



Round Straight Steel Pole

RSS

PROJECT INFORMATION

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

SPECIFICATIONS

Pole Shaft:

Steel round poles are 4" or 5" in diameter. Pole shaft is electro-welded ASTM-A500 Grade C steel tubing with a minimum yield strength of 46,000 psi. On Tenon Mount steel poles, tenon is high strength pipe. Tenon N option is 2-3/8" O.D. x 4-3/4" tall. Tenon 4N option is 4" O.D. x 4-7/8" tall.

Hand-Hole:

Standard hand-hole location is 12" above pole base. Poles 18' and above have a 3" x 6" reinforced hand-hole. Shorter poles have 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.

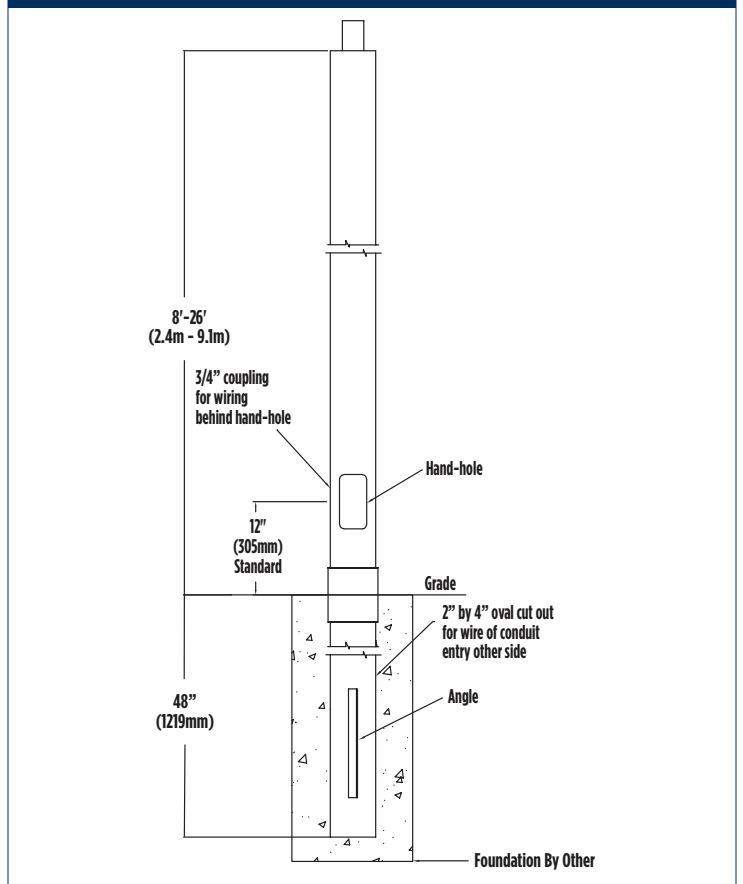
Listings:

