

DB2 – Decorative Pole

TYPE

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



DB2

| | | | | | | | | |
|---------|---------|--------|----------|------------------------|--|--|--|--|
| 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 |
|---------|----------|------------|---------------|-----|------|------|------|------|------|------|------|------|
| DB2 | 5R12-188 | 12' (3.7m) | 5" RD x .188" | 116 | 32.3 | 28.5 | 22.7 | 18.6 | 15.5 | 13.1 | 11.2 | 9.6 |
| DB2 | 5R14-188 | 14' (4.3m) | 5" RD x .188" | 116 | 32.3 | 28.5 | 22.7 | 18.6 | 15.5 | 13.1 | 11.2 | 9.6 |
| DB2 | 5R16-188 | 16' (4.9m) | 5" RD x .188" | 123 | 27.3 | 23.9 | 19.0 | 15.5 | 12.8 | 10.8 | 9.2 | 7.9 |
| DB2 | 5R18-188 | 18' (5.5m) | 5" RD x .188" | 129 | 22.8 | 19.8 | 15.6 | 12.7 | 10.5 | 8.8 | 7.4 | 6.4 |
| DB2 | 5R20-188 | 20' (6.2m) | 5" RD x .188" | 136 | 18.9 | 16.4 | 12.8 | 10.3 | 8.5 | 7.0 | 5.9 | 5.0 |
| DB2 | 5R22-188 | 22' (6.8m) | 5" RD x .188" | 142 | 15.8 | 13.5 | 10.4 | 8.3 | 6.8 | 5.6 | 4.7 | 3.9 |
| DB2 | 5R24-188 | 24' (7.4m) | 5" RD x .188" | 148 | 13.1 | 11.1 | 8.4 | 6.6 | 5.3 | 4.3 | 3.6 | 3.0 |
| DB2 | 5R25-188 | 25' (7.7m) | 5" RD x .188" | 151 | 11.9 | 10.0 | 7.5 | 5.9 | 4.7 | 3.8 | 3.1 | 2.5 |
| DB2 | 5R14-250 | 14' (4.3m) | 5" RD x .250" | 132 | 35.7 | 31.5 | 25.2 | 20.6 | 17.2 | 14.5 | 12.4 | 10.7 |
| DB2 | 5R16-250 | 16' (4.9m) | 5" RD x .250" | 140 | 30.5 | 26.8 | 21.3 | 17.4 | 14.5 | 12.2 | 10.4 | 9.0 |
| DB2 | 5R18-250 | 18' (5.5m) | 5" RD x .250" | 150 | 25.8 | 22.5 | 17.8 | 14.5 | 12.0 | 10.1 | 8.6 | 7.3 |
| DB2 | 5R20-250 | 20' (6.2m) | 5" RD x .250" | 158 | 21.8 | 18.9 | 14.8 | 12.0 | 9.9 | 8.3 | 7.0 | 6.0 |
| DB2 | 5R22-250 | 22' (6.8m) | 5" RD x .250" | 167 | 18.5 | 15.9 | 12.4 | 9.9 | 8.1 | 6.7 | 5.7 | 4.8 |
| DB2 | 5R24-250 | 24' (7.4m) | 5" RD x .250" | 176 | 15.7 | 13.4 | 10.3 | 8.2 | 6.6 | 5.5 | 4.5 | 3.8 |
| DB2 | 5R25-250 | 25' (7.7m) | 5" RD x .250" | 180 | 14.5 | 12.3 | 9.3 | 7.4 | 6.0 | 4.9 | 4.0 | 3.4 |
| DB2 | 5F14-188 | 14' (4.3m) | 5" FL x .188" | 116 | 21.4 | 18.7 | 14.8 | 12.1 | 10.0 | 8.2 | 6.9 | 5.8 |
| DB2 | 5F16-188 | 16' (4.9m) | 5" FL x .188" | 123 | 17.8 | 15.5 | 12.1 | 9.8 | 8.0 | 6.6 | 5.4 | 4.5 |
| DB2 | 5F18-188 | 18' (5.5m) | 5" FL x .188" | 129 | 14.5 | 12.5 | 9.7 | 7.8 | 6.3 | 5.1 | 4.1 | 3.3 |
| DB2 | 5F20-188 | 20' (6.2m) | 5" FL x .188" | 136 | 11.8 | 10.0 | 7.6 | 6.1 | 4.8 | 3.7 | 3.0 | 2.3 |
| DB2 | 5F22-188 | 22' (6.8m) | 5" FL x .188" | 142 | 9.4 | 7.9 | 5.8 | 4.6 | 3.9 | 2.6 | 2.0 | 1.4 |
| DB2 | 5F24-188 | 24' (7.4m) | 5" FL x .188" | 148 | 7.4 | 6.1 | 4.3 | 3.3 | 2.4 | 1.7 | 1.1 | 0.6 |
| DB2 | 5F25-188 | 25' (7.7m) | 5" FL x .188" | 151 | 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.

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.

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" od 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 _____



ARCHITECTURAL AREA LIGHTING
17760 Rowland Street | City of Industry | CA 91748
P 626.968.5666 | F 626.369.2695 | www.aal.net
Copyright © 2016 November 9, 2020 6:59 PM

DB2 – Decorative Pole

TYPE

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

DIMENSIONS

