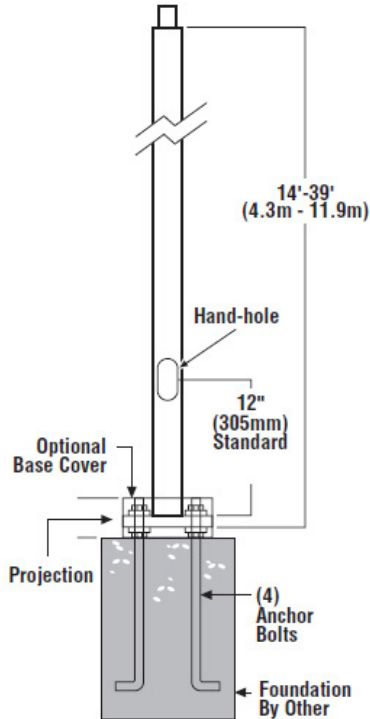


SNTS SERIES

SPECIFICATIONS

SON –
N= 2-3/8" (60mm) O.D. x 4-3/4" (121mm) Tenon



SOB3, SOB5 –
Bolt-On Mount
2-Bolt Pattern



SO1 –
No Mounting Holes



SF –
Single Flood
Pole Preparation



Made in the U.S.A. of the U.S. and imported parts.
Meets Buy American requirements for ARRA.

POLE SHAFT

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. Straight poles are 4", 5", and 6" square.

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. BASE - Pole base is ASTM-A36 hot-rolled steel plate with a minimum yield strength of 36,000 psi. Two-piece square base cover is optional.

ANCHOR BOLTS

Poles are furnished with anchor bolts featuring zinc-plated double nuts and washers. Galvanized anchor bolts are optional. Anchor bolts conform to ASTM F 1554-07a Grade 55 with a minimum yield strength of 55,000 psi.

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

Each pole is finished with DuraGrip®, WLS's baked-on polyester-powder finishing process which electrostatically applies and fuses a polyester powder to the pole. Provides an extremely smooth and uniform finish to withstand extreme weather changes without cracking or peeling, and features a five-year limited warranty. Optional DuraGrip® Plus features the added protection of a 3.0 to 5.0 mil thickness of polyester powder finish plus an inner coating, as well as a seven-year limited warranty.

DETERMINING THE LUMINAIRE/POLE COMBINATION FOR YOUR APPLICATION:

- Select luminaire from luminaire ordering information
- Select bracket configuration if required
- Determine EPA value from luminaire/bracket EPA chart
- Select pole height
- Select MPH to match wind speed in the application area (See windspeed maps).
- Confirm pole EPA equal to or exceeding value from note above
- Consult factory for special wind load requirements and banner brackets

SHIPPING WEIGHTS - SNTS Series	
4"(102mm) sq. 11 Ga. is approximately	7.50 lbs./ft.
4"(102mm) sq. 07 Ga. is approximately	10.00 lbs./ft.
5"(127mm) sq. 11 Ga. is approximately	9.00 lbs./ft.
5"(127mm) sq. 07 Ga. is approximately	12.50 lbs./ft.
6"(152mm) sq. 07 Ga. is approximately	15.40 lbs./ft.
Anchor Bolts (3/4" x 30")(19mm x 762mm)	15 lbs. (7kg)/set
Anchor Bolts (1" x 36")(25mm x 914mm)	30 lbs. (14kg)/set

Project Name: _____

Date: _____

Location: _____

Notes: _____

SNTS SERIES

ORDERING INFORMATION SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE.

Refer to example below.