UL Listed

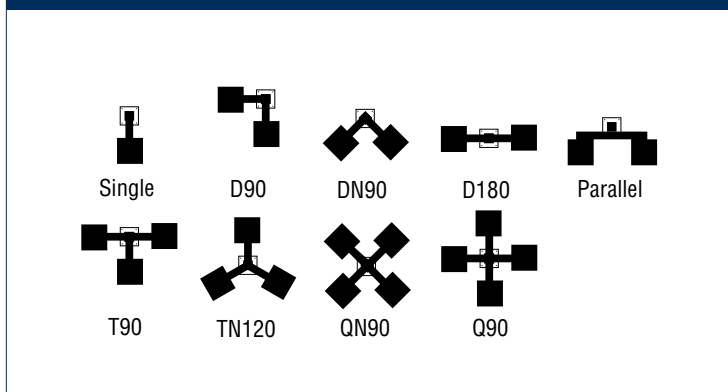
BAA/TAA Compliant



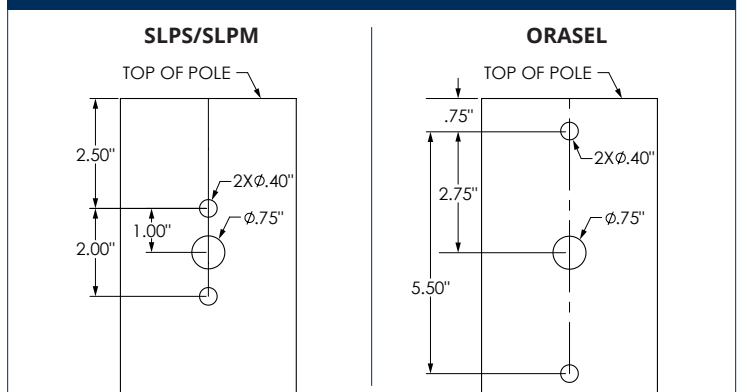
DIMENSIONS



FIXTURE CONFIGURATIONS



BOLT-ON MOUNT 2-BOLT PATTERN



ORDERING INFORMATION

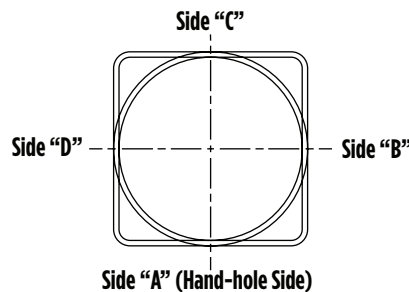
| R | S | S | 20 | 5 | 11 | | E | BZ | DSL | B | DRILL PATTERN | DRILL PATTERN |
|-----------|--------------|-----------|---|----------------------|---|----------------------------|--------------|--|-----------------|---|---------------------------------|--|
| SHAPE | SHAFT | STRUCTURE | HEIGHT (FT)* | DIAMETER/WIDTH (IN)* | GAUGE | TENON DETAIL | BASE DETAIL | COLOR | DROP SHIP | | DRILL PATTERN | DRILL PATTERN |
| R = Round | 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 <i>*Other sizes available</i> | 4 = 4 in 5 = 5 in | 10 = 10 Ga ¹ 11 = 11 Ga ² 07 = 7 Ga <i>¹For 4 in Poles only</i> <i>²For 5 in Poles only</i> | T = Welded Blank = None | E = Embedded | BZ = Bronze WT = White SL = Silver BK = Black | DSL = 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) | EPA (FT ²) | EPA (FT ²) | EPA (FT ²) | EPA (FT ²) | EPA (FT ²) | EPA (FT ²) | EPA (FT ²) | EPA (FT ²) | EPA (FT ²) |
| 10 | RSS14410EBZ | 14 | 4 | 4 | 10 | 84 | 11.1 | 10.0 | 9.1 | 7.6 | 6.5 | 5.6 | 4.9 | 4.2 | 3.7 | |
| 12 | RSS16410EBZ | 16 | 4 | 4 | 10 | 96 | 8.1 | 7.3 | 6.5 | 5.5 | 4.6 | 3.9 | 3.4 | 2.9 | 2.6 | |
| 14 | RSS18410EBZ | 18 | 4 | 4 | 10 | 108 | 6.0 | 6.0 | 5.3 | 4.7 | 3.2 | 2.7 | 2.3 | 2.0 | 1.7 | |
| 16 | RSS20410EBZ | 20 | 4 | 4 | 10 | 120 | 4.4 | 3.7 | 3.3 | 2.6 | 2.2 | 1.8 | 1.5 | 1.2 | 1.0 | |
| 18 | RSS22410EBZ | 22 | 4 | 4 | 10 | 132 | 7.8 | 6.8 | 6.1 | 5.0 | 4.2 | 3.5 | 3.0 | 2.6 | 2.2 | |
| 20 | RSS24410EBZ | 24 | 4 | 4 | 10 | 144 | 6.1 | 5.2 | 4.6 | 3.8 | 3.1 | 2.6 | 2.1 | 1.8 | 1.5 | |
| 22 | RSS26410EBZ | 26 | 4 | 4 | 10 | 156 | 4.6 | 3.9 | 3.4 | 2.7 | 2.1 | 1.7 | 1.4 | 1.1 | 0.9 | |
| 24 | RSS28410EBZ | 28 | 4 | 4 | 10 | 168 | 3.4 | 2.7 | 2.3 | 1.7 | 1.3 | 1.0 | 0.7 | 0.5 | 0.4 | |
| 16 | RSS20511EBZ | 20 | 4 | 5 | 11 | 140 | 8.8 | 8.0 | 7.2 | 6.0 | 5.1 | 4.3 | 3.7 | 3.2 | 2.8 | |
| 18 | RSS22511EBZ | 22 | 4 | 5 | 11 | 154 | 12.2 | 11.2 | 10.2 | 8.5 | 7.2 | 6.2 | 5.3 | 4.6 | 4.1 | |
| 20 | RSS24511EBZ | 24 | 4 | 5 | 11 | 168 | 10.1 | 9.0 | 8.3 | 6.8 | 5.8 | 4.9 | 4.2 | 3.6 | 3.2 | |
| 22 | RSS26511EBZ | 26 | 4 | 5 | 11 | 182 | 8.2 | 7.3 | 6.7 | 5.5 | 4.6 | 3.9 | 3.3 | 2.8 | 2.4 | |
| 24 | RSS28511EBZ | 28 | 4 | 5 | 11 | 196 | 6.6 | 5.9 | 5.3 | 4.3 | 3.5 | 2.9 | 2.5 | 2.1 | 1.7 | |
| 26 | RSS30511EBZ | 30 | 4 | 5 | 11 | 210 | 5.2 | 4.6 | 4.1 | 3.3 | 2.6 | 2.1 | 1.7 | 1.4 | 1.2 | |
| 20 | RSS24507EBZ | 24 | 4 | 5 | 7 | 240 | 16.5 | 15.1 | 13.8 | 11.6 | 9.8 | 8.4 | 7.3 | 6.4 | 5.6 | |
| 22 | RSS26507EBZ | 26 | 4 | 5 | 7 | 260 | 14.1 | 12.7 | 11.5 | 9.7 | 8.2 | 7.0 | 6.0 | 5.2 | 4.6 | |
| 24 | RSS28507EBZ | 28 | 4 | 5 | 7 | 280 | 11.9 | 10.7 | 9.7 | 8.1 | 6.8 | 5.8 | 5.0 | 4.3 | 3.7 | |
| 26 | RSS30507EBZ | 30 | 4 | 5 | 7 | 300 | 10.0 | 9.0 | 8.0 | 6.7 | 5.6 | 4.7 | 4.0 | 3.4 | 3.0 | |

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:

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

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