

## Type:

## SNTS SERIES SQUARE NON-TAPERED STEEL POLE

## **SPECIFICATIONS**

### 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.

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.

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.

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 polyesterpowder 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

## SQN -N= 2-3/8" (60mm) O.D. x 4-3/4" (121mm) Tenon 14'-39' (4.3m - 11.9m) Hand-hole 12" (305mm)Standard Optional Base Cover Projection Anchor Bolts **Foundation** By Other





SF – Single Flood ole Preparati





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



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SERIES	POLE SERIES	MATERIAL	HEIGHT <sup>2</sup>	MOUNTING CONFIGURATION	POLE FINISH	OPTIONS
ORDER:	Bolt-on Arm Mount See pole selection guide for patterns and fixture matches.  4SQB3 3" Reduced drilling pattern  5SQB3 3" Reduced drilling pattern  4SQB5 5" Traditional drilling pattern  5SQB5 5" Traditional drilling pattern  6SQB5 5" Traditional drilling pattern  4SQB0  5SQB0  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 XSISF  Internal Slip-fitter <sup>1</sup> 4SQI  5SQI	<b>\$11G</b> 11 Ga. Steel <b>\$07G</b> 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 D90° Double DN90° Double T90° Triple TN120° Triple Q90° Quad QN90° Quad N Tenon Mount (Standard tenon size is 2-3/8° O.D.)	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

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 Drlll 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.

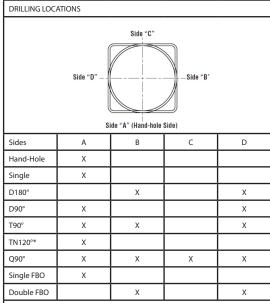
ACCESSOR ORDERING INFORMATION (Accessorie are field installed)	
Description	Order Number
4BC – 4" Square Base Cover	122559CLR
5BC – 5" Square Base Cover	122561CLR
6BC – 6" Square Base Cover	122563CLR
ER2 – Weatherproof Duplex Receptacle	122566CLR
GFI – Ground Fault Circuit Interrupter	122567CLR
MHP – 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 <sup>5</sup>
PMOS277 - 277V Occupancy Sensor	518029CLR <sup>5</sup>
PMOS480 - 480V Occupancy Sensor	534240CLR <sup>5</sup>



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



\*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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## **Use ONLY with "Wind Speed Map for 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	В
4" 11GA 16'	15.1	11.5	8.9	6.9	5.4	4.1	3.1	В
4" 11GA 18'	12.2	9.1	6.8	5.1	3.7	2.7	1.8	В
4" 11GA 20'	9.5	6.9	4.9	3.4	2.2	1.3	0.5	В
4" 11GA 22'	9.6	7.0	4.7	3.0	1.5	0.5	0.0	В
4" 11GA 24'	7.7	5.3	3.4	1.8	0.4	0.0	0.0	В
4" 11GA 26'	5.7	3.3	1.9	0.6	0.0	0.0	0.0	В
4" 7GA 20'	14.8	11.2	8.4	6.4	4.8	3.5	2.4	В
4" 7GA 22'	14.9	11.0	8.2	6.0	4.4	3.0	1.9	В
4" 7GA 24'	12.4	8.8	6.3	4.4	2.9	1.7	0.8	В
4" 7GA 26'	10.1	6.9	4.6	2.9	1.6	0.5	0.0	В
5" 11GA 16'	29.4	23.0	18.2	14.6	11.8	9.6	7.8	С
5" 11GA 18'	24.2	19.7	14.5	11.4	9.0	7.1	5.5	С
5" 11GA 20'	20.0	14.9	11.5	8.8	6.6	49	3.6	С
5" 11GA 22'	20.8	15.5	11.7	8.7	6.4	4.6	3.2	С
5" 11GA 24'	17.2	12.8	9.3	6.6	4.5	3.0	1.6	С
5" 11GA 26'	14.8	10.2	7.1	4.7	2.8	1.4	0.2	С
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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## **Use ONLY with "Wind Speed Map for 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	В
4" 11GA 16'	9.8	8.6	7.9	6.5	5.4	4.4	3.5	2.9	2.2	В
4" 11GA 18'	8.1	7.4	6.7	5.4	4.	3.4	2.8	2.2	1.7	В
4" 11GA 20'	7.1	6.3	5.6	4.4	3.4	2.7	2.1	1.6	1.1	В
4" 11GA 22'	9.9	8.8	7.9	6.3	5.1	4.0	3.1	2.5	2.0	В
4" 11GA 24'	8.6	7.5	6.8	5.3	4.2	3.3	2.5	1.9	1.3	В
4" 11GA 26'	6.8	6.1	5.5	4.2	3.2	2.3	1.6	1.0	0.6	В
4" 7GA 20'	10.7	9.7	8.7	7.0	5.7	4.6	3.8	3.1	2.5	В
4" 7GA 22'	11.3	10.2	9.1	7.3	5.8	4.7	3.5	2.7	2.1	В
4" 7GA 24'	9.8	8.9	7.8	6.0	47.5	3.5	2.8	2.1	1.6	В
4" 7GA 26'	7.9	7.1	6.1	4.7	3.6	2.8	1.9	1.2	0.7	В
5" 11GA 16'	18.1	16.4	14.8	12.3	10.3	8.7	7.3	6.3	5.3	С
5" 11GA 18'	15.7	14.2	12.8	10.5	8.7	7.3	6.1	5.1	4.3	С
5" 11GA 20'	13.5	12.3	11.1	9.0	7.4	6.0	4.8	3.8	3.1	С
5" 11GA 22'	15.8	14.3	12.6	10.2	8.3	6.5	5.4	4.2	3.5	С
5" 11GA 24'	13.8	12.5	1.8	8.6	6.7	5.2	3.9	3.0	2.1	С
5" 11GA 26'	11.3	10.3	8.9	6.9	5.3	4.0	3.0	2.2	1.5	С
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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**DIMENSIONS** 



