



# 4700 AUSTIN SERIES

## ORNAMENTAL POLE

**DIMENSIONS**  
10" SQUARE  
42-1/4" TALL



JOB NAME \_\_\_\_\_

FIXTURE TYPE \_\_\_\_\_

MEMO \_\_\_\_\_

### BUILD A PART NUMBER

ORDERING EXAMPLE: 4714FP5-.188-BCC-GFILPIUC-SH/BKT

| Base Model | Height | Shaft | Wall Thickness | Post Center Cap | Option Burial | Option Photocell | Option Ground Fault Breaker | Option Flag Pole Holder | Option Banner Arms | Option Planter Arms | Option Sign Arms | Option Speaker Hub | Option Sign Bracket | Option Steel Wreath Hook | Finish |
|------------|--------|-------|----------------|-----------------|---------------|------------------|-----------------------------|-------------------------|--------------------|---------------------|------------------|--------------------|---------------------|--------------------------|--------|
|            |        |       |                |                 |               |                  |                             |                         |                    |                     |                  |                    |                     |                          |        |

#### Base Model

• 47

#### Height (in feet)

• 8 • 10 • 12 • 14 • 16 • 18 • 20

#### Shaft

- T4: 4"- 3" Tapered Smooth<sup>1</sup>
- T5: 5"- 3" Tapered Smooth
- T54: 5"- 4" Tapered Smooth
- P4: 4" Straight Smooth
- P5: 5" Straight Smooth
- FP4<sup>1</sup>: 4" Straight Fluted
- FP5<sup>2</sup>: 5" Straight Fluted
- TFP5<sup>3</sup>: 5"- 3" Tapered Fluted

<sup>1</sup>Not available in .250 wall.

<sup>2</sup>Not available in .125 wall.

<sup>3</sup>Heights limited to 11'0", 12'1", 14'2", 16'2".

#### Wall Thickness

- .125: 1/8" Wall Thickness
- .188: 3/16" Wall Thickness
- .250: 1/4" Wall Thickness
- C<sup>4</sup>: Cast Shaft, Varied Wall Thickness

<sup>4</sup>For cast "TFP" shafts only.

#### Post Center Cap (if required)

(Click here to view post cap sheet)

- BCC • FCC • SCC • TFCC
- SSCC • RCC • PCC

#### Options (Click here to view accessories sheet)

- DB4 Direct Burial mounting style pole, with 4' direct burial section (or advise other length)
- HXB Helix Base mounting style pole
- PCD Electronic Button Photocontrol, mounted on an access door (120v-277v)
- PCD4 Electronic Button Photocontrol, mounted on an access door (480v)

- GFI IUC 15 Amp duplex GFCI receptacles with a standard in-use cover
- GFI LPIUC 15 Amp duplex GFCI receptacles with a low-profile in-use cover
- GFI IB 15 Amp duplex GFCI receptacle installed in pole base, includes mouse hole on access door for wire access
- GFB Remote Ground Fault Breaker installed in pole base (for use with NON-GFCI receptacles)
- FH Cast Aluminum flag holder mount, for use with 1" diameter flag pole
- SBA Single Banner Arm, "PM" style mount
- DBA Double Banner Arms, "PM" style mount
- SBAR Single Banner Arm and Ring, for triangle banners, "PM" style mount
- HSBA Single Banner Arm, HUB mount style mount
- HDBA Double Banner Arms, HUB mount style mount
- BDBA6 Double Banner Arms, Break-Away style, to break with 60MPH wind gust
- BDBA9 Double Banner Arms, Break-Away style, to break with 90MPH wind gust
- C4SBA Single Banner Arm, Clamp-Style mount, for 4" diameter poles
- C5SBA Single Banner Arm, Clamp-Style mount, for 5" diameter poles
- C4DBA Double Banner Arms at 180°, Clamp-Style mount, for 4" diameter poles
- C5DBA Double Banner Arms at 180°, Clamp-Style mount, for 5" diameter poles
- DHPA Double Hooked Planter Arm
- SHPA Single Hooked Planter Arm
- DSPA Double Stepped Planter Arm
- SSPA Single Stepped Planter Arm
- PA478 Cast aluminum decorative planter arm
- SA78 Small cast aluminum decorative sign arm, with 24" long channel for blade sign by others

- SA478 Large cast aluminum decorative sign arm, with 24" long channel for blade sign by others
- SABA Banner arm style sign arm, with 24" long channel for blade sign by others
- SH Female threaded speaker hub, advise thread size
- SB Sign Bracket, vertically mounted on pole shaft
- WHK Steel wreath hook

#### Finish (Click here to view paint finish sheet)

##### Standard Finishes<sup>5</sup>

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

<sup>5</sup>Smooth finishes are available upon request.

