



FEATURES & SPECIFICATIONS

INTENDED USE — Square straight fiberglass general purpose pole for up to 30ft mounting heights. This pole is naturally corrosion resistant and is the lightest weight option among pole materials enabling easy install.

CONSTRUCTION —

Pole Shaft: Reinforced composite shaft incorporating "E" type fiberglass and pigmented, UV inhibiting, thermosetting polyester resin. Shaft is formed by pultrusion process with fiberglass strands traversing the length of the pole.

Pole Top: Removable top cap provided with all drill-mount and plain top poles. Tonon tops include extra handhole.

Handhole: Standard 2-1/2" x 5" hand hole opening with non-metallic oval shaped covers secured with vandal-resistant stainless steel 1/4" socket head screws.

Base Cover: Includes full-base cover finished to match pole.

Anchor Base/Bolts: Heavy-duty metal base plate is permanently bonded to the outside of the fiberglass shaft. Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi. Each anchor bolt is furnished with two hex nuts and two flat washers.

HARDWARE — Fasteners are high-strength galvanized, zinc-plated or stainless steel.

FINISH — Extra durable standard powder-coat finishes include Dark Bronze, White, Black, Medium Bronze and Natural Aluminum colors. Classic finishes include Sandstone, Charcoal Gray, Tennis Green, Bright Red and Steel Blue colors. Architectural Colors are available by quote and include, but are not limited to RAL Colors, Custom Colors and Extended Warranty Finishes. Factory-applied primer paint finish is available for customer field-paint applications.

WARRANTY — 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

| |
|----------------|
| Catalog Number |
| Notes |
| Type |

Anchor Base Poles

SSF

SQUARE STRAIGHT FIBERGLASS



SSF Square Straight Fiberglass Poles

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. Example: SSF 30 5X DM19 DNAXD

| SSF | | | | | |
|--------|---|---|---|--|--|
| Series | Nominal fixture mounting height | Nominal shaft base size/wall thickness | Mounting ¹ | Options | Finish ⁸ |
| SSF | 6' - 30' (for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.) (See technical information table for complete ordering information.) | 4X 4" shaft 5X 5" shaft 5XHD 5" shaft (See technical information table for complete ordering information.) | <u>Tenon mounting²</u> PT Open top (post-top only) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) <u>Drill mounting</u> DM19 1 at 90° DM28 2 at 180° DM28PL 2 at 180° with one side plugged DM29 2 at 90° DM32 3 at 120° DM39 3 at 90° DM49 4 at 90° <u>AERIS™/OMERO™ Drill mounting</u> DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM32AS 3 at 120° DM39AS 3 at 90° DM49AS 4 at 90° <u>AERIS™ Suspend drill mounting³</u> DM19AST_ 1 at 90° DM28AST_ 2 at 180° DM29AST_ 2 at 90° DM39AST_ 3 at 90° DM49AST_ 4 at 90° <u>OMERO™ Suspend drill mounting³</u> DM19MRT_ 1 at 90° DM28MRT_ 2 at 180° DM29MRT_ 2 at 90° DM39MRT_ 3 at 90° DM49MRT_ 4 at 90° | <u>Shipped installed</u> HAxy Horizontal arm bracket (1 fixture) ^{4,5} FDLxy Festoon outlet less electrical ^{4,6} CPL12/xy 1/2" coupling ⁴ CPL34/xy 3/4" coupling ⁴ CPL1/xy 1" coupling ⁴ NPL12/xy 1/2" threaded nipple ⁴ NPL34/xy 3/4" threaded nipple ⁴ EHHxy Extra handhole ^{4,7} L/AB Less anchor bolts (Include when anchor bolts are not needed) TP Tamper resistant handhole cover fasteners NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled) UL UL listed with label (Includes NEC compliant cover) | <u>Super Durable Paint Colors</u> DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DGCXD Charcoal gray DTGXD Tennis green DBRXD Bright red DSBXD Steel blue DDBTXD Textured dark bronze DBLBXD Textured dark DNATXD Textured natural aluminum DWHGXD Textured white <u>Architectural Colors</u> RAL Colors, Custom Colors and Extended Warranty Finishes available |

- NOTES:
1. Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.
2. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
3. Insert "1" or "2" to designated fixture size; e.g. DM19AST2.
4. Specify location and orientation when ordering option.
For "x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".
Example: 5ft = 5 and 20ft 3in = 20-3
For "y": Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below.
Example: 1/2" coupling at 5' 8", orientation C = CPL12/5-8C.
5. Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAxyy. Example: HA20BD.
6. FDL does not come with GFCI outlet or handhole cover. These must be supplied by contractor or electrician.
7. Combination of tenon-top and drill mount includes extra handhole. EHH includes cover.
8. Finish must be specified. Additional colors available; see Architectural Colors brochure linked [here](#) (Form No. 794.3).

