

20A6SS188

## 20 Foot Square Straight Aluminum Light Pole, 6 Inch Wide, 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 our fixtures are being used for the project.
- Material:** Our square aluminum poles are constructed from seamless extruded aluminum alloy and meet ASTM B221 requirements. Our aluminum light poles are designed per American Association of State Highway & Transportation Officials (AASHTO) standards and meet all applicable material ASTM standards. All welders are American Welding Society (AWS) certified.
- Handhole:** The handhole is located 18 inches above ground. A handhole cover and two (2) stainless steel self-tapping attaching screws are included. A grounding provision incorporating a tapped 1/4 inch-20NC is provided opposite the handhole.
- Anchor Bolts:** This light pole includes four (4) L-shaped, fully galvanized anchor bolts conforming to AASHTO M314-90 meeting Grade 55 standards. Galvanized hardware consisting of four (4) hex nuts, four (4) lock washers and four (4) flat washers as well as one (1) paper anchor bolt template are included. For your convenience, anchor bolts can be pre-shipped for a nominal surcharge.
- Base:** A base flange of alloy 356-T6 with snap-in bolt covers



| Specification Table            |          |            |
|--------------------------------|----------|------------|
| Mounting Height (ft.)          | <b>A</b> | 20         |
| Wall Thickness (in.)           | <b>B</b> | 0.188      |
| Top Square (in.)               | <b>C</b> | 6          |
| Bottom Square (in.)            | <b>D</b> | 6          |
| Base Square (in.)              | <b>E</b> | 12.75      |
| Bolt Circle (in.)              | <b>F</b> | 12.5       |
| Bolt Projection (in.)          | <b>G</b> | 2.25       |
| Base Thickness (in.)           | <b>H</b> | 2          |
| Anchor Bolt Size (in.)         | <b>I</b> | 1 x 36 x 4 |
| Bolt Circle Range (in.)        | -        | 12-13      |
| Maximum Luminary Weight (lbs.) | -        | 100        |

| Maximum EPA with 1.3 Gust Factor: |      |             |
|-----------------------------------|------|-------------|
| 90 mph:                           | 24.8 | Square Feet |
| 100 mph:                          | 18.8 | Square Feet |
| 110 mph:                          | 17.0 | Square Feet |

