

# 35A8RT156

## 35 Foot Round Tapered Aluminum Light Pole, 8 Inch Diameter, 0.156 Inch Wall Thickness

### PRODUCT DESCRIPTION

**Pole Top Options:** Poles are provided with either a removable top cap or a welded aluminum tenon. A 2-3/8 inch outside diameter tenon, 4 inches in length is the most common; however, other tenon sizes are available. Customers should confirm the appropriate tenon size required by their project prior to ordering. Poles with a top cap can also be drilled during fabrication. The drill pattern and orientation need to be provided by the customer unless Energy Light fixtures are being used for the project.

**Pole Shaft:** The pole shaft is constructed of seamless extruded tube of 6063 aluminum alloy per the requirements of ASTM B221. The shaft assembly is full-length heat treated after base weld to produce a T6 temper.

**Handhole:** A reinforced handhole with grounding provision is provided at 18 inches from the base end of the pole assembly. Each handhole includes a cover and the attachment hardware.

**Base & Bolt Covers:** A 4-bolt cast aluminum base flange of alloy 356-T6 with aluminum bolt covers and stainless steel hex head attaching screws.

**Anchor Bolts:** A set of 4 galvanized steel anchor bolts is provided with each pole assembly. Each bolt includes 2 nuts and 2 washers. A portion of the anchor bolt is threaded for securing and leveling the pole with the provided nuts and washers. An actual size paper anchor bolt template is provided.

**Color and Finish Options:** The standard finish for our round aluminum light poles is a natural aluminum finish. Our poles are also available with a commercial grade, powder coat finish for an additional charge. Standard color options include dark bronze, black, gray, green, and white; however, custom color options are also available.

**Other Options:** The following options are available: Vibration dampener, custom tenon sizes, custom colors, electric/GFI outlets, custom pole heights, additional handholes and custom base plate dimensions. Please consult one of our light pole experts for details.

| Specification Table     |   |            |
|-------------------------|---|------------|
| Mounting Height (ft.)   | A | 35         |
| Wall Thickness (in.)    | B | 0.156      |
| Top Diameter (in.)      | C | 4.5        |
| Butt Diameter (in.)     | D | 8          |
| Handhole (in.)          | E | 4 x 6      |
| Base Width (in.)        | F | 11.25      |
| Bolt Circle (in.)       | G | 11.5       |
| Bolt Projection (in.)   | H | 2.75       |
| Anchor Bolt Size (in.)  | I | 1 x 36 x 4 |
| Bolt Circle Range (in.) | - | 11-12      |

| Maximum EPA with 1.3 Gust Factor: |     |             |
|-----------------------------------|-----|-------------|
| 90 mph:                           | 8.6 | Square Feet |
| 100 mph:                          | 6.0 | Square Feet |
| 120 mph:                          | 4.0 | Square Feet |
| 130 mph:                          | 3.0 | Square Feet |

