

Made from a 12 flute, mandrel-formed, aluminum tapered shaft 6" round (152 mm) welded to a decorative cast-aluminum base incorporating an anchor plate. After tapering, forming and welding, the entire shaft assembly is heat-treated to T6 temper. 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: RTA50-F-12-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
<b>RTA50</b>				
<b>RTA50</b>	<b>F</b> 0.125"	<b>12</b> 12'	<b>LS</b> Provision for loudspeaker outlet	<b>BE2TX</b> Midnight Blue Textured
		<b>14</b> 14'	<b>PH7</b> Button-type photoelectric cell (specify operating voltage)	<b>BE6TX</b> Ocean Blue Textured
		<b>16</b> 16'	<b>DR</b> Duplex receptacle (120V line voltage, only)	<b>BE8TX</b> Royal Blue Textured
		<b>18</b> 18'	<b>GFI</b> DR with common ground fault interrupter (120V line voltage only)	<b>BG2TX</b> Sandstone Gold Textured
	<b>V</b> 0.25"	<b>12</b> 12'	<b>BA</b> Banner arm	<b>BKTX</b> Black Textured
		<b>14</b> 14'	<b>PS</b> Plant support	<b>BRTX</b> Bronze Textured
		<b>16</b> 16'	<b>MPL</b> Mid-pole luminaire	<b>GN4TX</b> Blue Green Textured
		<b>18</b> 18'		<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

## RTA50 – Aluminum Structural Base

### 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)
RTA50	RTA50F-12	12	3.66	4	102	0.125	3.2	77	35	19.87	13.11	10.88	6.61	3/4-20	19-508
RTA50	RTA50V-12	12	3.66	4	102	0.25	6.4	98	44	30	28.05	23.52	14.81	3/4-20	19-508
RTA50	RTA50F-14	14	4.27	4	102	0.125	3.2	80	36	16.07	10.42	8.57	5.02	3/4-20	19-508
RTA50	RTA50V-14	14	4.27	4	102	0.25	6.4	104	47	30	23.07	19.26	12	3/4-20	19-508
RTA50	RTA50F-16	16	4.88	4	102	0.125	3.2	84	38	13.23	8.38	6.81	3.81	3/4-20	19-508
RTA50	RTA50V-16	16	4.88	4	102	0.25	6.4	111	50	29.14	19.32	16.1	9.85	3/4-20	19-508
RTA50	RTA50F-18	18	5.49	4	102	0.125	3.2	87	39	10.68	6.55	5.2	2.71	3/4-27	19-686
RTA50	RTA50V-18	18	5.49	4	102	0.25	6.4	116	53	24.27	15.92	13.17	7.9	3/4-27	19-686

### Specifications

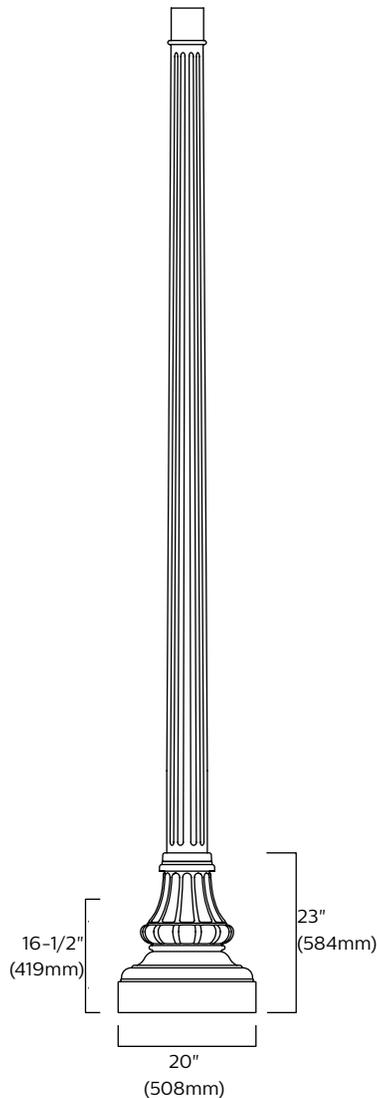
#### Finish

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.

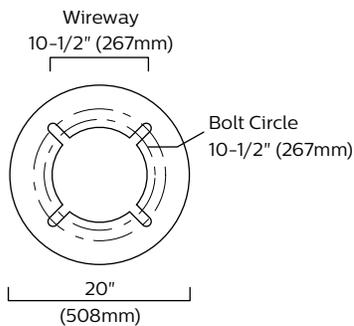
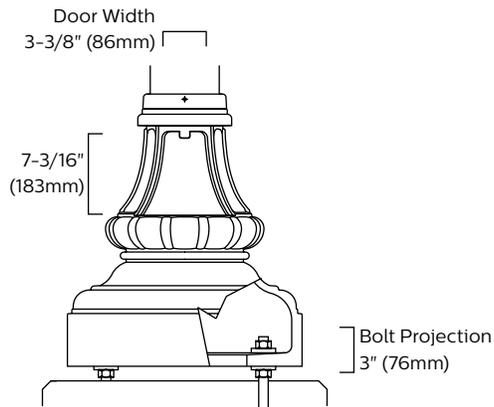
# Outdoor Poles and Brackets

## RTA50 – Aluminum Structural Base

### Dimensions



### Base Details



Comes with 4 anchor bolts,  
8 nuts and 8 washers.  
B.C. from: 12" to 15" (305 to 381mm)