SERIES	POLE SERIES	MATERIAL	HEIGHT ²	MOUNTING CONFIGURATION	POLE FINISH	OPTIONS
SNTS	Bolt-on Arm Mount See pole selection guide for patterns and fixture matches. 4SQB3 3" Reduced drilling pattern 5SQB3 3" Traditional drilling pattern 4SQB5 5" Traditional drilling pattern 5SQB5 5" Traditional drilling pattern 6SQB5 5" Traditional drilling pattern 4SQBO 5SQBO 6SQBO	S11G 11 Ga. Steel S07G 07 Ga. Steel	14 14' 16 16' 18 18' 20 20' 22 22' 24 24' 26 26' 28 28' 30 30' 35 35' 39 39'	S Single/Parallel D180° Double DN90° Double DN90° Double T90° Triple TN120° Triple Q90° Quad QN90° Quad	BRZ Bronze BLK Black PLP Platinum Plus WHT White SVG Satin Verde Green GPT Graphite MSV Metallic Silver	GA Galvanized Anchor Bolts SF³ Single Flood DF³ Double Flood DGP DuraGrip® Plus LAB Less Anchor Bolts OSXX⁴ Pole preparation for PMOS Occupancy Sensor
	Tenon Mount See selection guide for tenon and fixture/bracket matches. 4SQN 5SQN 6SQN	No Mounting Holes Use with: • BKA 4ISF & BKA 5ISF • BKA X4ISF & BKA X5ISF			N Tenon Mount (Standard tenon size is 2-3/8" O.D.)	
Internal Slip-fitter¹ 4SQI 5SQI						
ORDER:						
WLS-SNTS						

Example: WLS-SNTS-4SQB3-S11G-20-T90-BRZ-GA

FOOTNOTES:

- | | |
|---|--|
| 1 See Area Lighting Brackets 3" Reduced Drill Pattern and Area Lighting Brackets - Bolt-on 5" Traditional Drill Pattern spec sheets for Internal Slip-fitter brackets.
2 Pole heights will have +/- 1/2" tolerance.
3 See Flood Lighting Brackets section for choice of FBO brackets. | 4 Order PMOS separately. Change "XX" to indicate height and side of pole location for pole preparation. EX: 0S18A indicates preparation is to be 18ft. up from pole base on side A. Optimal distance from ground to sensor is 20ft.
5 OSXX option required. Not for use with Metal Halide fixtures. |
|---|--|

ACCESSOR ORDERING INFORMATION (Accessorie are field installed)	
Description	Order Number
4BC - 4" Square Base Cover	122559CLR
5BC - 5" Square Base Cover	122561CLR
6BC - 6" Square Base Cover	122563CLR
ER2 - Weatherproof Duplex Receptacle	122566CLR
GFI - Ground Fault Circuit Interrupter	122567CLR
MHP - Mounting Hole Plugs (3 plugs)-for use with 5" traditional drill pattern	132336
MHD - Mounting Hole Weatherproof Decal-for use with 3" reduced drill pattern	340120
Vibration Damper - 4" Square Pole (bolt-on mount only)	172539
Vibration Damper - 5" Square Pole (bolt-on mount only)	172538
Vibration Damper - 6" Square Pole (bolt-on mount only)	178361
PMOS120 - 120V Occupancy Sensor	518030CLR5
PMOS208/240 - 208, 240V Occupancy Sensor	534239CLR ⁵
PMOS277 - 277V Occupancy Sensor	518029CLR ⁵
PMOS480 - 480V Occupancy Sensor	534240CLR ⁵



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
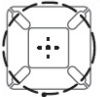


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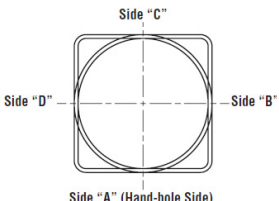
Notes: _____

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Specifications subject to change without notice.

SNTS SERIES

BOLT CIRCLE				
	4" (102mm) square 10-1/8" (257mm) sq.	5" (127mm) square 10-1/8" (257mm) sq.	5" (127mm) square 10-1/8" (257mm) sq.	6" (152mm) square 12" (305mm) sq.
				
