

DB4 – Decorative Pole

TYPE

4" & 5" ROUND (RD) & FLUTED (FL) DECORATIVE BASE



DB4

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

MAXIMUM ALLOWABLE EPA (MPH)

1. BASE	2. POLE	3. OAH	SHAFT	WT	MAXIMUM ALLOWABLE EPA (MPH)													
					85	90	100	110	120	130	140	150						
DB4	4R10-125	10' (3.1m)	4" RD x .125"	81	19.4	17.1	13.5	10.8	8.9	7.4	6.3	5.5						
DB4	4R12-125	12' (3.7m)	4" RD x .125"	85	15.3	13.4	10.5	8.3	6.7	5.6	4.7	4.0						
DB4	4R14-125	14' (4.3m)	4" RD x .125"	88	12.3	10.7	8.2	6.3	5.0	4.1	3.4	2.9						
DB4	4R16-125	16' (4.9m)	4" RD x .125"	92	10.0	8.6	6.4	4.8	3.6	2.9	2.4	2.0						
DB4	4R10-226	10' (3.1m)	4" RD x .226"	91	23.8	21.0	16.7	13.5	11.1	9.3	8.0	6.9						
DB4	4R12-226	12' (3.7m)	4" RD x .226"	97	19.2	16.9	13.3	10.6	8.6	7.2	6.1	5.3						
DB4	4R14-226	14' (4.3m)	4" RD x .226"	104	15.9	13.9	10.8	8.4	6.8	5.6	4.7	4.0						
DB4	4R16-226	16' (4.9m)	4" RD x .226"	110	12.4	12.3	9.4	7.3	5.7	4.7	4.0	3.3						
DB4	4F10-188	10' (3.1m)	4" FL x .188"	87	22.1	19.5	15.4	12.4	10.2	8.5	7.1	6.1						
DB4	4F12-188	12' (3.7m)	4" FL x .188"	92	17.6	15.4	12.1	9.6	7.7	6.4	5.3	4.4						
DB4	4F14-188	14' (4.3m)	4" FL x .188"	98	14.3	12.5	9.6	7.5	5.9	4.8	3.9	3.2						
DB4	4F16-188	16' (4.9m)	4" FL x .188"	103	11.7	10.1	7.6	5.8	4.4	3.5	2.7	2.2						
DB4	5R14-188	14' (4.3m)	5" RD x .188"	105	32.3	28.5	22.7	18.6	15.5	13.1	11.2	9.6						
DB4	5R16-188	16' (4.9m)	5" RD x .188"	112	27.3	23.9	19.0	15.5	12.8	10.8	9.2	7.9						
DB4	5R18-188	18' (5.5m)	5" RD x .188"	119	22.8	19.8	15.6	12.7	10.5	8.8	7.4	6.4						
DB4	5R20-188	20' (6.2m)	5" RD x .188"	125	18.9	16.4	12.8	10.3	8.5	7.0	5.9	5.0						
DB4	5R22-188	22' (6.8m)	5" RD x .188"	131	15.8	13.5	10.4	8.3	6.8	5.6	4.7	3.9						
DB4	5R24-188	24' (7.4m)	5" RD x .188"	137	13.1	11.1	8.4	6.6	5.3	4.3	3.6	3.0						
DB4	5R25-188	25' (7.7m)	5" RD x .188"	140	11.9	10.0	7.5	5.9	4.7	3.8	3.1	2.5						
DB4	5R14-250	14' (4.3m)	5" RD x .250"	117	35.7	31.5	25.2	20.6	17.2	14.5	12.4	10.7						
DB4	5R16-250	16' (4.9m)	5" RD x .250"	126	30.5	26.8	21.3	17.4	14.5	12.2	10.4	9.0						
DB4	5R18-250	18' (5.5m)	5" RD x .250"	135	25.8	22.5	17.8	14.5	12.0	10.1	8.6	7.3						
DB4	5R20-250	20' (6.2m)	5" RD x .250"	144	21.8	18.9	14.8	12.0	9.9	8.3	7.0	6.0						
DB4	5R22-250	22' (6.8m)	5" RD x .250"	152	18.5	15.9	12.4	9.9	8.1	6.7	5.7	4.8						
DB4	5R24-250	24' (7.4m)	5" RD x .250"	161	15.7	13.4	10.3	8.2	6.6	5.5	4.5	3.8						
DB4	5R25-250	25' (7.7m)	5" RD x .250"	166	14.5	12.3	9.3	7.4	6.0	4.9	4.0	3.4						
DB4	5F14-188	14' (4.3m)	5" FL x .188"	105	21.4	18.7	14.8	12.1	10.0	8.2	6.9	5.8						
DB4	5F16-188	16' (4.9m)	5" FL x .188"	112	17.8	15.5	12.1	9.8	8.0	6.6	5.4	4.5						
DB4	5F18-188	18' (5.5m)	5" FL x .188"	119	14.5	12.5	9.7	7.8	6.3	5.1	4.1	3.3						
DB4	5F20-188	20' (6.2m)	5" FL x .188"	125	11.8	10.0	7.6	6.1	4.8	3.7	3.0	2.3						
DB4	5F22-188	22' (6.8m)	5" FL x .188"	131	9.4	7.9	5.8	4.6	3.9	2.6	2.0	1.4						
DB4	5F24-188	24' (7.4m)	5" FL x .188"	137	7.4	6.1	4.3	3.3	2.4	1.7	1.1	0.6						
DB4	5F25-188	25' (7.7m)	5" FL x .188"	140	6.6	5.2	3.6	2.7	1.9	1.2	0.7	0.3						

Note: Overall height is measured to top of pole.

2. COLOR

Standard Color

WH	Arctic White
BL	Black
BLT	Matte Black
DB	Dark Bronze
DGN	Dark Green
TT	Titanium
WDB	Weathered Bronze
MDB	Bronze Metallic
VBU	Verde Blue
CRT	Corten
MAL	Matte Aluminum
MG	Medium Grey
AGN	Antique Green
LG	Light Grey

Premium Color

SHK	Shamrock
SPP	Salt and Pepper
SFM	Seafoam
WCP	Weathered Copper
RAL	RAL 4 digit Color
CUSTOM	Custom Color

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" od pole. The AD5 is a cast aluminum adapter that slips into the arm or over a 5"/125mm od pole.)

FH (Flag holder. Specify location on pole)

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

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

LR ** (Ladder rest. Slips over a 4" O.D. pole.)

PCA-T (** Rotatable photocell housing. The housing slips over a 4"/100mm o.d. pole. a fixture slips over the 4"/100mm O.D. tenon. Includes an internal twist lock receptacle, and an access cover with integral lens and stainless steel tether. Adds 5"/125mm to the overall height of the pole/fixture assembly. Prewired on the load side and line side for easy installation. Photocell 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.)

PLT (** Plant Hanger. For 4" o.d. poles. Specify location on pole)

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.)

* For 5" O.D. Only

** For 4" O.D. Only

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. Six 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.

JOB _____

TYPE _____

NOTES _____



DB4 – Decorative Pole

TYPE

4" & 5" ROUND (RD) & FLUTED (FL) DECORATIVE BASE

DIMENSIONS