##### Custom Finishes<sup>6</sup>

- CM Custom Match
- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

<sup>6</sup>Custom colors require upcharge.

##### Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

## Specifications

### Construction

The one piece base is made of heavy wall 356 alloy cast aluminum with a 1" thick floor cast as an integral part of the base. The high tensile

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aluminum shaft shall be double circumferentially welded internally and externally to the base for added strength.

### Shaft

The **straight smooth shaft** shall be made of ASTM 6063 extruded aluminum and tempered to a T6 condition

The **tapered smooth shaft** shall be made of ASTM 6063 extruded aluminum and tempered to a T6 condition

The **straight fluted shaft** will have a 12 flat flute profile and be made of ASTM 6061 extruded aluminum and tempered to a T6 condition

The **tapered fluted shaft** will have a 16 flat flute profile and be made of heavy wall 356 alloy cast aluminum.

### Installation

Four 5/8" diameter, hot-dipped galvanized "L" type anchor bolts shall be provided with the post for anchorage, they shall be mounted in a

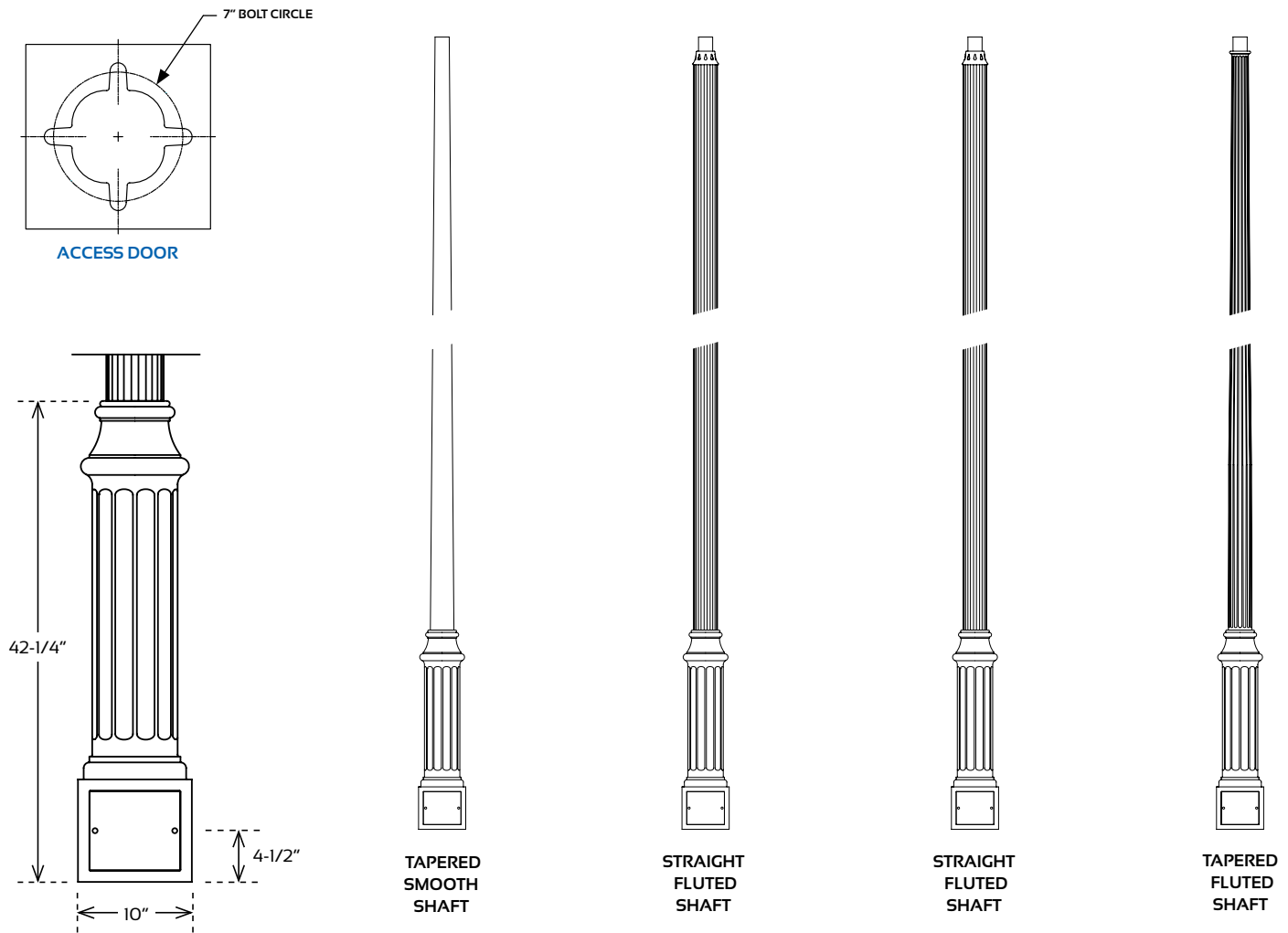
7" bolt circle. A door shall be provided for wiring and anchor bolt access. It shall be secured with stainless steel hardware. Post will be provided with a grounding stud mounted on the base floor opposite the access door.

