

SNTS

| | |
|----------------|------|
| Project Name | Type |
| Catalog Number | |

Specifications

Square Non Tapered Steel Pole

Pole Shaft

• ASTM A500 Grade B tubing with minimum yield strength of 46,000 PSI. Shaft is furnished with ground lug inside pole, opposite hand hole opening. Center line of hand hole is 12" from base plate.

Base Plate

• Steel Plate base is ASTM-A36 hot rolled steel, meets or exceeds minimum yield strength of 36,000 PSI.
• Base templates provided with order. Do not pre-pour.

Base Cover

• Die-formed from heavy gauge quality aluminum. Two piece cover for easy installation.

Pole Cap

• Color-impregnated polymer snap-to-close pole cap provided in black.

Finish

• All poles are shot-blasted and cleaned to a near-white finish prior to painting. A Quali-Guard® textured thermoset polyester powder coat is then applied to a minimum of 3 millimeters and then oven-baked at a temperature of 400 °F to promote exceptional adherence and finish hardness. Pole finish is warranted for a full two (2) years. An optional five (5) year extended warranty is also available (external prime coat and internal rust inhibiting coating).

Anchor Bolts

• Poles are provided with hot-dip galvanized anchor bolts, with a J bend on one end and two hex nuts and two flat washers per bolt. Anchor bolts conform to ASTM-A36, meets or exceeds a minimum yield strength 36,000 PSI. Anchor bolts conform to ASTM F1554 Grade 55 and are provided.



| Model | Shaft Size | Gauge | Height | Base | Anchorage | Mounting | Finish | Options | | | |
|-------|-----------------|-----------------|---|---|---|---|---|---|---|-------------------|-------------------|
| SNTS | 4" x 4" (4S) | 11 (11) | 10' | 9" Base *9-3/16" BC (9BC) | 3/4" x 30" (343) | <u>Bolt-On Arm</u> Single (S1) D180 (D2) D90 (D9) T90 (T9) Quad (QD) <u>Tenon Options</u> 2 3/8" (T238R) 3" (T3R) | Bronze (BZ) | GFI Receptacle *Standard location is in hand hole (GFI) Coupling *Specify size and location (CUP) Custom Bolt Circle *Consult factory (CBC) Rust-Inhibiting Internal Coating & Primer (HCR) Single Banner Arm (SBA) Double Banner Arms (DBA) | | | |
| | | | 7 (7) | | | | 12' | | 12" Base *12 3/4" BC (12BC) | 1" x 36" (136) | Black (BK) |
| | | 5" x 5" (5S) | 11 (11) | 14' | 12" Base *12 3/4" BC (12BC) | | 1" x 36" (136) | | | | White (WH) |
| | | | | 16' | | | | | | | Tennis Green (GN) |
| | | | 7 (7) | 18' | 12" Base *12 3/4" BC (12BC) | | 1" x 36" (136) | | | | Forest Green (FG) |
| | | | | 20' | | | | | Grey (GY) | | |
| | 6" x 6" (6S) | 7 (7) | 22' | 12" Base *12 3/4" BC (12BC) | 1" x 36" (136) | Custom Color (CC) Galvanized *No paint (GAL) | Silver Metallic (SL) | | | | |
| | | | 25' | | | | Custom Base *Consult factory (CB) Direct Burial *Specify below-grade length in the form of DB-xx, where "xx" = feet. (DB-__) NOTE: CUP and/or HHC Options required. | <u>Direct Burial Coupling</u> *Specify Size and Location as CUP_S-xx-L-yy, "xx" = 1/2" or 3/4" "yy" = feet from bottom of pole (CUP_S-__L-__) Hand Hole *Specify cover and location as HHC_C-xx-L-yy, "xx" = Y for yes, or N for no "yy" = feet from bottom of pole (HHC_C-__L-__) | | | |
| | | 28' | Custom Base *Consult factory (CB) Direct Burial *Specify below-grade length in the form of DB-xx, where "xx" = feet. (DB-__) NOTE: CUP and/or HHC Options required. | Custom Color (CC) Galvanized *No paint (GAL) | | | | | | | |
| | | 30' | | | Custom Base *Consult factory (CB) Direct Burial *Specify below-grade length in the form of DB-xx, where "xx" = feet. (DB-__) NOTE: CUP and/or HHC Options required. | | | | Custom Color (CC) Galvanized *No paint (GAL) | | |
| | | 35' | Custom Base *Consult factory (CB) Direct Burial *Specify below-grade length in the form of DB-xx, where "xx" = feet. (DB-__) NOTE: CUP and/or HHC Options required. | Custom Color (CC) Galvanized *No paint (GAL) | | | | | | | |

