

Made from a one-piece, seamless 4" round (102 mm) tube of extruded aluminum welded over and in a 8-5/8" round (219 mm) extruded-aluminum pole base. The assembly is welded to both the top and bottom of a cast aluminum 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: AM8-F-8-DE-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish	
AM8					
AM8	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	
	13 13'			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.	
	W 0.318"	16 16'		TG Hammer-tone	
		18 18'		TS Hammer-tone Silver	
		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

AM8 – Round Aluminum 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)
AM8	AM8F-8	8	2.44	4	102	0.125	3.2	34	15	17.09	11.53	9.67	6.2	3/4-20	19-508
AM8	AM8U-8	8	2.44	4	102	0.226	5.7	41	19	30	20.59	17.35	11.2	3/4-20	19-508
AM8	AM8F-10	10	3.05	4	102	0.125	3.2	38	17	12.26	8.04	6.67	4.2	3/4-20	19-508
AM8	AM8U-10	10	3.05	4	102	0.226	5.7	47	21	22.1	14.79	12.39	7.92	3/4-20	19-508
AM8	AM8F-12	12	3.66	4	102	0.125	3.2	42	19	9.15	5.79	4.71	2.92	3/4-20	19-508
AM8	AM8U-12	12	3.66	4	102	0.226	5.7	53	24	16.94	11.12	9.24	5.84	3/4-20	19-508
AM8	AM8F-13	13	3.97	4	102	0.125	3.2	43	20	7.95	4.92	3.97	2.39	3/4-20	19-508
AM8	AM8U-13	13	3.97	4	102	0.226	5.7	56	25	15.01	9.75	8.05	5.05	3/4-20	19-508
AM8	AM8F-14	14	4.27	4	102	0.125	3.2	45	20	6.96	4.17	3.3	1.96	3/4-20	19-508
AM8	AM8U-14	14	4.27	4	102	0.226	5.7	60	27	13.37	8.58	7.02	4.38	3/4-20	19-508
AM8	AM8F-15	15	4.57	4	102	0.125	3.2	47	21	6.08	3.5	2.72	1.57	3/4-20	19-508
AM8	AM8U-15	15	4.57	4	102	0.226	5.7	63	29	11.96	7.54	6.14	3.77	3/4-20	19-508
AM8	AM8F-16	16	4.88	4	102	0.125	3.2	49	22	5.32	2.94	2.21	1.22	3/4-20	19-508
AM8	AM8U-16	16	4.88	4	102	0.226	5.7	66	30	10.77	6.68	5.38	3.27	3/4-20	19-508
AM8	AM8W-16	16	4.88	4	102	0.318	8.1	103	47	15.16	9.69	7.93	4.93	3/4-20	19-508
AM8	AM8U-18	18	5.49	4	102	0.226	5.7	72	33	8.5	5.02	3.95	2.31	3/4-27	19-686
AM8	AM8W-18	18	5.49	4	102	0.318	8.1	111	50	12.21	7.58	6.12	3.71	3/4-27	19-686
AM8	AM8U-20	20	6.1	4	102	0.226	5.7	79	36	6.7	3.71	2.8	1.53	3/4-27	19-686
AM8	AM8W-20	20	6.1	4	102	0.318	8.1	120	54	9.85	5.9	4.67	2.74	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

