### Outdoor

### **Poles and Brackets**

#### **RA40** Traditional Aluminum Pole

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:	
Туре:	
Lamps:	Qty:
Notos:	

#### **Ordering guide**

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example: RA40-8-LS-BE2TX

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

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### 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

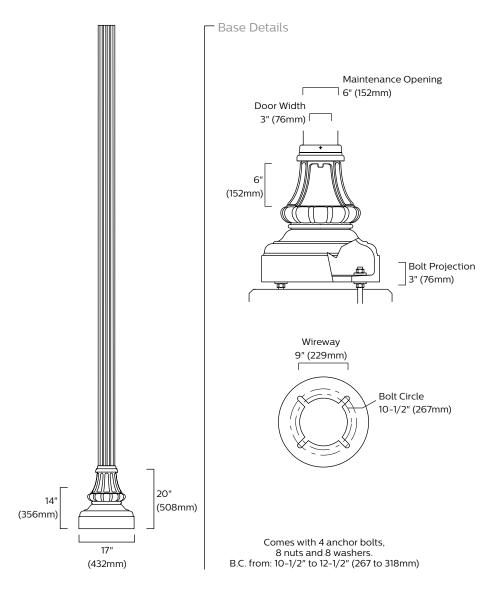
A one-piece cast-aluminum decorative joint cover is mechanically fastened to the shaft and base junction with stainless steel hardware. Finish

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



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