

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: RA54-8-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
<b>RA54</b>	0.208"	<b>8</b> 8' <b>10</b> 10' <b>12</b> 12' <b>14</b> 14' <b>16</b> 16' <b>18</b> 18' <b>20</b> 20'	<b>LS</b> Provision for loudspeaker outlet <b>PH7</b> Button-type photoelectric cell (specify operating voltage) <b>PH8</b> Quarter-turn type photoelectric cell (specify operating voltage) <b>DR</b> Duplex receptacle (120V line voltage, only) <b>GFI</b> DR with common ground fault interrupter (120V line voltage only) <b>BA</b> Banner arm <b>PS</b> Plant support <b>MPL</b> Mid-pole luminaire	<b>BE2TX</b> Midnight Blue Textured <b>BE6TX</b> Ocean Blue Textured <b>BE8TX</b> Royal Blue Textured <b>BG2TX</b> Sandstone Gold Textured <b>BKTX</b> Black Textured <b>BRTX</b> Bronze Textured <b>GN4TX</b> Blue Green Textured <b>GN6TX</b> Forest Green Textured <b>GN8TX</b> Dark Forest Green Textured <b>GNTX</b> Green Textured <b>GY3TX</b> Medium Grey Textured <b>RD2TX</b> Burgundy Textured <b>RD4TX</b> Scarlet Textured <b>WHTX</b> White Textured <b>GR</b> Gray Sandtex <b>NP</b> Natural Alum. <b>TG</b> Hammer-tone <b>TS</b> 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

## RA54 – 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)
RA54	RA54-8	8	2.44	5	127	0.208	5.2	112	51	30	23.73	19.94	12.66	3/4-20	19-508
RA54	RA54-10	10	3.05	5	127	0.208	5.2	120	54	27	18.01	15.04	9.39	3/4-20	19-508
RA54	RA54-12	12	3.66	5	127	0.208	5.2	127	58	21.37	14.06	11.67	7.1	3/4-20	19-508
RA54	RA54-14	14	4.27	5	127	0.208	5.2	135	61	17.27	11.14	9.15	5.38	3/4-20	19-508
RA54	RA54-16	16	4.88	5	127	0.208	5.2	143	65	14.13	8.89	7.21	4.01	3/4-20	19-508
RA54	RA54-18	18	5.49	5	127	0.208	5.2	150	68	11.29	6.88	5.46	2.8	3/4-27	19-686
RA54	RA54-20	20	6.1	5	127	0.208	5.2	157	71	9.01	5.22	4.03	1.78	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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## RA54 – Traditional Aluminum Pole

### Dimensions

