-686
SM6	SM6V-20	20	6.1	4	102	0.25	6.4	232	105	19.12	12.49	10.3	6.49	3/4-27	19-686

Specifications

Joint cover

Made from two pieces of cast aluminum mechanically fastened to the junction with stainless steel hardware.

Base cover

Decorative base cover made from cast-aluminum pieces mechanically assembled together with stainless steel hardware around base of the pole.

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

