

# 18A7RT156

## 18 Foot Round Tapered Aluminum Light Pole, 7 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	18
Wall Thickness (in.)	B	0.156
Top Diameter (in.)	C	4.5
Butt Diameter (in.)	D	7
Handhole (in.)	E	4 x 6
Base Width (in.)	F	10.5
Bolt Circle (in.)	G	10.5
Bolt Projection (in.)	H	2.75
Anchor Bolt Size (in.)	I	1 x 36 x 4
Bolt Circle Range (in.)	-	10-11

Maximum EPA with 1.3 Gust Factor:		
90 mph:	24.0	Square Feet
100 mph:	18.8	Square Feet
120 mph:	14.4	Square Feet
130 mph:	12.0	Square Feet