	11" (279mm) Dia. Bolt Circle	11" (279mm) Dia. Bolt Circle	11" (279mm) Dia. Bolt Circle	12" (305mm) Dia. Bolt Circle
	B	C	D	J
Bolt Circle	Slotted 8"-11" (203mm-279mm)	Slotted 9"-11" (229mm-279mm)	Slotted 9"-11" (229mm-279mm)	Slotted 12" (305mm)
Anchor Bolt Size	3/4" x 30" (19mm x 762mm)	3/4" x 30" (19mm x 762mm)	1" x 36" (25mm x 914mm)	1" x 36" (25mm x 914mm)
Anchor Bolt Projection	3-1/4" (83mm)	3-1/4" (83mm)	4" (102mm)	4" (102mm)
Base Plate Opening for Wireway Entry	3-5/8" (92mm)	4-3/4" (121mm)	4-5/8" (117mm)	5-5/8" (143mm)
Base Plate Dimensions	10-1/8" sq. x 3/4" thk. (257mm x 19mm)	10-1/8" sq. x 3/4" thk. (257mm x 19mm)	10-1/8" sq. x 1" thk. (257mm x 25mm)	12" sq. x 1-1/8" thk. (305mm x 29mm)
Note: Base plate illustrations may change without notice. Do not use for setting anchor bolts. Consult factory for the base plate templates.				

DRILLING LOCATIONS				
				
Sides	A	B	C	D
Hand-Hole	X			
Single	X			
D180°		X		X
D90°	X			X
T90°	X	X		X
TN120°*	X			
Q90°	X	X	X	X
Single FBO	X			
Double FBO		X		X
*Other two locations will be 120° to the left and right of Side A. Note: Standard SF and DF pole preparations are located 3/4 of the height of the pole from the base, unless otherwise specified.				



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SNTS SERIES

Use ONLY with "Wind Speed Map for ASCE7-05

STEEL SQUARE POLES - ASCE7-05								
POLE	90 MPH	100 MPH	110 MPH	120 MPH	130 MPH	140 MPH	150 MOH	Bolt Circle
4" 11GA 14'	18.7	14.5	11.5	9.1	17.3	5.9	4.6	B
4" 11GA 16'	15.1	11.5	8.9	6.9	5.4	4.1	3.1	B
4" 11GA 18'	12.2	9.1	6.8	5.1	3.7	2.7	1.8	B
4" 11GA 20'	9.5	6.9	4.9	3.4	2.2	1.3	0.5	B
4" 11GA 22'	9.6	7.0	4.7	3.0	1.5	0.5	0.0	B
4" 11GA 24'	7.7	5.3	3.4	1.8	0.4	0.0	0.0	B
4" 11GA 26'	5.7	3.3	1.9	0.6	0.0	0.0	0.0	B
4" 7GA 20'	14.8	11.2	8.4	6.4	4.8	3.5	2.4	B
4" 7GA 22'	14.9	11.0	8.2	6.0	4.4	3.0	1.9	B
4" 7GA 24'	12.4	8.8	6.3	4.4	2.9	1.7	0.8	B
4" 7GA 26'	10.1	6.9	4.6	2.9	1.6	0.5	0.0	B
5" 11GA 16'	29.4	23.0	18.2	14.6	11.8	9.6	7.8	C
5" 11GA 18'	24.2	19.7	14.5	11.4	9.0	7.1	5.5	C
5" 11GA 20'	20.0	14.9	11.5	8.8	6.6	4.9	3.6	C
5" 11GA 22'	20.8	15.5	11.7	8.7	6.4	4.6	3.2	C
5" 11GA 24'	17.2	12.8	9.3	6.6	4.5	3.0	1.6	C
5" 11GA 26'	14.8	10.2	7.1	4.7	2.8	1.4	0.2	C
5" 7GA 20'	30.5	23.7	18.6	14.7	11.7	9.3	7.4	D
5" 7GA 22'	41.2	32.0	25.4	20.3	16.2	13.2	10.5	D
5" 7GA 24'	36.0	27.9	21.8	17.1	13.5	10.7	8.4	D
5" 7GA 26'	32.0	23.8	18.3	14.1	10.9	8.3	6.2	D
5" 7GA 30'	24.1	17.5	13.0	9.4	6.7	4.5	2.8	D
6" 7GA 24'	51.0	39.7	31.3	24.9	19.9	16.0	12.8	J
6" 7GA 26'	44.5	34.2	26.7	20.9	16.4	12.9	10.0	J
6" 7GA 30'	34.3	25.8	19.4	14.6	10.8	7.9	5.4	J
6" 7GA 35'	24.8	17.8	12.5	8.5	5.4	2.9	0.9	J
6" 7GA 39'	18.6	12.4	7.8	4.4	1.6	0.0	0.0	J

All WLS Industries' poles are guaranteed to meet the EPA requirements listed. WLS Industries is not responsible if a pole order has a lower EPA rating than the indicated wind-loading zone where the pole will be located.

