Made from tapered 6" to 4" (152 to 102 mm) round aluminum shaft welded to a cast-aluminum anchor plate. After tapering and welding, the entire shaft assembly is heat-treated to T6 temper. A 3" by 5" (76 by 127 mm) maintenance opening is complete with cover and copper ground lug

Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

Ordering guide

example: RTA800-F-8-LS-BE2TX

Pole Family RTA800	Wall Thickness	Nominal Height	Options		Finish	
RTA800	**F** .125"	**8** 8'	**LS**	Provision for loudspeaker outlet	**BE2TX**	Midnight Blue Textured
		10 10'	**PH7**	Button-type photoelectric cell (specify operating voltage)	**BE6TX**	Ocean Blue Textured
		12 12'	**DR**	Duplex receptacle (120V line voltage only)	**BE8TX**	Royal Blue Textured
		14 14'	**GFI**	DR with common ground fault interrupter (120V line voltage only)	**BG2TX**	Sandstone Gold Textured
		16 16'	**BA**	Banner arm	**BKTX**	Black Textured
		18 18'	**PS**	Plant support	**BRTX**	Bronze Textured
		20 20'	**MPL**	Mid-pole luminaire	**GN4TX**	Blue Green Textured
	N 0.188"	**8** 8'			**GN6TX**	Forest Green Textured
		10 10'			**GN8TX**	Dark Forest Green Textured
		12 12'			**GNTX**	Green Textured
	V 0.25"	**14** 14'			**GY3TX**	Medium Grey Textured
		16 16'			**RD2TX**	Burgundy Textured
		18 18'			**RD4TX**	Scarlet Textured
		20 20'			**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.

Outdoor   Poles and Brackets

RTA800 – Aluminum Fluted 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)
RTA800	RTA800F-8	8	3.05	4	102	0.125	3.2	48	22	26.68	17.86	15.02	9.57	1-36	25-914
RTA800	RTA800N-8	8	3.05	4	102	0.188	4.8	57	26	30	26.88	22.63	14.48	1-36	25-914
RTA800	RTA800F-10	10	3.05	4	102	0.125	3.2	53	24	21.35	14.11	11.82	7.45	1-36	25-914
RTA800	RTA800N-10	10	3.05	4	102	0.188	4.8	62	28	30	21.53	18.07	11.47	1-36	25-914
RTA800	RTA800F-12	12	3.66	4	102	0.125	3.2	58	26	17.45	11.35	9.48	5.9	1-36	25-914
RTA800	RTA800N-12	12	3.66	4	102	0.188	4.8	67	30	26.74	17.65	14.77	9.3	1-36	25-914
RTA800	RTA800F-14	14	4.27	4	102	0.125	3.2	62	28	14.44	9.22	7.64	4.67	1-36	25-914
RTA800	RTA800V-14	14	4.27	4	102	0.25	6.4	91	41	30	20.76	17.37	10.94	1-36	25-914
RTA800	RTA800F-16	16	4.88	4	102	0.125	3.2	67	30	12.06	7.54	6.2	3.71	1-36	25-914
RTA800	RTA800V-16	16	4.88	4	102	0.25	6.4	100	45	27.23	17.76	14.81	9.24	1-36	25-914
RTA800	RTA800F-18	18	5.49	4	102	0.125	3.2	71	32	9.83	5.93	4.79	2.78	1-36	25-914
RTA800	RTA800V-18	18	5.49	4	102	0.25	6.4	109	49	23.09	14.87	12.33	7.62	1-36	25-914
RTA800	RTA800F-20	20	6.1	4	102	0.125	3.2	76	34	7.95	4.56	3.62	1.99	1-36	25-914
RTA800	RTA800V-20	20	6.1	4	102	0.25	6.4	118	54	19.73	12.47	10.3	6.28	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 ± 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
RTA800 – Aluminum Fluted Pole

Dimensions

Base Details

Bolt Projection
3" (76mm)

Wireway
5-1/2" (140mm)

Bolt Circle
9-1/2" (241mm)

10-1/4"
(260mm)

38-13/16"
(986mm)

21"
(533mm)

16-1/2"
(418mm)

Comes with 4 anchor bolts,
8 nuts and 8 washers.
B.C. from: 9" to 10" (229 to 254mm)