

## ARP ALUMINUM ROUND TAPERED DECORATIVE

| Catalog #   |  | Type |
|-------------|--|------|
| Project     |  |      |
| Comments    |  | Date |
| Prepared by |  |      |

### FEATURES

- Tapered aluminum shaft spun from seamless 6063 alloy aluminum
- T6 four-bolt anchorage configuration provided
- Anchor bolt per ASTM F1554 Grade 55 with (2) hex nuts, (2) flat washers
- Cast 356 alloy aluminum base with access door
- 10' - 22' mounting heights
- Tenon mount only

### DESIGN CONSIDERATIONS

Wind induced vibrations resulting from steady, unidirectional winds and other aerodynamic forces, as well as vibration and coefficient of height factors for non-grounded mounted installations (e.g., installations on bridges or buildings) are not included in this document. The information contained herein is for general guidance only and is not a replacement for professional judgement. Consult with a professional, and local and federal standards, before ordering to ensure product is appropriate for the intended purpose and installation location. Also, please review Cooper Lighting Solutions' Light Pole White Paper for risk factors and design considerations. [Learn more.](#)

Specifications and dimensions subject to change without notice. Consult your lighting representative at Cooper Lighting Solutions or visit [www.cooperlighting.com](http://www.cooperlighting.com) for available options, accessories and ordering information.

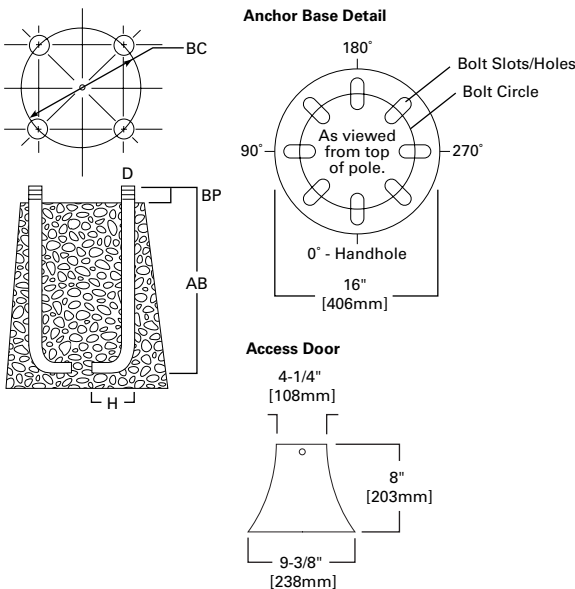
### ORDERING INFORMATION

**SAMPLE NUMBER:** ARP5L310ABZ2

| Product Family                        | Shaft Size (Inches) <sup>1</sup> | Wall Thickness (Inches) | Pole Top Diameter (Inches)  | Mounting Height (Feet)   | Base Type                      | Finish  | Mounting Type  | Number and Location of Arms | Options (Add as Suffix)  |
|---------------------------------------|----------------------------------|-------------------------|---|--|--------------------------------|---|--|-----------------------------|--|
| ARP=Aluminum Round Tapered Decorative | 5=5"                             | L=0.156"<br>M=0.188"    | 3=3" O.D. <sup>4</sup><br>4=4-1/2" O.D.<br>6=4" O.D. <sup>5</sup> | 10=10'<br>12=12'<br>14=14'<br>16=16'<br>18=18' <sup>2</sup><br>22=22' <sup>2</sup> | A=Aluminum (Round 4-Bolt Pole) | AP=Grey<br>BA=Anodized Bronze<br>BK=Black<br>BZ=Bronze<br>CA=Anodized Clear<br>DA=Anodized Black<br>DP=Dark Platinum<br>GM=Graphite Metallic<br>GN=Hartford Green<br>WH=White | 2=2-3/8" O.D. Tenon (4" Long)<br>5=3" O.D. Tenon (4" Long) | X=None                      | C=Convenience Outlet <sup>3</sup><br>E=GFCI Convenience Outlet <sup>3</sup><br>G=Ground Lug<br>V=Vibration Dampener <sup>2</sup> |

**NOTES** 1. All shaft sizes nominal. 2. Vibration damper recommended over 18 feet add suffix "V" to catalog number. 3. Specify outlet location. Receptacle not included, provision only. 4. Provides 3" O.D. pole top suited for Arbor Post Top. 5. Provides 4" OD pole top suited for LuxeScape post tops.

### ANCHORAGE DATA



| Pole                                 | Anchor Bolt and Template Package | Shaft Diameter (inches) | Bolt Circle (inches) | Number of Bolts | Bolt Size (inches) | Template Only |
|--------------------------------------|----------------------------------|-------------------------|----------------------|-----------------|--------------------|---------------|
| Aluminum Round Decorative Pole (ARP) | 317AVE30                         | 4 x 5                   | 9                    | 4               | 3/4 x 17           | 407040D       |

## Effective Projected Area (18" Above Pole Top)

| Mounting Height (Feet) | Catalog Number | Wall Thickness (Inches) | Bolt Circle Diameter (Inches) | Anchor Bolt Projection (Inches) | Shaft Taper (Inches) | Anchor Bolt Diameter x Length x Hook (Inches) | Net Weight (Pounds) | Maximum Effective Projected Area (Square Feet) (1.3 gust factor) |        |         | Max. Load (Pounds) |
|------------------------|----------------|-------------------------|-------------------------------|---------------------------------|----------------------|---|---------------------|--|--------|---------|--------------------|
| MH                     |                |                         | BC                            | BP                              | B                    | AB <sup>1</sup>                               |                     | 80 mph   | 90 mph | 100 mph |                    |
| 10                     | ARP5L310A      | 0.156                   | 9.0                           | 3.5                             | 5 x 3                | 3/4 x 17 x 3                                  | 57                  | 19.6   | 15.3   | 12.3    | 120                |
| 12                     | ARP5L312A      | 0.156                   | 9.0                           | 3.5                             | 5 x 3                | 3/4 x 17 x 3                                  | 62                  | 16.1   | 12.5   | 9.9     | 120                |
| 14                     | ARP5L314A      | 0.156                   | 9.0                           | 3.5                             | 5 x 3                | 3/4 x 17 x 3                                  | 67                  | 13.2   | 10.1   | 8.0     | 120                |
| 16                     | ARP5L316A      | 0.156                   | 9.0                           | 3.5                             | 5 x 3                | 3/4 x 17 x 3                                  | 72                  | 10.6   | 8.0    | 6.2     | 120                |
| 18                     | ARP5L318A      | 0.156                   | 9.0                           | 3.5                             | 5 x 3                | 3/4 x 17 x 3                                  | 77                  | 8.5  | 6.4    | 4.8     | 120                |
| 18                     | ARP5M418A      | 0.188                   | 9.0                           | 3.5                             | 5 x 4.5              | 3/4 x 17 x 3                                  | 83                  | 10.1   | 7.7    | 6.1     | 150                |
| 22                     | ARP5M422A      | 0.188                   | 9.0                           | 3.5                             | 5 x 4.5              | 3/4 x 17 x 3                                  | 88                  | 6.4  | 4.6    | 3.6     | 150                |