CAUTION: This guarantee does not apply if the pole/bracket/fixture combination is used to support any other items such as flags, pennants, or signs, which would add stress to the pole. WLS Industries cannot accept responsibility for harm or damage caused in these situations.



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SNTS SERIES

Use ONLY with "Wind Speed Map for ASCE7-10

STEEL SQUARE POLES - ASCE7-10										
POLE	110 MPH	115 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH	Bolt Circle
4" 11GA 14'	12.5	11.3	10.2	8.5	6.8	5.8	4.9	4.1	3.6	B
4" 11GA 16'	9.8	8.6	7.9	6.5	5.4	4.4	3.5	2.9	2.2	B
4" 11GA 18'	8.1	7.4	6.7	5.4	4.	3.4	2.8	2.2	1.7	B
4" 11GA 20'	7.1	6.3	5.6	4.4	3.4	2.7	2.1	1.6	1.1	B
4" 11GA 22'	9.9	8.8	7.9	6.3	5.1	4.0	3.1	2.5	2.0	B
4" 11GA 24'	8.6	7.5	6.8	5.3	4.2	3.3	2.5	1.9	1.3	B
4" 11GA 26'	6.8	6.1	5.5	4.2	3.2	2.3	1.6	1.0	0.6	B
4" 7GA 20'	10.7	9.7	8.7	7.0	5.7	4.6	3.8	3.1	2.5	B
4" 7GA 22'	11.3	10.2	9.1	7.3	5.8	4.7	3.5	2.7	2.1	B
4" 7GA 24'	9.8	8.9	7.8	6.0	47.5	3.5	2.8	2.1	1.6	B
4" 7GA 26'	7.9	7.1	6.1	4.7	3.6	2.8	1.9	1.2	0.7	B
5" 11GA 16'	18.1	16.4	14.8	12.3	10.3	8.7	7.3	6.3	5.3	C
5" 11GA 18'	15.7	14.2	12.8	10.5	8.7	7.3	6.1	5.1	4.3	C
5" 11GA 20'	13.5	12.3	11.1	9.0	7.4	6.0	4.8	3.8	3.1	C
5" 11GA 22'	15.8	14.3	12.6	10.2	8.3	6.5	5.4	4.2	3.5	C
5" 11GA 24'	13.8	12.5	1.8	8.6	6.7	5.2	3.9	3.0	2.1	C
5" 11GA 26'	11.3	10.3	8.9	6.9	5.3	4.0	3.0	2.2	1.5	C
5" 7GA 20'	20.7	18.8	17.0	14.0	11.7	9.8	7.9	7.0	5.9	D
5" 7GA 22'	25.8	23.3	21.0	17.5	14.6	12.3	10.4	8.8	7.5	D
5" 7GA 24'	23.3	21.0	19.0	15.6	12.9	10.7	9.0	7.5	6.3	D
5" 7GA 26'	20.0	18.0	16.2	13.2	10.7	8.9	7.3	6.0	4.8	D
5" 7GA 30'	16.4	14.6	13.0	10.3	7.9	6.5	5.2	4.0	3.1	D
6" 7GA 24'	35.0	30.8	28.5	23.7	19.6	16.7	14.0	11.8	10.2	J
6" 7GA 26'	29.2	26.2	23.47	19.3	15.9	13.2	11.0	8.69	7.5	J
6" 7GA 30'	23.6	21.2	19.0	15.2	12.3	9.9	8.0	6.4	5.0	J
6" 7GA 35'	17.6	15.2	13.6	10.7	8.2	6.2	4.6	3.2	2.1	J
6" 7GA 39'	13.9	11.9	10.4	7.7	5.5	3.8	2.4	1.2	0.2	J

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