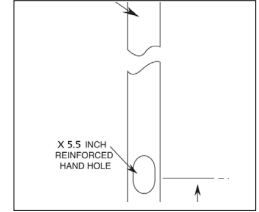


# PR5 – Aluminum Pole

TYPE

## 5" ROUND (RD) POLE



1. BASE	2. POLE	3. OAH	4. COLOR
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1. BASE	2. POLE	3. OAH	SHAFT	WT	MAXIMUM ALLOWABLE EPA (MPH)									
					85	90	100	110	120	130	140	150		
PR5	5R8-188	8' (2.4m)	5" RD x .188"	47	30	26.7	21.7	18	15.2	13.0	11.1	9.7		
PR5	5R10-188	10' (3.1m)	5" RD x .188"	54	23.1	20.5	16.6	13.8	11.5	9.8	8.4	7.3		
PR5	5R12-188	12' (3.7m)	5" RD x .188"	61	18.3	16.2	13.0	10.8	9.0	7.6	6.5	5.6		
PR5	5R14-188	14' (4.3m)	5" RD x .188"	68	14.8	13	10.4	8.5	7	5.9	5	4.3		
PR5	5R16-188	16' (4.9m)	5" RD x .188"	75	12	10.5	8.2	6.7	5.5	4.6	3.9	3.3		
PR5	5R18-188	18' (5.5m)	5" RD x .188"	82	9.6	8.2	6.4	5.2	4.2	3.5	2.9	2.4		
PR5	5R20-188	20' (6.2m)	5" RD x .188"	88	7.6	6.4	4.9	3.9	3.1	2.5	2	1.7		
PR5	5R22-188	22' (6.8m)	5" RD x .188"	95	6	5.0	3.6	2.7	2.1	1.7	1.3	1		
PR5	5R24-188	24' (7.4m)	5" RD x .188"	101	4.5	3.6	2.4	1.9	1.3	1.0	0.7	0.5		
PR5	5R25-188	25' (7.7m)	5" RD x .188"	105	3.9	3	1.9	1.4	1.0	0.6	0.4	0.2		
PR5	5R12-250	12' (3.7m)	5" RD x .250"	72	24	21.9	17.8	14.8	12.3	10.5	9	7.8		
PR5	5R14-250	14' (4.3m)	5" RD x .250"	83	19.5	17.5	14	11.6	9.7	8.2	7	6		
PR5	5R16-250	16' (4.9m)	5" RD x .250"	92	16.3	14.3	11.4	9.4	7.8	6.6	5.6	4.8		
PR5	5R18-250	18' (5.5m)	5" RD x .250"	100	13.4	11.7	9.2	7.5	6.2	5.2	4.4	3.7		
PR5	5R20-250	20' (6.2m)	5" RD x .250"	109	10.9	9.4	7.3	5.9	4.8	4	3.3	2.8		
PR5	5R22-250	22' (6.8m)	5" RD x .250"	118	8.85	7.5	5.7	4.5	3.7	3	2.4	2		
PR5	5R24-250	24' (7.4m)	5" RD x .250"	127	7.1	5.9	4.4	3.4	2.7	2.1	1.7	1.3		
PR5	5R25-250	25' (7.7m)	5" RD x .250"	131	6.3	5.2	3.8	2.9	2.2	1.7	1.3	1		

Note: Overall height is measured to top of pole.

### 2. COLOR

<b>BLS</b>	Black Gloss Smooth
<b>BLT</b>	Black Matte Textured
<b>DBS</b>	Dark Bronze Gloss Smooth
<b>DBT</b>	Dark Bronze Matte Textured
<b>GTT</b>	Graphite Matte Textured
<b>LGS</b>	Light Grey Gloss Smooth
<b>LGT</b>	Light Grey Matte Textured
<b>PSS</b>	Platinum Silver Smooth
<b>VGT</b>	Verde Green Textured
<b>WHS</b>	White Gloss Smooth
<b>WHT</b>	White Matte Textured

### Color Option

**CC\*** Custom Color

\* Consult factory for custom color, marine and corrosive finish options

### SPECIFICATIONS

Base shall be cast aluminum #356 alloy, free of any porosity, foreign materials, or cosmetic fillers. Base casting shall be heat treated to a T-6 condition, and of uniform wall thickness, with no warping or mold shifting.

### WARNINGS

Caution must be exercised in the selection of a design wind speed when the pole is to be installed in a special wind region (as indicated by the wind map) or in an area where wind speed is unpredictable.

AAL recommends consulting a local engineer when the pole is to be installed in an area that may be subject to extreme weather and exposure

Poles installed on structures such as buildings and bridges may be subjected to vibration, oscillations, and other fatigue effects which are not covered by the AAL warranty.

The use of banners or other appendages can severely affect the loading of a pole. No banner or other appendage should be attached to an AAL pole unless approved by AAL.

If the products are to be used on an existing foundation or on other structures, the customer assumes all responsibility for the structural integrity of the existing foundation, anchorage or structures and all the consequences arising therefrom.

### CAUTION

Poles should never be erected without the luminaire installed.

Anchor bolts shall be hot dip galvanized steel. Eight galvanized hex nuts and flat washers, and a bolt circle template shall be provided. Anchor bolt for poles are 3/4" x 24" x 3".

### CERTIFICATION

Certified UL 1598 in accordance with Article 410 of ANSI/NFPA 70, National Electrical Code.

<b>JOB</b>	_____
<b>TYPE</b>	_____
<b>NOTES</b>	_____
	_____



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DIMENSIONS