For more detailed information on mounting, wiring or installation instructions, please consult factory. If poles are not ordered with fixtures, please specify mounting requirements. This document contains proprietary information of Visionaire Lighting, LLC. Any use of this information requires the written approval of Visionaire Lighting, LLC. In keeping with our TQM policy of continuous improvement, Visionaire reserves the right to change any specifications contained herein without prior notice.



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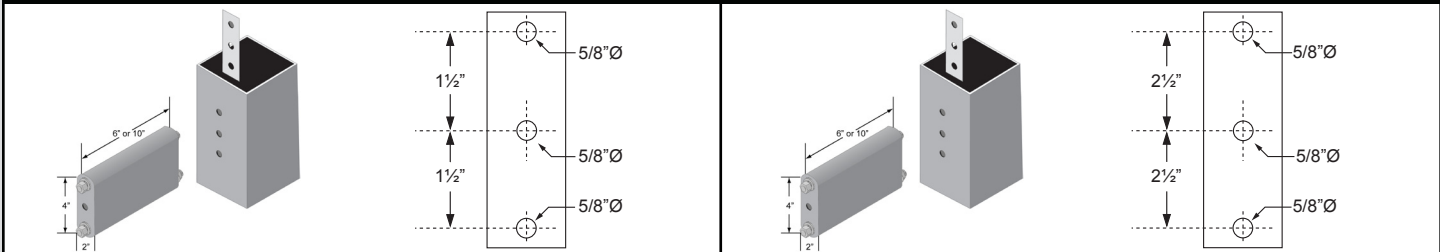
Pole EPA for Square Non-Tapered Steel Poles

