



Square Straight Steel Pole

SSS

PROJECT INFORMATION

| | |
|----------------|----------------------------|
| JOB NAME | |
| FIXTURE TYPE | Square Straight Steel Pole |
| CATALOG NUMBER | |
| APPROVED BY | |

SPECIFICATIONS

Pole Shaft:

Straight poles are 4" or 5" square. Pole shaft is electro-welded ASTM-A500 Grade C steel tubing with a minimum yield strength of 50,000 psi. On Tenon Mount steel poles, tenon is 2-3/8" O.D. high strength pipe. Tenon is 4-3/4" in length.

Hand-Hole:

Standard hand-hole location is 12" above pole base. Poles 22' and above have a 3" x 6" reinforced hand-hole. Shorter poles have a 2" x 4" non-reinforced hand-hole.

Above Grade Wiring Access:

An optional conduit access coupling is located 12" above ground line opposite side of the hand hole.

Below Grade Wiring Access:

A 2" x 4" oval hole is located 18" below the ground line on side "C" of the pole.

Ground Lug:

Ground lug is standard.

Duplex Receptacle:

Weatherproof duplex receptacle is optional.

Ground Fault Circuit Interrupter:

Self-testing ground fault circuit interrupter is optional

Finishes:

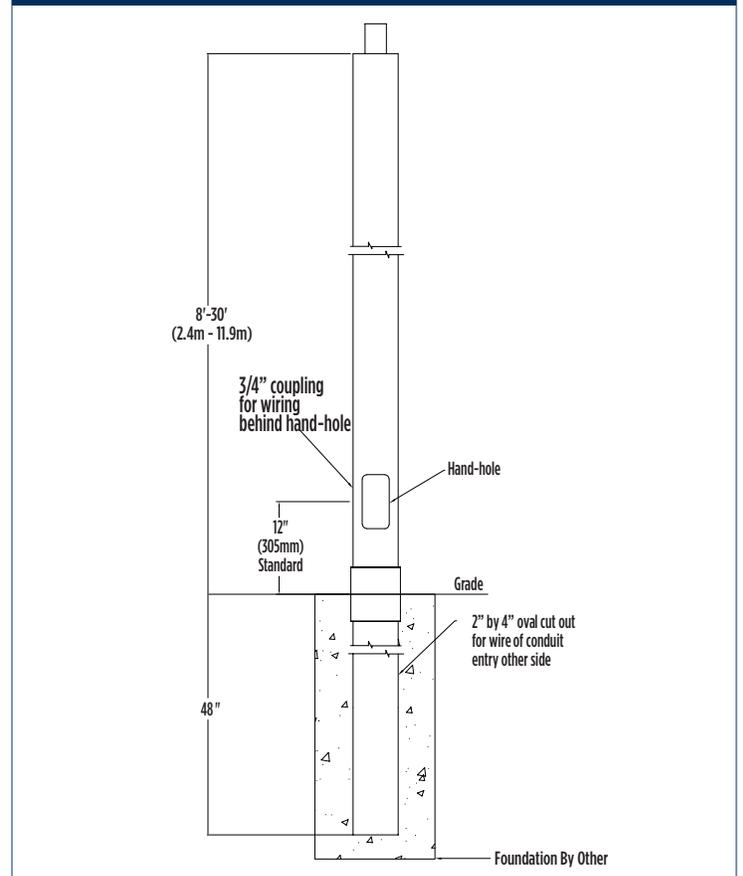
Every pole is provided with the DuraGrip Protection System and a 5-year limited warranty.

Listings:

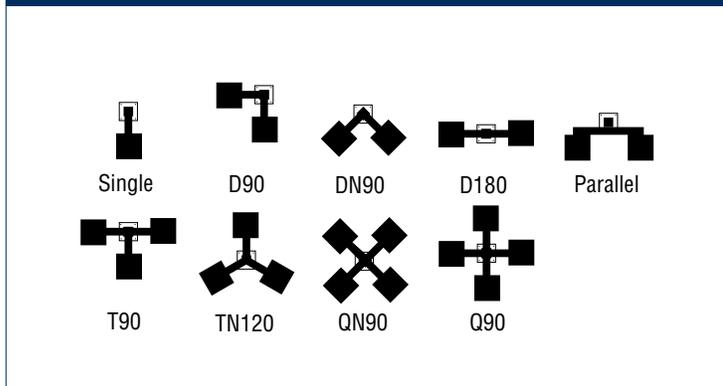
UL Listed
BAA/TAA Compliant



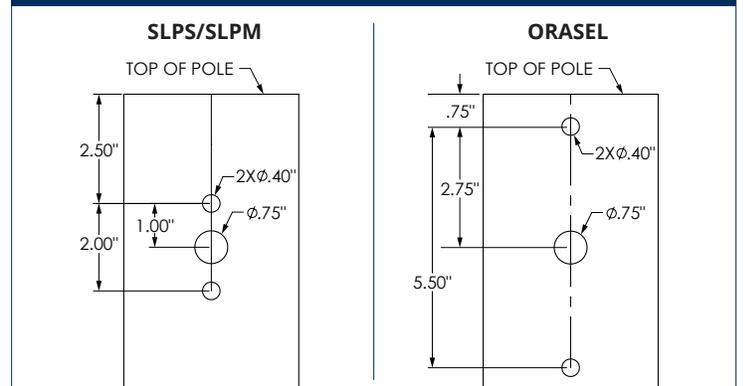
DIMENSIONS



FIXTURE CONFIGURATIONS



BOLT-ON MOUNT 2-BOLT PATTERN





Square Straight Steel Pole

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ORDERING INFORMATION

| S | S | S | 24 | 4 | 11 | | E | BZ | | | |
|------------|--------------|-----------|---|----------------------|-------------------------|----------------------------|--------------|--|-------------------|---------------------------------|--|
| SHAPE | SHAFT | STRUCTURE | HEIGHT (FT) | DIAMETER/WIDTH (IN) | GAUGE | TENON DETAIL | BASE DETAIL | COLOR | DROP SHIP | DRILL PATTERN | DRILL LOCATION |
| S = Square | S = Straight | S = Steel | 14 = 10 ft 16 = 12 ft 18 = 14 ft 20 = 16 ft 22 = 18 ft 24 = 20 ft 26 = 22 ft 28 = 24 ft 30 = 26 ft 34 = 30 ft <i>*Other sizes available</i> | 4 = 4 in 5 = 5 in | 11 = 11 Ga 07 = 7 Ga | T = Welded Blank = None | E = Embedded | BZ = Bronze WT = White SL = Silver BK = Black | DSL B = Drop Ship | Blank = SLPS/SLPM O = ORASEL | 1 = 1 2 = 2 @ 90 3 = 2 @ 180 4 = 3 @ 90 5 = 4 @ 90 |

