

# 20FRTHAB

## 20 Foot Round Tapered Anchor Base Fiberglass Light Pole, Heavy Duty

### PRODUCT DESCRIPTION

**Pole Top Options:** Poles are provided with either a removable top cap or a welded steel tenon. A 2-3/8 inch outside diameter tenon, 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:** Our commercial grade fiberglass poles are constructed of thermoset polyester resin containing type "E" fiberglass. The surface of the shaft is smooth and consists of a saturated polyester surfacing veil of 18-20 mils minimum thickness and a 10 mil resin layer. The resin is unsaturated polyester containing UV inhibitor and pigment throughout. 1.5 mil of urethane coating is applied to the surface of the pole shaft. The surfacing veil and structural fibers are saturated in a singular process with the same resin, ensuring molecular bonding between structural layers and the protective layer.

**Handhole:** A 2.5 x 5 inch handhole is provided at 26.5 inches from the ground. A cover with a single screw to secure the latch mechanism is also provided.

**Base Cover:** A 2 piece fiberglass base cover is included.

**Color Options:** Dark bronze, gray, white and black colors are provided at no extra charge. Custom color options are available at a surcharge.

**Other Options:** The following options are available; custom colors and custom pole heights. Please consult one of our light pole experts for details.

| SPECIFICATION TABLE   |   |               |                       |   |               |
|-----------------------|---|---------------|-----------------------|---|---------------|
| Side Mount            |   |               | Top Mount             |   |               |
| Mounting Height (ft.) | A | 20            | Mounting Height (ft.) | A | 20            |
| Top Diameter (in.)    | B | 4.41          | Top Diameter (in.)    | B | 4.41          |
| Butt Diameter (in.)   | C | 8.68          | Butt Diameter (in.)   | C | 8.68          |
| Bolt Circle (in.)     | D | 11.875        | Bolt Circle (in.)     | D | 11.875        |
| Anchor Bolts (in.)    | E | 0.75 x 30 x 4 | Anchor Bolt (in.)     | E | 0.75 x 30 x 4 |

| MAXIMUM EPA WITH 1.3 GUST FACTOR |     |             |           |      |             |
|----------------------------------|-----|-------------|-----------|------|-------------|
| Side Mount                       |     |             | Top Mount |      |             |
| 80 mph:                          | 8.3 | Square Feet | 80 mph:   | 8.65 | Square Feet |
| 100 mph:                         | 5.2 | Square Feet | 100 mph:  | 6.0  | Square Feet |
| 120 mph:                         | 5.2 | Square Feet | 120 mph:  | 6.0  | Square Feet |

