

DB3 – Decorative Pole

TYPE

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



DB3

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

MAXIMUM ALLOWABLE EPA (MPH)

1. BASE	2. POLE	3. OAH	SHAFT	WT	85	90	100	110	120	130	140	150
DB3	4R10-125	10' (3.1m)	4" RD x .125"	73	19.4	17.1	13.5	10.8	8.9	7.4	6.3	5.5
DB3	4R12-125	12' (3.7m)	4" RD x .125"	77	15.3	13.4	10.5	8.3	6.7	5.6	4.7	4.0
DB3	4R14-125	14' (4.3m)	4" RD x .125"	81	12.3	10.7	8.2	6.3	5.0	4.1	3.4	2.9
DB3	4R16-125	16' (4.9m)	4" RD x .125"	84	10.0	8.6	6.4	4.8	3.6	2.9	2.4	2.0
DB3	4R10-226	10' (3.1m)	4" RD x .226"	85	23.8	21.0	16.7	13.5	11.1	9.3	8.0	6.9
DB3	4R12-226	12' (3.7m)	4" RD x .226"	92	19.2	16.9	13.3	10.6	8.6	7.2	6.1	5.3
DB3	4R14-226	14' (4.3m)	4" RD x .226"	98	15.9	13.9	10.8	8.4	6.8	5.6	4.7	4.0
DB3	4R16-226	16' (4.9m)	4" RD x .226"	104	12.4	12.3	9.4	7.3	5.7	4.7	4.0	3.3
DB3	4R18-226	18' (5.5m)	4" RD x .226"	110	11.7	10.0	7.5	5.6	4.3	3.5	2.9	2.4
DB3	4R20-226	20' (6.2m)	4" RD x .226"	116	9.5	8.1	5.9	4.2	3.1	2.4	1.9	1.6
DB3	4F10-188	10' (3.1m)	4" FL x .188"	80	22.1	19.5	15.4	12.4	10.2	8.5	7.1	6.1
DB3	4F12-188	12' (3.7m)	4" FL x .188"	86	17.6	15.4	12.1	9.6	7.7	6.4	5.3	4.4
DB3	4F14-188	14' (4.3m)	4" FL x .188"	91	14.3	12.5	9.6	7.5	5.9	4.8	3.9	3.2
DB3	4F16-188	16' (4.9m)	4" FL x .188"	96	11.7	10.1	7.6	5.8	4.4	3.5	2.7	2.2
DB3	4F18-188	18' (5.5m)	4" FL x .188"	101	9.4	8.0	5.6	4.3	3.1	2.3	1.7	1.2
DB3	4F20-188	20' (6.2m)	4" FL x .188"	106	7.4	6.2	4.3	2.9	1.9	1.2	0.7	0.4
DB3	5R14-188	14' (4.3m)	5" RD x .188"	100	32.3	28.5	22.7	18.6	15.5	13.1	11.2	9.6
DB3	5R16-188	16' (4.9m)	5" RD x .188"	106	27.3	23.9	19.0	15.5	12.8	10.8	9.2	7.9
DB3	5R18-188	18' (5.5m)	5" RD x .188"	113	22.8	19.8	15.6	12.7	10.5	8.8	7.4	6.4
DB3	5R20-188	20' (6.2m)	5" RD x .188"	120	18.9	16.4	12.8	10.3	8.5	7.0	5.9	5.0
DB3	5R22-188	22' (6.8m)	5" RD x .188"	127	15.8	13.5	10.4	8.3	6.8	5.6	4.7	3.9
DB3	5R24-188	24' (7.4m)	5" RD x .188"	134	13.1	11.1	8.4	6.6	5.3	4.3	3.6	3.0
DB3	5R25-188	25' (7.7m)	5" RD x .188"	138	11.9	10.0	7.5	5.9	4.7	3.8	3.1	2.5
DB3	5R14-250	14' (4.3m)	5" RD x .250"	113	35.7	31.5	25.2	20.6	17.2	14.5	12.4	10.7
DB3	5R16-250	16' (4.9m)	5" RD x .250"	122	30.5	26.8	21.3	17.4	14.5	12.2	10.4	9.0
DB3	5R18-250	18' (5.5m)	5" RD x .250"	131	25.8	22.5	17.8	14.5	12.0	10.1	8.6	7.3
DB3	5R20-250	20' (6.2m)	5" RD x .250"	139	21.8	18.9	14.8	12.0	9.9	8.3	7.0	6.0
DB3	5R22-250	22' (6.8m)	5" RD x .250"	148	18.5	15.9	12.4	9.9	8.1	6.7	5.7	4.8
DB3	5R24-250	24' (7.4m)	5" RD x .250"	157	15.7	13.4	10.3	8.2	6.6	5.5	4.5	3.8
DB3	5R25-250	25' (7.7m)	5" RD x .250"	161	14.5	12.3	9.3	7.4	6.0	4.9	4.0	3.4
DB3	5F12-188	12' (3.7m)	5" FL x .188"	94	25.4	22.3	17.8	14.7	12.1	10.0	8.6	7.2
DB3	5F14-188	14' (4.3m)	5" FL x .188"	100	21.4	18.7	14.8	12.1	10.0	8.2	6.9	5.8
DB3	5F16-188	16' (4.9m)	5" FL x .188"	106	17.8	15.5	12.1	9.8	8.0	6.6	5.4	4.5
DB3	5F18-188	18' (5.5m)	5" FL x .188"	113	14.5	12.5	9.7	7.8	6.3	5.1	4.1	3.3
DB3	5F20-188	20' (6.2m)	5" FL x .188"	120	11.8	10.0	7.6	6.1	4.8	3.7	3.0	2.3
DB3	5F22-188	22' (6.8m)	5" FL x .188"	127	9.4	7.9	5.8	4.6	3.9	2.6	2.0	1.4
DB3	5F24-188	24' (7.4m)	5" FL x .188"	134	7.4	6.1	4.3	3.3	2.4	1.7	1.1	0.6
DB3	5F25-188	25' (7.7m)	5" FL x .188"	138	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	3. OPTIONS / ACCESSORIES
BLS Black Gloss Smooth	AD5*(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 armor over a 5"/125mm O.D. pole.)
BLT Black Matte Textured	FH (Flag holder. Specify location on pole)
DBS Dark Bronze Gloss Smooth	FS1 (Single weatherproof fuse holder. Fuse by others.)
DBT Dark Bronze Matte Textured	FS2 (Double weatherproof fuse holder. Fuse by others.)
GTT Graphite Matte Textured	LR ** (Ladder rest. Slips over a 4" O.D. pole.)
LGS Light Grey Gloss Smooth	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. Pre-wired on the load side and line side for easy installation. Photocell by others.)
LGT Light Grey Matte Textured	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.)
PSS Platinum Silver Smooth	PLT** (Plant Hanger. For 4" O.D. poles. (specify location on pole)
VGT Verde Green Textured	RB(C) (Cast aluminum receptacle housing, integrally welded to the pole. Includes a NEC approved clear weatherproof cover. Does not include a receptacle or internal wiring.)
WHS White Gloss Smooth	
WHT 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. 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 _____



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

DIMENSIONS