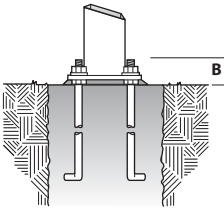
SSF Square Straight Fiberglass Poles

| TECHNICAL INFORMATION — EPA (ft²) with 1.3 gust | | | | | | | | | |
|---|-----------------------------|--|--------|--------|---------|-------------|------------------|-----------------------------|--------------------------------|
| Catalog Number | Nominal Shaft Length (ft.)* | Pole Shaft Size (Base in. x Top in. x ft.) | 80 MPH | 90 MPH | 100 MPH | Max. weight | Bolt circle (in) | Bolt size (in. x in. x in.) | Approximate ship weight (lbs.) |
| SSF 6 4X | 6 | 4 x 4 x 6 | 20.0 | 20.0 | 20.0 | 150 | 8 | 5/8 x 21 x 3 | 18 |
| SSF 8 4X | 8 | 4 x 4 x 8 | 20.0 | 20.0 | 20.0 | 150 | 8 | 5/8 x 21 x 3 | 23 |
| SSF 10 4X | 10 | 4 x 4 x 10 | 20.0 | 20.0 | 16.1 | 150 | 8 | 5/8 x 21 x 3 | 27 |
| SSF 12 4X | 12 | 4 x 4 x 12 | 20.0 | 16.4 | 12.8 | 150 | 8 | 5/8 x 21 x 3 | 31 |
| SSF 14 4X | 14 | 4 x 4 x 14 | 14.2 | 10.7 | 8.2 | 150 | 8 | 5/8 x 21 x 3 | 35 |
| SSF 16 4X | 16 | 4 x 4 x 16 | 11.9 | 8.8 | 6.5 | 150 | 8 | 5/8 x 21 x 3 | 39 |
| SSF 20 4X | 20 | 4 x 4 x 20 | 8.3 | 5.8 | 4.0 | 150 | 8 | 5/8 x 21 x 3 | 47 |
| SSF 20 5X | 20 | 5 x 5 x 20 | 14.9 | 11.1 | 8.4 | 300 | 11 | 1 x 36 x 4 | 102 |
| SSF 25 5X | 25 | 4 x 4 x 25 | 5.0 | 3.0 | 1.5 | 150 | 8 | 5/8 x 21 x 3 | 57 |
| SSF 25 5X | 25 | 5 x 5 x 25 | 10.6 | 7.6 | 5.4 | 300 | 11 | 1 x 36 x 4 | 125 |
| SSF 30 5X | 30 | 5 x 5 x 30 | 5.7 | 3.4 | 1.7 | 300 | 11 | 1 x 36 x 4 | 148 |
| SSF 30 5XHD | 30 | 5 x 5 x 30 | 8.6 | 5.1 | 2.6 | 300 | 11 | 1 x 36 x 4 | 164 |

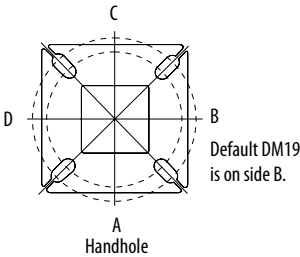
NOTE: EPA values are based ASCE 7-93 wind map.
*For 1/2 ft increments, add -.6 to the pole height. Ex: 20-.6 equals 19.4 ft.

| POLE DATA | | | | | |
|-----------------|---------------|-------------------|---------------|----------------------|-------------------------|
| Shaft base size | Bolt circle A | Bolt projection B | Bolt square C | Template description | Anchor bolt description |
| 4" | 8" | 3" | 7.41" | ABTEMPLATE PJ50123 | AB21-0 |
| 5" | 11" | 4" | 11.125" | ABTEMPLATE PJ50124 | AB36-0 |

BASE DETAIL

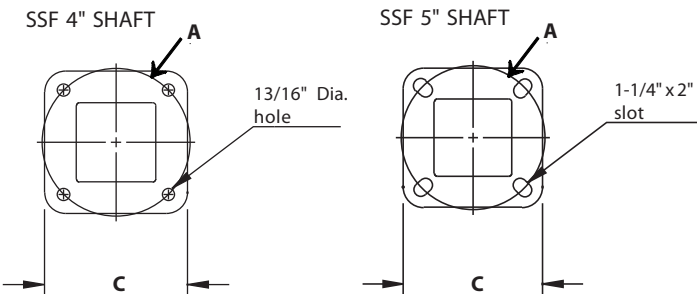


HANDHOLE ORIENTATION



IMPORTANT INSTALLATION NOTES:

- Do not erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.
- Bolt circles have +/- 1/2" tolerance.



CAUTION: These specifications are intended for general purposes only. Lithonia Lighting reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.