

DB10 – Decorative Pole

TYPE

5" ROUND (RD) & FLUTED (FL) DECORATIVE BASE



DB10

1. BASE	2. POLE	3. OAH	4. COLOR	5. OPTIONS/ACCESSORIES				

1. BASE	2. POLE	3. OAH	SHAFT	WT	MAXIMUM ALLOWABLE EPA (MPH)									
					85	90	100	110	120	130	140	150		
DB10	5R14-188	14' (4.3m)	5" RD x .188"	89	32.3	28.5	22.7	18.6	15.5	13.1	11.2	9.6		
DB10	5R16-188	16' (4.9m)	5" RD x .188"	95	27.3	23.9	19.0	15.5	12.8	10.8	9.2	7.9		
DB10	5R18-188	18' (5.5m)	5" RD x .188"	102	22.8	19.8	15.6	12.7	10.5	8.8	7.4	6.4		
DB10	5R20-188	20' (6.2m)	5" RD x .188"	109	18.9	16.4	12.8	10.3	8.5	7.0	5.9	5.0		
DB10	5R22-188	22' (6.8m)	5" RD x .188"	116	15.8	13.5	10.4	8.3	6.8	5.6	4.7	3.9		
DB10	5R24-188	24' (7.4m)	5" RD x .188"	123	13.1	11.1	8.4	6.6	5.3	4.3	3.6	3.0		
DB10	5R25-188	25' (7.7m)	5" RD x .188"	127	11.9	10.0	7.5	5.9	4.7	3.8	3.1	2.5		
DB10	5F14-188	14' (4.3m)	5" FL x .188"	89	21.4	18.7	14.8	12.1	10.0	8.2	6.9	5.8		
DB10	5F16-188	16' (4.9m)	5" FL x .188"	95	17.8	15.5	12.1	9.8	8.0	6.6	5.4	4.5		
DB10	5F18-188	18' (5.5m)	5" FL x .188"	102	14.5	12.5	9.7	7.8	6.3	5.1	4.1	3.3		
DB10	5F20-188	20' (6.2m)	5" FL x .188"	109	11.8	10.0	7.6	6.1	4.8	3.7	3.0	2.3		
DB10	5F22-188	22' (6.8m)	5" FL x .188"	116	9.4	7.9	5.8	4.6	3.9	2.6	2.0	1.4		
DB10	5F24-188	24' (7.4m)	5" FL x .188"	123	7.4	6.1	4.3	3.3	2.4	1.7	1.1	0.6		
DB10	5F25-188	25' (7.7m)	5" FL x .188"	127	6.6	5.2	3.6	2.7	1.9	1.2	0.7	0.3		
DB10	5R14-250	14' (4.3m)	5" RD x .250"	101	35.7	31.5	25.2	20.6	17.2	14.5	12.4	10.7		
DB10	5R16-250	16' (4.9m)	5" RD x .250"	110	30.5	26.8	21.3	17.4	14.5	12.2	10.4	9.0		
DB10	5R18-250	18' (5.5m)	5" RD x .250"	119	25.8	22.5	17.8	14.5	12.0	10.1	8.6	7.3		
DB10	5R20-250	20' (6.2m)	5" RD x .250"	127	21.8	18.9	14.8	12.0	9.9	8.3	7.0	6.0		
DB10	5R22-250	22' (6.8m)	5" RD x .250"	135	18.5	15.9	12.4	9.9	8.1	6.7	5.7	4.8		
DB10	5R24-250	24' (7.4m)	5" RD x .250"	143	15.7	13.4	10.3	8.2	6.6	5.5	4.5	3.8		
DB10	5R25-250	25' (7.7m)	5" RD x .250"	145	14.5	12.3	9.3	7.4	6.0	4.9	4.0	3.4		

Note: Overall height is measured to top of pole.

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 bolts for poles 14 feet high or less are 3/4" x 24" x 3". Anchor bolt for poles more than 14 feet high are 1" x 36" x 4".

CERTIFICATION

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

2. COLOR

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 Smooth
VGT	Verde Green Textured
WHS	White Gloss Smooth
WHT	White Matte Textured

Color Option

CC* Custom Color

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

3. OPTIONS / ACCESSORIES

AD5 (This adapter is to be used only with standard AAL arms and post top mount fixtures that slip over a 4" O.D. pole. The AD5 is a cast aluminum adapter that slips into the arm over a 5"/125mm O.D. pole.)

FH (Flag holder. Specify location on pole)

FS1 (Single weatherproof fuse holder. Fuse by others.)

FS2 (Double weatherproof fuse holder. Fuse by others.)

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.)

RBC (Cast aluminum receptacle housing, integrally welded to the pole. Includes a NEC approved clear weatherproof cover. Does not include a receptacle or internal wiring.)

JOB _____

TYPE _____

NOTES _____



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DIMENSIONS