| Pole Height | Maximum Allowable EPA (ft ²) with 1.3 gust factor | | | | | | | O.D. | Pole Gauge | Base Plate | Bolt Circle | Anchor Bolts |
|-------------|---|--------|---------|---------|---------|---------|---------|------|------------|-------------|-------------|--------------|
| | 80 mph | 90 mph | 100 mph | 110 mph | 120 mph | 130 mph | 140 mph | | | | | |
| 10' | 30.1 | 23.5 | 18.4 | 11.0 | 10.3 | 7.6 | 6.1 | 4" | 11 | 9"sq x 3/4" | 9" | 3/4" x 30" |
| 12' | 23.0 | 17.4 | 13.7 | 8.5 | 7.4 | 5.7 | 4.4 | 4" | 11 | 9"sq x 3/4" | 9" | 3/4" x 30" |
| 14' | 18.6 | 13.9 | 10.6 | 6.6 | 5.7 | 4.3 | 3.1 | 4" | 11 | 9"sq x 3/4" | 9" | 3/4" x 30" |
| 16' | 15.0 | 10.9 | 10.1 | 4.8 | 3.9 | 3.1 | 1.9 | 4" | 11 | 9"sq x 3/4" | 9" | 3/4" x 30" |
| 18' | 11.7 | 8.4 | 6.0 | 3.4 | 2.8 | 1.9 | - | 4" | 11 | 9"sq x 3/4" | 9" | 3/4" x 30" |
| 20' | 9.3 | 6.4 | 4.3 | 2.4 | 1.7 | 1.3 | - | 4" | 11 | 9"sq x 3/4" | 9" | 3/4" x 30" |
| 20' | 15.8 | 10.9 | 8.2 | 5.0 | 4.2 | 3.1 | 2.0 | 4" | 7 | 9"sq x 3/4" | 9" | 3/4" x 30" |
| 20' | 17.1 | 12.3 | 8.9 | 5.0 | 4.1 | 3.0 | 1.4 | 5" | 11 | 12"sq x 1" | 12" | 1" x 36" |
| 20' | 27.4 | 22.1 | 16.7 | 13.2 | 8.3 | 6.0 | 3.9 | 5" | 7 | 12"sq x 1" | 12" | 1" x 36" |
| 22' | 6.3 | 3.7 | 1.9 | 1.3 | - | - | - | 4" | 11 | 12"sq x 1" | 12" | 1" x 36" |
| 22' | 11.8 | 8.0 | 5.4 | 3.5 | 2.3 | 2.0 | - | 4" | 7 | 12"sq x 1" | 12" | 1" x 36" |
| 22' | 12.6 | 8.4 | 5.4 | 3.2 | 1.9 | 1.6 | - | 5" | 11 | 12"sq x 1" | 12" | 1" x 36" |
| 22' | 21.4 | 15.4 | 11.1 | 6.9 | 5.0 | 4.3 | 2.3 | 5" | 7 | 12"sq x 1" | 12" | 1" x 36" |
| 25' | 5.0 | 2.9 | 1.3 | - | - | - | - | 4" | 11 | 12"sq x 1" | 12" | 1" x 36" |
| 25' | 10.9 | 7.4 | 5.2 | 2.1 | 1.3 | 1.0 | - | 4" | 7 | 12"sq x 1" | 12" | 1" x 36" |
| 25' | 10.2 | 6.6 | 4.0 | 1.6 | - | - | - | 5" | 11 | 12"sq x 1" | 12" | 1" x 36" |
| 25' | 18.8 | 13.0 | 9.5 | 4.8 | 3.7 | 2.7 | - | 5" | 7 | 12"sq x 1" | 12" | 1" x 36" |
| 28' | 5.6 | 3.1 | 1.4 | 1.1 | - | - | - | 4" | 7 | 12"sq x 1" | 12" | 1" x 36" |
| 28' | 5.5 | 3.0 | 1.3 | - | - | - | - | 5" | 11 | 12"sq x 1" | 12" | 1" x 36" |
| 28' | 12.0 | 7.6 | 4.4 | 2.8 | 1.3 | 1.1 | - | 5" | 7 | 12"sq x 1" | 12" | 1" x 36" |
| 28' | 20.9 | 14.1 | 9.4 | 5.7 | 3.6 | 3.1 | - | 6" | 7 | 12"sq x 1" | 12" | 1" x 36" |
| 30' | 5.0 | 2.2 | - | - | - | - | - | 5" | 11 | 12"sq x 1" | 12" | 1" x 36" |
| 30' | 11.4 | 6.8 | 4.0 | 1.7 | - | - | - | 5" | 7 | 12"sq x 1" | 12" | 1" x 36" |
| 30' | 18.9 | 12.8 | 8.4 | 4.3 | 3.0 | 1.9 | - | 6" | 7 | 12"sq x 1" | 12" | 1" x 36" |
| 35' | 6.7 | 2.3 | 1.8 | - | - | - | - | 5" | 7 | 12"sq x 1" | 12" | 1" x 36" |
| 35' | 12.1 | 7.0 | 3.8 | - | - | - | - | 6" | 7 | 12"sq x 1" | 12" | 1" x 36" |

*9" bolt circle is 9- 3/16", 12" bolt circle is 12-3/4".
For Direct Burial EPA, consult factory

2 x 4 BOA Drill Pattern

2 x 6 BOA Drill Pattern



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