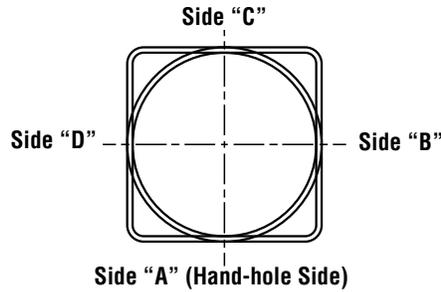
ORDERING INFORMATION

| MOUNTING HEIGHT LENGTH (FT) | CATALOG NUMBER | SHAFT | | | | | MAXIMUM LOADING | | | | | | | | | |
|-----------------------------|----------------|------------------------------|---------------------|----------------|----------------|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | | POLE SHAFT TOTAL LENGTH (FT) | EMBEDDED DEPTH (FT) | BASE O.D. (IN) | WALL THK. (GA) | GROSS WEIGHT (LBS) | 110 MPH | 115 MPH | 120 MPH | 130 MPH | 140 MPH | 150 MPH | 160 MPH | 170 MPH | 180 MPH | |
| | | | | | | | EPA (FT ²) |
| 10 | SSS14411EBZ | 14 | 4 | 4 | 11 | 105 | 18.5 | 16.7 | 15.1 | 12.6 | 10.6 | 8.9 | 7.6 | 6.5 | 5.5 | |
| 12 | SSS16411EBZ | 16 | 4 | 4 | 11 | 120 | 14 | 12.4 | 11.3 | 9.3 | 7.6 | 6.3 | 5.3 | 4.4 | 3.6 | |
| 14 | SSS18411EBZ | 18 | 4 | 4 | 11 | 135 | 10.7 | 9.6 | 8.5 | 6.8 | 5.5 | 4.4 | 3.5 | 2.8 | 2.1 | |
| 16 | SSS20411EBZ | 20 | 4 | 4 | 11 | 150 | 8.2 | 7.3 | 6.4 | 5 | 3.8 | 2.9 | 2.1 | 1.5 | 1 | |
| 18 | SSS22411EBZ | 22 | 4 | 4 | 11 | 165 | 6.3 | 5.4 | 4.7 | 3.4 | 2.4 | 1.6 | 1 | n/a | n/a | |
| 20 | SSS24411EBZ | 24 | 4 | 4 | 11 | 180 | 4.6 | 3.9 | 3.3 | 2.2 | 1.3 | 0.6 | n/a | n/a | n/a | |
| 22 | SSS26411EBZ | 26 | 4 | 4 | 11 | 195 | 9 | 7.9 | 5.8 | 4.2 | 3.8 | 2 | 1.2 | 0.5 | n/a | |
| 14 | SSS18407EBZ | 18 | 4 | 4 | 7 | 180 | 19.4 | 17.4 | 15.7 | 13 | 10.8 | 9 | 7.6 | 6.4 | 5.3 | |
| 16 | SSS20407EBZ | 20 | 4 | 4 | 7 | 200 | 15.6 | 13.9 | 12.5 | 10.2 | 8.3 | 6.8 | 5.6 | 4.5 | 3.7 | |
| 18 | SSS22407EBZ | 22 | 4 | 4 | 7 | 220 | 12.6 | 11.2 | 10 | 8 | 6.3 | 5 | 4 | 3.1 | 2.4 | |
| 20 | SSS24407EBZ | 24 | 4 | 4 | 7 | 240 | 10.3 | 9 | 7.9 | 6.1 | 4.7 | 3.6 | 2.6 | 1.8 | 1.2 | |
| 22 | SSS26407EBZ | 26 | 4 | 4 | 7 | 260 | 15.8 | 14 | 12.5 | 10 | 7.9 | 6.3 | 5 | 3.9 | 3 | |
| 24 | SSS28407EBZ | 28 | 4 | 4 | 7 | 280 | 13.3 | 11.7 | 10.4 | 8.1 | 6.3 | 4.8 | 3.6 | 2.6 | 1.8 | |
| 26 | SSS30407EBZ | 30 | 4 | 4 | 7 | 300 | 11.2 | 9.8 | 8.5 | 6.5 | 4.8 | 3.5 | 2.4 | 1.5 | 0.8 | |
| 14 | SSS18511EBZ | 18 | 4 | 5 | 11 | 162 | 17.4 | 15.7 | 14.1 | 11.5 | 9.4 | 7.7 | 6.3 | 5.2 | 4.2 | |
| 16 | SSS20511EBZ | 20 | 4 | 5 | 11 | 180 | 13.8 | 12.3 | 10.9 | 8.7 | 6.9 | 5.5 | 4.3 | 3.3 | 2.5 | |
| 18 | SSS22511EBZ | 22 | 4 | 5 | 11 | 198 | 10.8 | 9.6 | 8.4 | 6.5 | 4.9 | 3.7 | 2.6 | 1.8 | 1.1 | |
| 20 | SSS24511EBZ | 24 | 4 | 5 | 11 | 216 | 8.5 | 7.3 | 6.3 | 4.6 | 3.2 | 2.1 | 1.2 | 0.5 | n/a | |
| 22 | SSS26511EBZ | 26 | 4 | 5 | 11 | 234 | 13.4 | 11.8 | 10.4 | 8 | 6.1 | 4.6 | 3.3 | 2.3 | 1.5 | |
| 24 | SSS28511EBZ | 28 | 4 | 5 | 11 | 252 | 11 | 9.5 | 8.3 | 6.1 | 4.4 | 3 | 1.9 | 1 | n/a | |
| 26 | SSS30511EBZ | 30 | 4 | 5 | 11 | 270 | 9 | 7.7 | 6.5 | 4.5 | 3 | 1.7 | 0.7 | n/a | n/a | |
| 24 | SSS28507EBZ | 28 | 4 | 5 | 7 | 250 | 21.6 | 19.3 | 17.3 | 14 | 11.3 | 9.2 | 7.4 | 6 | 4.8 | |
| 26 | SSS30507EBZ | 30 | 4 | 5 | 7 | 275 | 26.6 | 23.8 | 21.4 | 17.4 | 14.2 | 11.6 | 9.5 | 7.8 | 6.3 | |
| 28 | SSS32507EBZ | 32 | 4 | 5 | 7 | 300 | 22.9 | 20.4 | 18.2 | 14.6 | 11.6 | 9.4 | 7.5 | 5.9 | 4.6 | |
| 30 | SSS34507EBZ | 34 | 4 | 5 | 7 | 325 | 19.6 | 17.4 | 15.4 | 12.1 | 9.5 | 7.4 | 5.7 | 4.3 | 3.1 | |

Actual performance data can vary depending on operating conditions. Specifications are subject to change without notice.

DRILLING LOCATIONS

| Sides | A | B | C | D |
|--------------------|---|---|---|---|
| Hand-hole | X | | | |
| Single | X | | | |
| D180 | | X | | X |
| D90 | X | | | X |
| DN90 ¹ | | | | |
| T90 | X | X | | X |
| TN120 ² | | | | |
| Q90 | X | X | X | X |
| QN90 ³ | | | | |
| Single FBO | X | | | |
| Double FBO | | X | | X |



NOTES:

- 1 - Two locations will be 45° to the left and right of Side A.
- 2 - Other two locations will be 120° to the left and right of Side A.
- 3 - Two locations will be 45° to the left and right of Side A and two locations will be 135° to the left and right of Side A.

Consult factory for custom variations. Standard SF and DF pole preparations are located 3/4 of the height of the pole from the base, except on 20' poles. Maximum height for SF and DF pole preparations on 20' poles is 13' from the base.

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