### Warranty

Five-year limited warranty. See product and finish warranty guide for details.

### Finish

Refer to website for details.



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## EPA Chart - AASHTO 2009

| POLE HEIGHT  | 90 MPH | 100 MPH | 110 MPH | 120 MPH | 130 MPH | 140 MPH | 150 MPH |
|--|--------|---------|---------|---------|---------|---------|---------|
| T5 - 5"-3" Smooth Tapered Shaft - 0.125" Wall Thickness  |        |         |         |         |         |         |         |
| 8  | 20.34  | 16.36   | 13.49   | 11.30   | 9.61    | 8.26    | 7.18    |
| 10   | 13.47  | 10.75   | 8.83    | 7.38    | 6.25    | 5.36    | 4.65    |
| 12   | 9.72   | 7.66    | 6.26    | 5.20    | 4.39    | 3.75    | 3.23    |
| 14   | 7.29   | 5.64    | 4.57    | 3.77    | 3.16    | 2.68    | 2.30    |
| T5 - 5"-3" Smooth Tapered Shaft - 0.188" Wall Thickness  |        |         |         |         |         |         |         |
| 12   | 14.71  | 11.70   | 9.59    | 8.01    | 6.78    | 5.81    | 5.03    |
| 14   | 11.32  | 8.90    | 7.27    | 6.04    | 5.09    | 4.34    | 3.74    |
| 16   | 8.92   | 6.91    | 5.60    | 4.63    | 3.88    | 3.29    | 2.82    |
| 18   | 6.98   | 5.29    | 4.24    | 3.47    | 2.88    | 2.42    | 2.06    |
| T5 - 5"-3" Smooth Tapered Shaft - 0.25" Wall Thickness   |        |         |         |         |         |         |         |
| 14   | 14.97  | 11.86   | 9.71    | 8.09    | 6.84    | 5.85    | 5.06    |
| 16   | 11.98  | 9.39    | 7.65    | 6.35    | 5.35    | 4.55    | 3.92    |
| 18   | 9.58   | 7.39    | 5.98    | 4.93    | 4.13    | 3.50    | 2.99    |
| 20   | 7.60   | 5.74    | 4.60    | 3.76    | 3.12    | 2.62    | 2.22    |
| T54 - 5"-4" Smooth Tapered Shaft - 0.125" Wall Thickness |        |         |         |         |         |         |         |
| 8  | 20.26  | 16.27   | 13.40   | 11.23   | 9.54    | 8.20    | 7.12    |
| 10   | 13.34  | 10.60   | 8.69    | 7.26    | 6.14    | 5.26    | 4.55    |
| 12   | 9.53   | 7.46    | 6.08    | 5.04    | 4.24    | 3.61    | 3.11    |
| 14   | 7.05   | 5.39    | 4.34    | 3.57    | 2.98    | 2.51    | 2.14    |
| T54 - 5"-4" Smooth Tapered Shaft - 0.188" Wall Thickness |        |         |         |         |         |         |         |
| 12   | 14.52  | 11.50   | 9.41    | 7.85    | 6.63    | 5.67    | 4.90    |
| 14   | 11.08  | 8.65    | 7.04    | 5.83    | 4.91    | 4.17    | 3.59    |
| 16   | 8.63   | 6.61    | 5.33    | 4.38    | 3.65    | 3.08    | 2.63    |
| 18   | 6.64   | 4.93    | 3.92    | 3.18    | 2.62    | 2.18    | 1.84    |
| T54 - 5"-4" Smooth Tapered Shaft - 0.25" Wall Thickness  |        |         |         |         |         |         |         |
| 14   | 14.76  | 11.64   | 9.50    | 7.91    | 6.67    | 5.70    | 4.91    |
