

Made from tapered 8" to 5" (203 by 127 mm) round aluminum shaft welded top and bottom to a cast-aluminum anchor plate. After tapering and welding, the entire shaft assembly is heat treated to T6 temper. A 4" by 8" (102 by 203 mm) maintenance opening is complete with cover and copper ground lug.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

example: ART85-B-25-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
ATR85				
ATR85	B 0.156"	25 25'	LS Provision for loudspeaker outlet	BE2TX Midnight Blue Textured
		26 26'	PH7 Button-type photoelectric cell (specify operating voltage)	BE6TX Ocean Blue Textured
		27 27'	DR Duplex receptacle (120V line voltage, only)	BE8TX Royal Blue Textured
		28 28'	GFI DR with common ground fault interrupter (120V line voltage only)	BG2TX Sandstone Gold Textured
		29 29'	BA Banner arm	BKTX Black Textured
	N 0.188"	25 25'	PS Plant support	BRTX Bronze Textured
		26 26'	MPL Mid-pole luminaire	GN4TX Blue Green Textured
		27 27'		GN6TX Forest Green Textured
		28 28'		GN8TX Dark Forest Green Textured
		29 29'		GNTX Green Textured
		30 30'		GY3TX Medium Grey Textured
		31 31'		RD2TX Burgundy Textured
		32 32'		RD4TX Scarlet Textured
		33 33'		WHTX White Textured
		34 34'		GR Gray Sandtex
	V 0.25"	25 25'		NP Natural Alum.
		26 26'		TG Hammer-tone
		27 27'		TS Hammer-tone Silver
		28 28'		
		29 29'		
		30 30'		
		31 31'		
		32 32'		
		33 33'		
		34 34'		

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

ATR85 – Aluminum Tapered 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)
ATR85	ATR85B	25	7.6			0.156	4	100	45	14.05	9.18	7.6	4.42	1-36	25-914
ATR85	ATR85N	25	7.6			0.188	4.8	117	53	17.6	11.65	9.69	5.79	1-36	25-914
ATR85	ATR85V	25	7.6			0.25	6.4	152	69	25.65	17.21	14.4	8.87	1-36	25-914
ATR85	ATR85B	26	7.9			0.156	4	104	47	12.99	8.44	6.96	3.99	1-36	25-914
ATR85	ATR85N	26	7.9			0.188	4.8	122	55	16.37	10.77	8.95	5.28	1-36	25-914
ATR85	ATR85V	26	7.9			0.25	6.4	157	71	24.05	16.1	13.46	8.23	1-36	25-914
ATR85	ATR85B	27	8.2			0.156	4	107	49	11.98	7.74	6.35	3.58	1-36	25-914
ATR85	ATR85N	27	8.2			0.188	4.8	126	57	15.22	9.97	8.25	4.82	1-36	25-914
ATR85	ATR85V	27	8.2			0.25	6.4	153	70	22.54	15.04	12.56	7.63	1-36	25-914
ATR85	ATR85B	28	8.5			0.156	4	111	50	11.04	7.08	5.79	3.21	1-36	25-914
ATR85	ATR85N	28	8.5			0.188	4.8	130	59	14.12	9.21	7.6	4.38	1-36	25-914
ATR85	ATR85V	28	8.5			0.25	6.4	168	76	21.14	14.05	11.7	7.08	1-36	25-914
ATR85	ATR85B	29	8.8			0.156	4	114	52	10.15	6.46	5.26	2.83	1-36	25-914
ATR85	ATR85N	29	8.8			0.188	4.8	134	61	13.11	8.5	6.99	3.97	1-36	25-914
ATR85	ATR85V	29	8.8			0.25	3.4	174	79	19.79	13.14	10.94	6.55	1-36	25-914
ATR85	ATR85N	30	9.1			0.188	4.8	139	63	12.15	7.84	6.41	3.59	1-36	25-914
ATR85	ATR85V	30	9.1			0.25	6.4	170	77	18.56	12.29	10.18	6.06	1-36	25-914
ATR85	ATR85N	31	9.4			0.188	4.8	143	65	11.26	7.19	5.87	3.21	1-36	25-914
ATR85	ATR85V	31	9.4			0.25	6.4	185	84	17.41	11.47	9.5	5.59	1-36	25-914
ATR85	ATR85N	32	9.8			0.188	4.8	147	67	10.42	6.61	5.35	2.87	1-36	25-914
ATR85	ATR85V	32	9.8			0.25	6.4	191	87	16.33	10.71	8.83	5.14	1-36	25-914
ATR85	ATR85N	33	10.1			0.188	4.8	152	69	9.61	6.02	4.87	2.54	1-36	25-914
ATR85	ATR85V	33	10.1			0.25	6.4	197	90	15.3	9.97	8.23	4.73	1-36	25-914
ATR85	ATR85N	34	10.4			0.188	4.8	156	71	8.87	5.49	4.38	2.21	1-36	25-914
ATR85	ATR85V	34	10.4			0.25	6.4	202	92	14.34	9.28	7.63	4.34	1-36	25-914

Specifications

Bolt cover

Made of cast aluminum, mechanically fastened to the anchor plate with stainless steel hardware.

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

