

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

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. Six 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: DB5-4R12-125-12'-BLS-FS1

CATALOG #

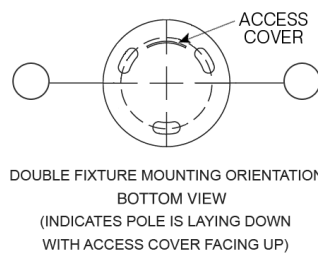
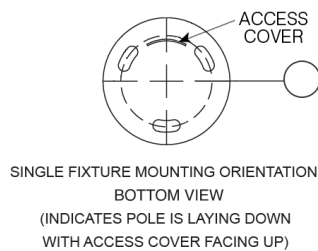
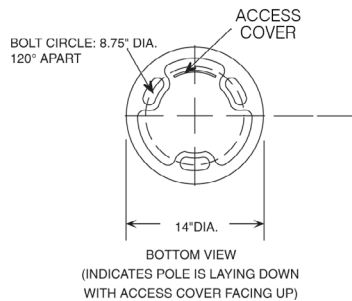
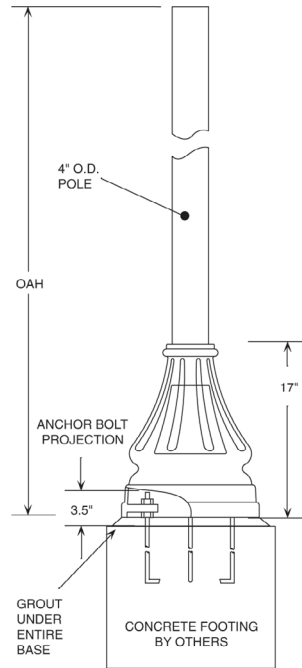
POLE

Base	Pole ¹	Finish	Options
DB5 4" Round Fluted Pole	ROUND POLE 4"		TEN Tenon, 2 3/8" Ø x 4"H
	4R10-125	4R10-125	TEN3 Tenon, 3" Ø x 3"H
	4R12-125	4R12-125	1A Single Side Arm
	4R14-125	4R16-125	2B Double Side Arm
	4R16-125	4R10-226	PTF Post Top Fixture
	4R10-226	4R10-226	PTA Post Top Arm
	4R12-226	4R12-226	PTAD Post Top Adaptor
	4R14-226	4R14-226	ND No Drilling
	4R16-226	4R16-226	PCR Low profile twist lock photocell receptacle with cast pole cap top. Secures to the top of the pole with three stainless steel set screws. Photocell by others.
	FLUTED POLE 4"		RBC Cast aluminum receptacle housing, integrally welded to the pole. Includes a NEC approved clear weather proof cover. Does 610mm"24.0140mm"5.50hole Hand RBCTop of polelocationstandard83mm "3.2564mm "2.50 not include a receptacle or internal wiring
	4F10-188	4F10-188	GFI Ground Fault Interrupter. Wet location receptacle. Standard location is 24" down from top of pole, In-line with hand hole
	4F12-188	4F12-188	
	4F14-188	4F14-188	
	4F16-188	4F16-188	
		BLS Black Gloss Smooth	
		BLT Black Matte Textured	
		DBS Dark Bronze Gloss Smooth	
		DBT Dark Bronze Matte Textured	
		GTT Graphite Matte Textured	
		LGS Light Grey Gloss Smooth	
		LGT Light Grey Matte Textured	
		PSS Platinum Silver Gloss Smooth	
		VGT Verde Green Matte Textured	
		WHS White Gloss Smooth	
		WHT White Matte Textured	
		Color Option	
		CC Custom Color ²	

Notes:

- Consult Maximum Allowable EPA (MPH) chart on page 2
- Consult factory for custom color, marine and corrosive finish

DIMENSIONS



PRODUCT EXCEPTIONS & DETAILS

1. BASE	2. POLE	3. OAH	MAXIMUM ALLOWABLE EPA (MPH)											
			SHAFT	WT	85	90	100	110	120	130	140	150		
DB5	4R10-125	10' (3.1m)	4" RD x .125"	40	12.9	11.4	9.0	7.2	5.9	4.9	4.2	3.7		
DB5	4R12-125	12' (3.7m)	4" RD x .125"	44	10.2	8.9	7.0	5.5	4.5	3.7	3.1	2.7		
DB5	4R14-125	14' (4.3m)	4" RD x .125"	48	8.2	7.1	5.5	4.2	3.3	2.7	2.3	1.9		
DB5	4R16-125	16' (4.9m)	4" RD x .125"	51	6.7	5.7	4.3	3.2	2.4	1.9	1.6	1.3		
DB5	4R10-226	10' (3.1m)	4" RD x .226"	53	15.9	14.0	11.1	9.0	7.4	6.2	5.3	4.6		
DB5	4R12-226	12' (3.7m)	4" RD x .226"	59	12.8	11.3	8.9	7.1	5.7	4.8	4.1	3.5		
DB5	4R14-226	14' (4.3m)	4" RD x .226"	65	10.6	9.3	7.2	5.6	4.5	3.7	3.1	2.7		
DB5	4R16-226	16' (4.9m)	4" RD x .226"	71	8.3	8.2	6.3	4.9	3.8	3.1	2.7	2.2		
DB5	4F10-188	10' (3.1m)	4" FL x .188"	48	14.7	13.0	10.3	8.3	6.8	5.7	4.7	4.1		
DB5	4F12-188	12' (3.7m)	4" FL x .188"	53	11.7	10.3	8.1	6.4	5.1	4.3	3.5	2.9		
DB5	4F14-188	14' (4.3m)	4" FL x .188"	59	9.5	8.3	6.4	5.0	3.9	3.2	2.6	2.1		
DB5	4F16-188	16' (4.9m)	4" FL x .188"	64	7.8	6.7	5.1	3.9	2.9	2.3	1.8	1.5		

Note: Overall height is measured to top of pole.