| 16   | 11.72  | 9.11    | 7.40    | 6.12    | 5.14    | 4.36    | 3.74    |
| 18   | 9.27   | 7.06    | 5.68    | 4.66    | 3.88    | 3.27    | 2.78    |
| 20   | 7.24   | 5.36    | 4.25    | 3.45    | 2.83    | 2.36    | 1.98    |
| FP5 5" Straight Fluted Pole - 0.188" Wall Thickness      |        |         |         |         |         |         |         |
| 8  | 50.76  | 40.94   | 33.78   | 28.34   | 24.12   | 20.77   | 18.07   |
| 10   | 34.20  | 27.47   | 22.62   | 18.95   | 16.10   | 13.84   | 12.02   |
| 12   | 25.31  | 20.20   | 16.58   | 13.86   | 11.75   | 10.08   | 8.73    |
| 14   | 19.67  | 15.55   | 12.72   | 10.60   | 8.95    | 7.65    | 6.61    |
| 16   | 15.70  | 12.27   | 9.98    | 8.28    | 6.96    | 5.92    | 5.09    |
| FP5 5" Straight Fluted Pole - 0.25" Wall Thickness       |        |         |         |         |         |         |         |
| 12   | 32.95  | 26.39   | 21.70   | 18.16   | 15.41   | 13.23   | 11.48   |
| 14   | 25.84  | 20.55   | 16.85   | 14.07   | 11.91   | 10.20   | 8.83    |
| 16   | 20.87  | 16.46   | 13.44   | 11.18   | 9.44    | 8.06    | 6.95    |
| 18   | 16.89  | 13.16   | 10.69   | 8.85    | 7.44    | 6.32    | 5.43    |
| 20   | 13.64  | 10.45   | 8.43    | 6.93    | 5.79    | 4.89    | 4.17    |
| P5 5" Straight Smooth Shaft - 0.125" Wall Thickness      |        |         |         |         |         |         |         |
| 8  | 34.69  | 27.93   | 23.04   | 19.31   | 16.42   | 14.13   | 12.29   |
| 10   | 23.15  | 18.52   | 15.22   | 12.74   | 10.80   | 9.27    | 8.04    |
| 12   | 16.89  | 13.38   | 10.95   | 9.12    | 7.71    | 6.60    | 5.70    |
| 14   | 12.87  | 10.05   | 8.17    | 6.77    | 5.69    | 4.84    | 4.16    |
| P5 5" Straight Smooth Shaft - 0.188" Wall Thickness      |        |         |         |         |         |         |         |
| 12   | 25.31  | 20.20   | 16.58   | 13.86   | 11.75   | 10.08   | 8.73    |
| 14   | 19.67  | 15.55   | 12.72   | 10.60   | 8.95    | 7.65    | 6.61    |
| 16   | 15.70  | 12.27   | 9.98    | 8.28    | 6.96    | 5.92    | 5.09    |
| 18   | 12.51  | 9.61    | 7.76    | 6.39    | 5.34    | 4.51    | 3.85    |
| P5 5" Straight Smooth Shaft - 0.25" Wall Thickness       |        |         |         |         |         |         |         |
| 14   | 25.84  | 20.55   | 16.85   | 14.07   | 11.91   | 10.20   | 8.83    |
| 16   | 20.87  | 16.46   | 13.44   | 11.18   | 9.44    | 8.06    | 6.95    |
| 18   | 16.89  | 13.16   | 10.69   | 8.85    | 7.44    | 6.32    | 5.43    |
| 20   | 13.64  | 10.45   | 8.43    | 6.93    | 5.79    | 4.89    | 4.17    |

\* Consult factory for other heights.  
 \*\* All EPA values expressed in square feet.



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