

Made from a seamless 4" round (102 mm) extruded-aluminum shaft welded to a decorative cast-aluminum base incorporating an anchor plate. A 4" by 9" (102 by 229 mm) maintenance opening is complete with cover and copper ground lug. The pole comes with cast-aluminum bolt covers.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

example: R80-F-8-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish	
R80					
R80	F 0.125"	8 8'	LS Provision for loudspeaker outlet	BE2TX Midnight Blue Textured	
		10 10'	PH7 Button-type photoelectric cell (specify operating voltage)	BE6TX Ocean Blue Textured	
		12 12'	PH8 Quarter-turn type photoelectric cell (specify operating voltage)	BE8TX Royal Blue Textured	
		14 14'	DR Duplex receptacle (120V line voltage, only)	BG2TX Sandstone Gold Textured	
		15 15'	GFI DR with common ground fault interrupter (120V line voltage only)	BKTX Black Textured	
		16 16'	BA Banner arm	BRTX Bronze Textured	
		18 18'	PS Plant support	GN4TX Blue Green Textured	
		U 0.226"	8 8'	MPL Mid-pole luminaire	GN6TX Forest Green Textured
			10 10'	Two-piece round decorative base cover:	GN8TX Dark Forest Green Textured
	12 12'		TBC1 Round cast-aluminum	GNTX Green Textured	
	14 14'		TBC2 Cast-aluminum hexagonal	GY3TX Medium Grey Textured	
	15 15'			RD2TX Burgundy Textured	
	16 16'			RD4TX Scarlet Textured	
	18 18'			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.

Important: Do not obstruct space between anchor plate and concrete base.

Outdoor Poles and Brackets

R80 – 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)
R80	R80F-8	8	2.44	4	102	0.125	3.2	64	29	16.74	11.27	9.46	6.06	3/4-20	19-508
R80	R80U-8	8	2.44	4	102	0.226	5.7	72	33	29.69	20.17	16.98	10.94	3/4-20	19-508
R80	R80F-10	10	3.05	4	102	0.125	3.2	69	31	12.06	7.9	6.53	4.12	3/4-20	19-508
R80	R80U-10	10	3.05	4	102	0.226	5.7	78	35	21.74	14.53	12.17	7.78	3/4-20	19-508
R80	R80F-12	12	3.66	4	102	0.125	3.2	75	34	9.01	5.67	4.61	2.83	3/4-20	19-508
R80	R80U-12	12	3.66	4	102	0.226	5.7	84	38	16.7	10.96	9.09	5.73	3/4-20	19-508
R80	R80F-14	14	4.27	4	102	0.125	3.2	80	36	6.84	4.09	3.23	1.9	3/4-20	19-508
R80	R80U-14	14	4.27	4	102	0.226	5.7	90	41	13.19	8.45	6.92	4.3	3/4-20	19-508
R80	R80F-15	15	4.57	4	102	0.125	3.2	82	37	5.96	3.44	2.66	1.51	3/4-20	19-508
R80	R80U-15	15	4.57	4	102	0.226	5.7	93	42	11.82	7.44	6.05	3.71	3/4-20	19-508
R80	R80F-16	16	4.88	4	102	0.125	3.2	84	38	5.23	2.87	2.15	1.16	3/4-20	19-508
R80	R80U-16	16	4.88	4	102	0.226	5.7	96	43	10.63	6.58	5.3	3.21	3/4-20	19-508
R80	R80F-18	18	5.49	4	102	0.125	3.2	89	40	3.82	1.8	1.22	-	3/4-27	19-686
R80	R80U-18	18	5.49	4	102	0.226	5.7	102	46	8.4	4.97	3.89	2.27	3/4-27	19-686

Specifications

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

