

SNTS

Project Name:

Catalog Number:

Type

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.

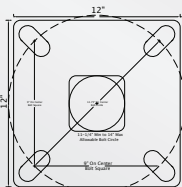
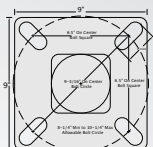
Finish

- 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 flat hex bolts end and two flat washers per bolt. Anchor bolts meet or exceed a minimum of 36,000 PSI. Anchor bolts conform to ASTM F1554 grade 36 and are provided.

Hand Hole



Model	Shaft Size	Gauge	Height	Base	Anchorage	Mounting	Finish	Options
SNTS	4" × 4" (4S)	11 (11) 7 (7)	10'	9" Base *9-3/16" BC (9BC)	¾" × 30" (343)	<u>Bolt-On Arm</u>	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 (S1)			Black (BK)		
						White (WH)		
			D180 (D2)			Tennis Green (GN)		
						Forest Green (FG)		
			D90 (D9)			Grey (GY)		
				Silver Metallic (SL)				
			T90 (T9)	Graphite (GP)				
				Custom Color (CC)				
	Quad (QD)	Galvanized *No paint (GAL)						
								
	<u>Tenon Options</u>							
	1½" NPT (T11/2NPT)							
	2⅜" (T238R)							
	3" (T3R)							
5" × 5" (5S)	11 (11) 7 (7)	20'	12" Base *12¾" BC (12BC)	1" × 36" (136)				
		22'						
		25'						
6" × 6" (6S)	7 (7)	28'	12" Base *12¾" BC (12BC)	1" × 36" (136)				
		30'						
		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.				

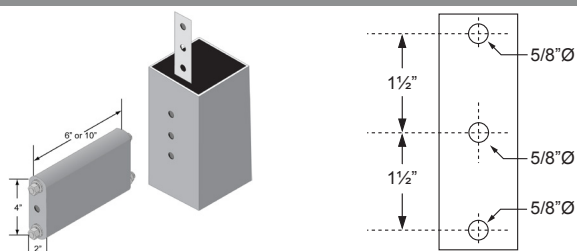
For more detailed information on mounting, wiring or installation instructions, please consult factory. If poles are not ordered with fixtures, please specify mounting requirements. This document contains proprietary information of Visionaire Lighting, LLC. Any use of this information requires the written 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.

Pole EPA for Square Non Tapered Steel Poles

Pole Height	Maximum Allowable EPA (ft²) 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 ¾"	9-3/16"	¾" x 30"
12'	23.0	17.4	13.7	8.5	7.4	5.7	4.4	4"	11	9"sq x ¾"	9-3/16"	¾" x 30"
14'	18.6	13.9	10.6	6.6	5.7	4.3	3.1	4"	11	9"sq x ¾"	9-3/16"	¾" x 30"
16'	15.0	10.9	10.1	4.8	3.9	3.1	1.9	4"	11	9"sq x ¾"	9-3/16"	¾" x 30"
18'	11.7	8.4	6.0	3.4	2.8	1.9	-	4"	11	9"sq x ¾"	9-3/16"	¾" x 30"
20'	9.3	6.4	4.3	2.4	1.7	1.3	-	4"	11	9"sq x ¾"	9-3/16"	¾" x 30"
20'	15.8	10.9	8.2	5.0	4.2	3.1	2.0	4"	7	9"sq x ¾"	9-3/16"	¾" x 30"
20'	17.1	12.3	8.9	5.0	4.1	3.0	1.4	5"	11	12"sq x 1"	12-3/4"	1" x 36"
20'	27.4	22.1	16.7	13.2	8.3	6.0	3.9	5"	7	12"sq x 1"	12-3/4"	1" x 36"
22'	6.3	3.7	1.9	1.3	-	-	-	4"	11	12"sq x 1"	12-3/4"	1" x 36"
22'	11.8	8.0	5.4	3.5	2.3	2.0	-	4"	7	12"sq x 1"	12-3/4"	1" x 36"
22'	12.6	8.4	5.4	3.2	1.9	1.6	-	5"	11	12"sq x 1"	12-3/4"	1" x 36"
22'	21.4	15.4	11.1	6.9	5.0	4.3	2.3	5"	7	12"sq x 1"	12-3/4"	1" x 36"
25'	5.0	2.9	1.3	-	-	-	-	4"	11	12"sq x 1"	12-3/4"	1" x 36"
25'	10.9	7.4	5.2	2.1	1.3	1.0	-	4"	7	12"sq x 1"	12-3/4"	1" x 36"
25'	10.2	6.6	4.0	1.6	-	-	-	5"	11	12"sq x 1"	12-3/4"	1" x 36"
25'	18.8	13.0	9.5	4.8	3.7	2.7	-	5"	7	12"sq x 1"	12-3/4"	1" x 36"
28'	5.6	3.1	1.4	1.1	-	-	-	4"	7	12"sq x 1"	12-3/4"	1" x 36"
28'	5.5	3.0	1.3	-	-	-	-	5"	11	12"sq x 1"	12-3/4"	1" x 36"
28'	12.0	7.6	4.4	2.8	1.3	1.1	-	5"	7	12"sq x 1"	12-3/4"	1" x 36"
28'	20.9	14.1	9.4	5.7	3.6	3.1	-	6"	7	12"sq x 1"	12-3/4"	1" x 36"
30'	5.0	2.2	-	-	-	-	-	5"	11	12"sq x 1"	12-3/4"	1" x 36"
30'	11.4	6.8	4.0	1.7	-	-	-	5"	7	12"sq x 1"	12-3/4"	1" x 36"
30'	18.9	12.8	8.4	4.3	3.0	1.9	-	6"	7	12"sq x 1"	12-3/4"	1" x 36"
35'	6.7	2.3	1.8	-	-	-	-	5"	7	12"sq x 1"	12-3/4"	1" x 36"
35'	12.1	7.0	3.8	-	-	-	-	6"	7	12"sq x 1"	12-3/4"	1" x 36"

For Direct Burial EPA, consult factory

• CAUTION: If any additional stress such as flags, banners, streamers, ropes, or any other such items are added to poles, Visionaire Lighting's normal product guarantee is null and void. Additionally, adding such items to any pole may create severely hazardous conditions. Poles are calculated to withstand steady wind velocities of between 70 and 100 mph wind zones with a 1.3 gust factor depending on height, wall thickness, and width/ diameter. For an exact rating on a specific order, contact Visionaire directly.

2 x 4 BOA Drill Pattern**2 x 6 BOA Drill Pattern**