

Made from a one-piece, seamless 5" round (127 mm) tube of extruded aluminum welded to both the top and bottom of a cast-aluminum anchor plate. A 2" by 4-1/2" (51 by 114 mm) maintenance opening is complete with cover and copper ground lug.

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

### Ordering guide

example: RA805-E-12-DE-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
<b>RA805</b>				
<b>RA805</b>	<b>E</b> 0.17"	<b>12</b> 12'	<b>DE</b> Pole base buried 5' (1524 mm) in the ground	<b>BE2TX</b> Midnight Blue Textured
		<b>14</b> 14'	<b>LS</b> Provision for loudspeaker outlet	<b>BE6TX</b> Ocean Blue Textured
		<b>15</b> 15'	<b>PH7</b> Button-type photoelectric cell (specify operating voltage)	<b>BE8TX</b> Royal Blue Textured
		<b>16</b> 16'	<b>PH8</b> Quarter-turn type photoelectric cell (specify operating voltage)	<b>BG2TX</b> Sandstone Gold Textured
		<b>18</b> 18'	<b>PH9</b> Shorting cap for single phase only	<b>BKTX</b> Black Textured
		<b>20</b> 20'	<b>DR</b> Duplex receptacle (120V line voltage only)	<b>BRTX</b> Bronze Textured
	<b>S</b> 0.219"	<b>12</b> 12'	<b>GFI</b> DR with common ground fault interrupter (120V line voltage only)	<b>GN4TX</b> Blue Green Textured
		<b>14</b> 14'	<b>BA</b> Banner arm	<b>GN6TX</b> Forest Green Textured
		<b>15</b> 15'	<b>PS</b> Plant support	<b>GN8TX</b> Dark Forest Green Textured
		<b>16</b> 16'	<b>MPL</b> Mid-pole luminaire	<b>GNTX</b> Green Textured
		<b>18</b> 18'		<b>GY3TX</b> Medium Grey Textured
		<b>20</b> 20'		<b>RD2TX</b> Burgundy Textured
	<b>R</b> 0.247"	<b>12</b> 12'		<b>RD4TX</b> Scarlet Textured
		<b>14</b> 14'		<b>WHTX</b> White Textured
		<b>15</b> 15'		<b>GR</b> Gray Sandtex
		<b>16</b> 16'		<b>NP</b> Natural Alum.
		<b>18</b> 18'		<b>TG</b> Hammer-tone
		<b>20</b> 20'		<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.

# Outdoor Poles and Brackets

## RA805 – Round 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)
RA805	RA805E-12	12	3.66	5	127	0.17	4.3	61	28	14.55	9.57	7.99	4.97	3/4-20	19-508
RA805	RA805S-12	12	3.66	5	127	0.219	5.6	71	32	19.09	12.68	10.62	6.68	3/4-20	19-508
RA805	RA805R-12	12	3.66	5	127	0.247	6.2	77	35	21.72	14.46	12.13	7.66	3/4-20	19-508
RA805	RA805E-14	14	4.27	5	127	0.17	4.3	67	30	11.76	7.6	6.31	3.85	3/4-20	19-508
RA805	RA805S-14	14	4.27	5	127	0.219	5.6	78	35	15.67	10.3	8.58	5.32	3/4-20	19-508
RA805	RA805R-14	14	4.27	5	127	0.247	6.2	86	39	17.92	11.82	9.89	6.17	3/4-20	19-508
RA805	RA805E-15	15	4.57	5	127	0.17	4.3	70	32	10.59	6.78	5.61	3.38	3/4-20	19-508
RA805	RA805S-15	15	4.57	5	127	0.219	5.6	82	37	14.24	9.28	7.72	4.76	3/4-20	19-508
RA805	RA805R-15	15	4.57	5	127	0.247	6.2	90	41	16.33	10.71	8.95	5.55	3/4-20	19-508
RA805	RA805E-16	16	4.88	5	127	0.17	4.3	73	33	9.57	6.06	4.97	2.97	3/4-20	19-508
RA805	RA805S-16	16	4.88	5	127	0.219	5.6	86	39	12.33	7.95	6.58	4.01	3/4-20	19-508
RA805	RA805R-16	16	4.88	5	127	0.247	6.2	94	43	14.34	9.3	7.74	4.76	3/4-20	19-508
RA805	RA805E-18	18	5.49	5	127	0.17	4.3	79	36	7.54	4.61	3.74	2.13	3/4-27	19-686
RA805	RA805S-18	18	5.49	5	127	0.219	5.6	94	43	9.95	6.25	5.14	3.03	3/4-27	19-686
RA805	RA805R-18	18	5.49	5	127	0.247	6.2	103	47	11.67	7.45	6.14	3.69	3/4-27	19-686
RA805	RA805E-20	20	6.1	5	127	0.17	4.3	85	39	5.86	3.41	2.72	1.45	3/4-27	19-686
RA805	RA805S-20	20	6.1	5	127	0.219	5.6	102	46	7.95	4.85	3.94	2.23	3/4-27	19-686
RA805	RA805R-20	20	6.1	5	127	0.247	6.2	112	51	9.48	5.9	4.83	2.8	3/4-27	19-686

### Specifications

#### Base cover

Decorative base cover made from two cast-aluminum pieces fastened together with stainless steel hardware around the base of the pole. Base cover is complete with a door to access the maintenance opening.

#### 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.

# Outdoor Poles and Brackets

## RA805 – Round Traditional Aluminum Pole

### Dimensions

