

# 20A7RT188DB

## Round Tapered Direct Burial Aluminum Light Pole, 20 Foot Above Grade, 7 Inch Diameter, 0.188 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 with 4 inches in length is the most common; however, other tenon options 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 will be constructed of seamless extruded tube of 6063 aluminum alloy per the requirements of ASTM B221. The shaft assembly shall be full-length heat treated 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.

**Color and Finish Options:** The standard finish for our 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. Please consult one of our light pole experts for details: Custom tenon size, custom color, electric/GFI outlet, custom pole height and additional handholes. Anti-Rotational Modification is also an option. Poles will be partially flattened into an anti-rotational, oval cross section, for added stability.

| Specification Table   |   |       |
|-----------------------|---|-------|
| Mounting Height (ft.) | A | 20    |
| Top Diameter (in.)    | B | 4.5   |
| Butt Diameter (in.)   | C | 7     |
| Wall Thickness (in.)  | D | 0.188 |
| Handhole (in.)        | E | 4 x 6 |
| Embedment (ft.)       | F | 5     |

| Maximum EPA with 1.3 Gust Factor: |      |             |
|-----------------------------------|------|-------------|
| 90 mph:                           | 29.4 | Square Feet |
| 100 mph:                          | 23.2 | Square Feet |
| 120 mph:                          | 17.8 | Square Feet |
| 130 mph:                          | 15.0 | Square Feet |

