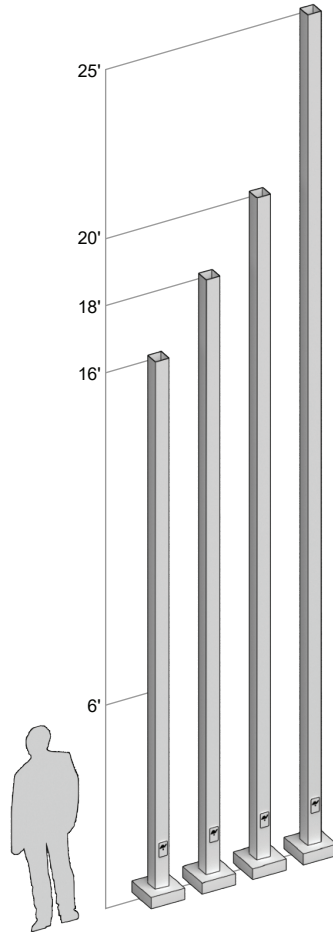


## AVPL SSA 5" - Square Straight Aluminum Series - .188 Heavy Wall



### Aluminum Pole Specifications

**SHAFT:** One-piece extruded 6063-T6 aluminum alloy tube treated T6 temper.

**ANCHOR BASE:** Cast from A356 aluminum alloy and heat treated to T6 temper. Base plate and shaft are circumferentially welded top and bottom. The anchor base is provided with slotted holes.

**ANCHOR BOLTS:** Fabricated from carbon steel bar with minimum-yield. Strength of 55,000 PSI. Galvanized, per ASTM A-153. Each anchor bolt is furnished with two hex nuts and two flat washers.

**BASE BOLT COVER:** Two-piece standard full base cover is fabricated from heavy gauge quality carbon steel and pretreated with corrosion inhibitors. Provided with S304 stainless steel hardware. Spun and cast aluminum covers are available.

**GROUNDING:** Provision; 3/8-16 Threaded stud welded to inner shaft wall opposite hand hole. Flat washer and hex nut provided.

**HAND HOLE:** Reinforced 3" x 5" hand hole is located 18" above base. Cover and attachment hardware provided.

**HARDWARE:** S304 stainless steel

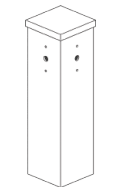
**TOP CAP:** Removable top cap provided with drill-mount poles.

**FINISH:** TGIC thermoset polyester powder coat finish is electrostatically applied at a 3.0 mil nominal thickness. A five stage metal pretreatment process and sealer provide maximum corrosion resistance. The powder top coat is baked in excess of 400 degrees for supreme endurance.

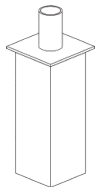
### Maximum EPA - SQ. FT.

CATALOG NUMBER	MAX. FIXT. WT.	100 MPH	90 MPH	80 MPH	70 MPH
165-188	N/A	N/A	N/A	N/A	N/A
185-188	200	6.7	9.8	13.6	19.7
205-188	200	4.1	7.1	10.5	15.7
255-188	100	N/A	2.1	5.1	8.9

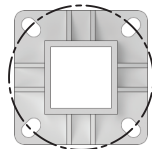
Calculations based on sustained wind forces plus additional 1.3 mph gust.



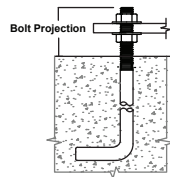
Drilled Mount



Tenon Mount



AL-5 Template  
11.00 X 11.00 X 1.00 Anchor Plate  
11.50-11.75" DIA. Bolt Circle



Anchor Bolt  
Minimum.....3/4"  
Maximum.....3/4"






## Ordering Information

### Pole Schedule

	Catalog Number	Pole Height	Shaft Size	Wall Gauge	Bolt Circle	Anchorage
<input type="checkbox"/>	SSA 165-188	16'	5"	.188	11 3/4"	1" x 36" x 4"
<input type="checkbox"/>	SSA 185-188	18'	5"	.188	11 3/4"	1" x 36" x 4"
<input type="checkbox"/>	SSA 205-188	20'	5"	.188	11 3/4"	1" x 36" x 4"
<input type="checkbox"/>	SSA 255-188	25'	5"	.188	11 3/4"	1" x 36" x 4"

### Mounting

Drilled

- 1..... 
- 2-90..... 
- 2-180..... 
- 3-90..... 
- 4-90..... 

Tenon

- PT23 (2 5/8 O.D. x 4")
- PT27 (2 7/8 O.D. x 4")

### Finish

- Dark Bronze
- Black
- White
- Grey
- Green