

Single-piece 12 flute, mandrel-formed, aluminum tapered shaft 7" round (178 mm) welded top and bottom to a cast-aluminum anchor plate. After tapering, forming and welding, the entire shaft assembly is heat-treated to T6 temper. A 4" by 7" (102 by 178 mm) maintenance opening is complete with aluminum cover and copper ground lug.

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Cat.No: \_\_\_\_\_

Type: \_\_\_\_\_

Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

### Ordering guide

example: RTA607-N-14-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
<b>RTA607</b>				
<b>RTA607</b>	<b>N</b> 0.188"	<b>14</b> 14'	<b>LS</b> Provision for loudspeaker outlet	<b>BE2TX</b> Midnight Blue Textured
		<b>16</b> 16'	<b>PH7</b> Button-type photoelectric cell (specify operating voltage)	<b>BE6TX</b> Ocean Blue Textured
		<b>18</b> 18'	<b>DR</b> Duplex receptacle (120V line voltage. only)	<b>BE8TX</b> Royal Blue Textured
		<b>20</b> 20'	<b>GFI</b> DR with common ground fault interrupter (120V line voltage only)	<b>BG2TX</b> Sandstone Gold Textured
		<b>21</b> 21'	<b>BA</b> Banner arm	<b>BKTX</b> Black Textured
			<b>PS</b> Plant support	<b>BRTX</b> Bronze Textured
			<b>MPL</b> Mid-pole luminaire	<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.

# Outdoor Poles and Brackets

## RTA607 – Aluminum Two Pieces Decorative Base Cover

### 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)
RTA607	RTA607N-14	14	4.27	4	102	0.188	4.8	76	35	30	20.32	16.78	10.09	1-36	25-914
RTA607	RTA607N-16	16	4.88	4	102	0.188	4.8	86	39	26.82	17.21	14.11	8.27	1-36	25-914
RTA607	RTA607N-18	18	5.49	4	102	0.188	4.8	95	43	22.58	14.25	11.59	6.55	1-36	25-914
RTA607	RTA607N-20	20	6.1	4	102	0.188	4.8	105	48	26.24	16.57	13.46	7.43	1-36	25-914
RTA607	RTA607N-21	21	6.4	4	102	0.188	4.8	110	50	17.72	10.77	8.6	4.53	1-36	25-914

### Specifications

#### Base cover

Decorative base cover made from two cast-aluminum pieces fastened together with stainless steel hardware around the base of the pole. There is no door in the base cover 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  $\pm$  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

