

Made from tapered 10" to 6" (254 by 152 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: ATR106-N-35-LS-BE2TX

Pole Family	Wall Thickness	Nominal Height	Options	Finish
<b>ATR106</b>				
<b>ATR106</b>	<b>N</b> 0.188"	<b>35</b> 35'	<b>LS</b> Provision for loudspeaker outlet	<b>BE2TX</b> Midnight Blue Textured
		<b>36</b> 36'	<b>PH7</b> Button-type photoelectric cell (specify operating voltage)	<b>BE6TX</b> Ocean Blue Textured
		<b>37</b> 37'	<b>DR</b> Duplex receptacle (120V line voltage only)	<b>BE8TX</b> Royal Blue Textured
		<b>38</b> 38'	<b>GFI</b> DR with common ground fault interrupter (120V line voltage only)	<b>BG2TX</b> Sandstone Gold Textured
		<b>39</b> 39'	<b>BA</b> Banner arm	<b>BKTX</b> Black Textured
		<b>40</b> 40'	<b>PS</b> Plant support	<b>BRTX</b> Bronze Textured
	<b>V</b> 0.25"	<b>35</b> 35'	<b>MPL</b> Mid-pole luminaire	<b>GN4TX</b> Blue Green Textured
		<b>36</b> 36'		<b>GN6TX</b> Forest Green Textured
		<b>37</b> 37'		<b>GN8TX</b> Dark Forest Green Textured
		<b>38</b> 38'		<b>GNTX</b> Green Textured
		<b>39</b> 39'		<b>GY3TX</b> Medium Grey Textured
		<b>40</b> 40'		<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

## ATR106 – 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)
ATR106	ATR106N	35	10.7			0.188	4.8	201	91	17.24	11.18	9.13	4.77	1 1/4-48	32-1219
ATR106	ATR106V	35	10.7			0.25	6.4	261	119	25.84	17.13	14.17	8.07	1 1/4-48	32-1219
ATR106	ATR106N	36	11			0.188	4.8	206	94	16.25	10.47	8.54	4.35	1 1/4-48	32-1219
ATR106	ATR106V	36	11			0.25	6.4	267	121	24.54	16.22	13.4	7.54	1 1/4-48	32-1219
ATR106	ATR106N	37	11.3			0.188	4.8	211	96	15.31	9.83	7.95	3.97	1 1/4-48	32-1219
ATR106	ATR106V	37	11.3			0.25	6.4	274	125	23.33	15.37	12.68	7.04	1 1/4-48	32-1219
ATR106	ATR106N	38	11.6			0.188	4.8	216	98	14.4	9.18	7.4	3.56	1 1/4-48	32-1219
ATR106	ATR106V	38	11.6			0.25	6.4	281	128	22.16	14.55	11.96	6.55	1 1/4-48	32-1219
ATR106	ATR106N	39	11.9			0.188	4.8	222	101	13.56	8.6	6.88	3.21	1 1/4-48	32-1219
ATR106	ATR106V	39	11.9			0.25	6.4	288	131	21.06	13.78	11.29	6.08	1 1/4-48	32-1219
ATR106	ATR106N	40	12.2			0.188	4.8	224	102	12.74	8.01	6.37	2.86	1 1/4-48	32-1219
ATR106	ATR106V	40	12.2			0.25	6.4	296	135	19.99	13.03	10.65	5.65	1 1/4-48	32-1219

### 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  $\pm$  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

## ATR106 – Aluminum Tapered Pole

### Dimensions

