

Made from a 16 flute, mandrel-formed, tapered steel shaft welded to a 6-5/8" round (168 mm) steel pole base which is then welded top and bottom to a steel anchor plate. A 4-1/2" by 10" (114 by 254 mm) maintenance opening is complete with cover and copper ground lug.

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

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

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

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

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

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

### Ordering guide

example: R90-D-10-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
<b>R90</b>				
<b>R90</b>	<b>D</b> 0.12"	<b>10</b> 10'	<b>LS</b> Provision for loudspeaker outlet	<b>BE2TX</b> Midnight Blue Textured
		<b>12</b> 12'	<b>PH7</b> Button-type photoelectric cell (specify operating voltage)	<b>BE6TX</b> Ocean Blue Textured
		<b>14</b> 14'	<b>DR</b> Duplex receptacle (120V line voltage, only)	<b>BE8TX</b> Royal Blue Textured
		<b>15</b> 15'	<b>GFI</b> DR with common ground fault interrupter (120V line voltage only)	<b>BG2TX</b> Sandstone Gold Textured
		<b>16</b> 16'	<b>BA</b> Banner arm	<b>BKTX</b> Black Textured
		<b>18</b> 18'	<b>PS</b> Plant support	<b>BRTX</b> Bronze Textured
		<b>20</b> 20'	<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

## R90 – Traditional Steel 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)
R90	R90D-10	10	3.05	4	102	0.12	3	125	56	30	30	30	22.4	3/4-27	19-686
R90	R90D-12	12	3.66	4	102	0.12	3	141	64	30	30	30	19.61	3/4-27	19-686
R90	R90D-14	14	4.27	4	102	0.12	3	157	71	30	30	27.5	17.62	3/4-27	19-686
R90	R90D-15	15	4.57	4	102	0.12	3	166	75	30	30	26.29	16.83	3/4-27	19-686
R90	R90D-16	16	4.88	4	102	0.12	3	175	79	30	30	25.33	16.22	3/4-27	19-686
R90	R90D-18	18	5.49	4	102	0.12	3	193	88	30	27.41	22.99	14.69	3/4-27	19-686
R90	R90D-20	20	6.1	4	102	0.12	3	212	96	30	25.2	21.14	13.66	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 ± 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

