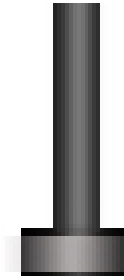


AAL Poles



SPECIFICATIONS

CONSTRUCTION

- 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 there from.

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.

ORDERING GUIDE

Example: PR4-4R12-125-PCR-GFI-SBC-PTF-BLT

CATALOG #

POLE

Base	Pole	OAH	Finish	Mounting		
PR5 5" Round Pole	5R8-188	5R8-188	8' (2.4m)	8' (2.4m)	BLS Black Gloss Smooth	TEN Tenon, 2 3/8" Ø x 4"H
	5R10-188	5R10-188	10' (3.1m)	10' (3.1m)	BLT Black Matte Textured	TEN3 Tenon, 3" Ø x 3"H
	5R12-188	5R12-188	12' (3.7m)	12' (3.7m)	DBS Dark Bronze Gloss Smooth	1A Single Side Arm
	5R14-188	5R14-188	14' (4.3m)	14' (4.3m)	DBT Dark Bronze Matte Textured	2B Double Side Arm
	5R16-188	5R16-188	16' (4.9m)	16' (4.9m)	GTT Graphite Matte Textured	PTF Post Top Fixture
	5R18-188	5R18-188	18' (5.5m)	18' (5.5m)	LGS Light Grey Gloss Smooth	PTA Post Top Arm
	5R20-188	5R20-188	20' (6.2m)	20' (6.2m)	LGT Light Grey Matte Textured	PTAD Post Top Adaptor
	5R22-188	5R22-188	22' (6.8m)	22' (6.8m)	PSS Platinum Silver Gloss Smooth	ND No Drilling
	5R24-188	5R24-188	24' (7.4m)	24' (7.4m)	VGT Verde Green Matte Textured	
	5R25-188	5R25-188	25' (7.7m)	25' (7.7m)	WHS White Gloss Smooth	
	5R12-250	5R12-250	12' (3.7m)	12' (3.7m)	WHT White Matte Textured	
	5R14-250	5R14-250	14' (4.3m)	14' (4.3m)	Color Option	
	5R16-250	5R16-250	16' (4.9m)	16' (4.9m)	CC ¹ Custom Color	
	5R18-250	5R18-250	18' (5.5m)	18' (5.5m)		
	5R20-250	5R20-250	20' (6.2m)	20' (6.2m)		
	5R22-250	5R22-250	22' (6.8m)	22' (6.8m)		
	5R24-250	5R24-250	24' (7.4m)	24' (7.4m)		
	5R25-250	5R25-250	25' (7.7m)	25' (7.7m)		

Notes:

1 Consult factory for custom color, marine and corrosive finish

Series	SHAFT	OAH	Maximum Allowable EPA (MPH)										
			SHAFT	WT	85	90	100	110	120	130	140	150	
PR5	5R8-188	8' (2.4m)	5" RD x .188"	47	30.0	26.7	21.7	18.0	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	7.0	5.9	5.0	4.3	
PR5	5R16-188	16' (4.9m)	5" RD x .188"	75	12.0	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	2.0	1.7	
PR5	5R22-188	22' (6.8m)	5" RD x .188"	95	6.0	5.0	3.6	2.7	2.1	1.7	1.3	1.0	
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	3.0	1.9	1.4	1.0	0.6	0.4	0.2	
PR5	5R12-250	12' (3.7m)	5" RD x .250"	72	24.0	21.9	17.8	14.8	12.3	10.5	9.0	7.8	
PR5	5R14-250	14' (4.3m)	5" RD x .250"	83	19.5	17.5	14.0	11.6	9.7	8.2	7.0	6.0	
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	4.0	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	3.0	2.4	2.0	
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	1.0	

DIMENSIONS

