

Made from a one-piece, seamless, 12 flute 5" round (127 mm) tube of extruded aluminum welded to a decorative cast-aluminum base incorporating an anchor plate. A maintenance opening is complete with decorative cast-aluminum cover in the same style as the pole and copper ground lug.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

example: RA40-8-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
RA40	0.208"	8 8' 10 10' 12 12' 14 14' 16 16' 18 18' 20 20'	LS Provision for loudspeaker outlet PH7 Button-type photoelectric cell (specify operating voltage) PH8 Quarter-turn type photoelectric cell (specify operating voltage) DR Duplex receptacle (120V line voltage, only) GFI DR with common ground fault interrupter (120V line voltage only) BA Banner arm PS Plant support MPL Mid-pole luminaire	BE2TX Midnight Blue Textured BE6TX Ocean Blue Textured BE8TX Royal Blue Textured BG2TX Sandstone Gold Textured BKTX Black Textured BRTX Bronze Textured GN4TX Blue Green Textured GN6TX Forest Green Textured 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.

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

Outdoor Poles and Brackets

RA40 – 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)
RA40	RA40-8	8	2.44	5	127	0.208	5.2	78	35	30	22.78	19.15	12.11	3/4-20	19-508
RA40	RA40-10	10	3.05	5	127	0.208	5.2	86	39	26.1	17.39	14.52	9.01	3/4-20	19-508
RA40	RA40-12	12	3.66	5	127	0.208	5.2	93	42	20.73	13.6	11.27	6.84	3/4-20	19-508
RA40	RA40-14	14	4.27	5	127	0.208	5.2	101	46	16.77	10.79	8.85	5.16	3/4-20	19-508
RA40	RA40-16	16	4.88	5	127	0.208	5.2	109	49	13.75	8.62	6.96	3.85	3/4-20	19-508
RA40	RA40-18	18	5.49	5	127	0.208	5.2	116	53	11	6.64	5.26	2.65	3/4-27	19-686
RA40	RA40-20	20	6.1	5	127	0.208	5.2	123	56	8.75	5.02	3.85	1.65	3/4-27	19-686

Specifications

Joint cover

A one-piece cast-aluminum decorative joint cover is mechanically fastened to the shaft and base junction with stainless steel hardware.

Finish

Color to be in accordance with the AAMA 2603 standard. Application of polyester powder coat paint (4 mils/100 microns) with \pm 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

