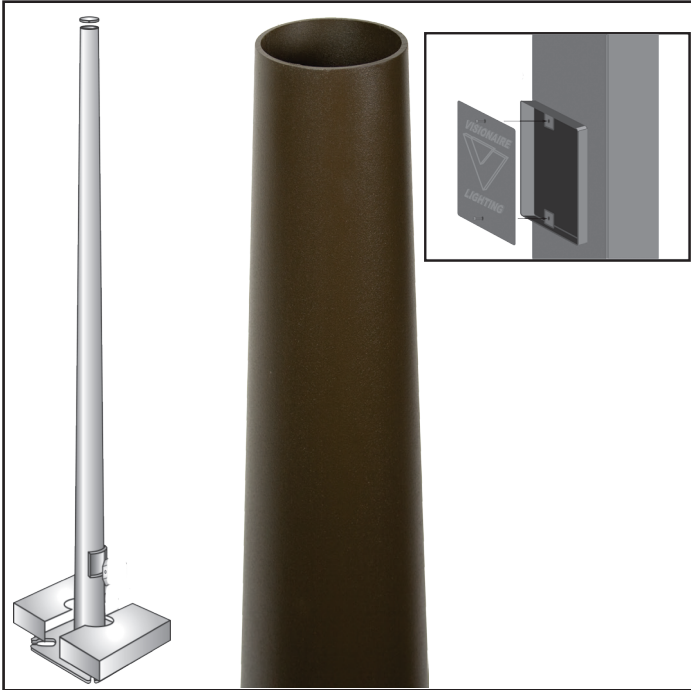


# RTAP Specifications



Project Name:

Catalog Number:

Type:

### Round Tapered Aluminum Pole

**Pole Shaft**

- Spun tapered from 6063 alloy aluminum tubing. Shaft is furnished with aluminum ground lug inside pole, opposite hand hole opening. Pole shaft includes a reinforced hand hole opening with cover.

**Base**

- One piece, high quality aluminum alloy casting for strength and durability. Base is circumferentially welded to pole shaft. Furnished with (4) flush mount vandal resistant anchor bolt covers. Consult factory for pole base templates.
- Base templates provided with order. Do not pre-pour.

**Pole Cap**

- Color-impregnated polymer snap-to-close pole cap provided in black.

**Finish**

- All poles are shot-blasted and cleaned to a near-white finish prior to painting. A Quali-Guard® textured thermoset polyester powder coat is then applied to a minimum of 3 millimeters and then oven-baked at a temperature of 400 °F to promote exceptional adherence and finish hardness. Pole finish is warranted for a full two (2) years.

**Anchor Bolts**

- Poles are provided with hot-dip galvanized anchor bolts, with a "J" bend on one end and two flat hex bolts end and two flat washers per bolt. Anchor bolts meet or exceed a minimum of 36,000 PSI. Anchor bolts conform to ASTM F1554 grade 36 and are provided.

## Ordering Information

MODEL	HEIGHT	GAUGE	BASE	ANCHORAGE	MOUNTING	FINISH	OPTIONS			
RTAP Round Tapered Aluminum Pole	10'	*Consult Factory	*Consult Factory	*Consult Factory	<b>Bolt-On Arm</b>	<b>BZ</b> Bronze	<b>GFI</b> GFI Receptacle *Standard location is in hand hole			
	12'							<b>S1</b> Single	<b>BK</b> Black	
	14'							<b>D2</b> Double 180°	<b>SBK</b> Smooth Black	
	16'							<b>D9</b> Double 90°	<b>WH</b> White	<b>CUP</b> Coupling *Specify size and location
	18'							<b>T9</b> Triple 90°	<b>SWH</b> Smooth White	<b>RBC</b> Round Base Cover
	20'							<b>T1</b> Triple 120°	<b>GP</b> Graphite	
	22'							<b>QD</b> Quad	<b>GY</b> Grey	
	25'							<b>T1</b> Triple 120°	<b>SL</b> Silver Metallic	<b>GN</b> Tennis Green
	28'							<b>QD</b> Quad	<b>FG</b> Forest Green	<b>VD</b> Verdigris
	30'							<b>QD</b> Quad	<b>WB</b> Weathered Brown	<b>CC</b> Custom Color
	35'							<b>QD</b> Quad	<b>ANO</b> Anodized *No Paint	<b>XX+ANO</b> Powder Coat Paint Over Anodized
				<b>T238R</b> 2 3/8"						
				<b>T3R</b> 3"						
				<b>T3.5R</b> 3 1/2"						

<b>Estimated Pole EPAs for Round Tapered Aluminum Poles</b>				
<b>Pole</b>	<b>Maximum Allowable EPA (ft<sup>2</sup>) with 1.3 gust factor</b>			
<b>Height</b>	<b>80 mph</b>	<b>90 mph</b>	<b>100 mph</b>	<b>110 mph</b>
20'	6.6	4.9	3.7	2.9
20'	12.0	9.2	7.2	5.8
20'	18.5	14.3	11.4	9.2
20'	26.1	20.3	16.3	13.3
25'	7.1	5.2	3.9	3.0
25'	11.8	9.0	7.0	5.6
25'	17.7	13.7	10.8	8.7
25'	25.1	19.5	15.5	12.6
30'	7.4	5.4	4.0	3.1
30'	11.9	9.0	6.9	5.5
35'	17.8	13.6	10.7	8.6
35'	17.3	13.2	10.4	8.2

· CAUTION: If any additional stress such as flags, banners, streamers, ropes, or any other such items are added to poles, Visionaire Lighting's normal product guarantee is null and void. Additionally, adding such items to any pole may create severely hazardous conditions. Poles are calculated to withstand steady wind velocities of between 70 and 100 mph wind zones with a 1.3 gust factor depending on height, wall thickness, and width/ diameter. For an exact rating on a specific order, contact Visionaire directly.