## Туре:

## **SPECIFICATIONS**

## CONSTRUCTION

- Extruded Aluminum Body: Improves heat dissipation for longer life.
- Heavy-Duty Powder Coating: Bronze, white and black standard. Custom color options available 10.
- Unified Design: Same modern design as Site Lighter Wall Pack (SLW2) for unified aesthetics.
- EZ-Connect<sup>™</sup> Receptacle: The simplest and fastest way to add sensors and wireless controls at any time on the field. Twist and Lock system, no tools or wiring needed

### LECTRICAL

- Power Input: 120-277V or 347-480V, typical, depending on model.
- Power Factor: 0.99 typical.
- Total Harmonic Distortion: <20%.
- Surge Protection: Standard is 6kV for drivers. Additional surge protection (20kV/10kA) available as an option (SRG). Passed ANSI C136.2-2018 surge test for extreme level surge conditions (40 strikes at 20kV/10kA).
- Emergency Battery Backup: Optional (factory installed).
- EM10=10W output, EM10C=10W with cold start (-20°C),
- EM16=16W output, EM16C=16W with cold start (-20°C),
- EM25=25W output.

### **OPERATION**

- Environment: IP65 rated for exterior applications.
- Ambient Range Operation: -40°C up to 55°C (-40°F up to 130°F), except XXL housing size which can withstand up to 50°C (122°F).

### **OPTICS**

- CCT: 2200K, 2700K, 3500K, 4000K and 5000K standard. Wildlife friendly lighting and other CCTs available upon request (extended lead time).
- CRI: >70 standard, other CRI available (extended lead time).
- Lenses: Polycarbonate lens with our proprietary HiOptiX™ technology, designed for superior uniformity and illumination
  efficiency by delivering the light precisely where it is needed. Optics available:
- Type 2, Type 3, Type 4, Type 5.
- - Front Row: Automotive (AFR), Left (FRL), Right (FRR).
- - Flood: 35 degrees (F35), 60 degrees (F60).
- - Forward Throw Medium (TFTM).

## MOUNTING

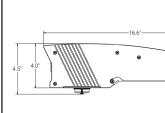
 Mounting: Rapid Mount Bracket, Slip Fitter (Knuckle Adapter), Straight Arm, Trunnion (Yoke), and Wall Mount options available.

## WARRANTY

• 10 Year Performance Warranty: Fixture is guaranteed for 10 years, including lumen maintenance (L70), color temperature, and LED driver. "Defective" is considered if ten percent (10%) or more of the LEDs, per product, are non-operating LEDs, total lumen depreciation exceeds 30% (L70), or color temperature has shifted more than 500° Kelvin within the warranty period.

## **LISTINGS & CERTIFICATIONS**

- Intertek UL 1598.
- IP65.
- RoHS compliant.
- BAA/TAA Compliant.
- FCC CFR 47 Part 15.
- ANSI C136.2-2018 Extreme Surge Exposure Level



Dimensio	Dimensions							
Size	Length (in.)	Width (in.)	Height (in.)	Weigh (lb.)				
SM	16.6	10.50	4.0	15.1				
MD	16.6	13.50	4.0	19.2				
LG	16.6	20.00	4.0	27.23				
XL	16.6	26.42	4.0	41.2				
XXL	16.6	39.33	4.0	53.2				

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

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## 5 REV. 2/25

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## SL2 SERIES LED AREA

ORDERING SELECT APPROPRI			OPTIC	FORMULATE VOLTAGE	ORDER COI	DE. Refer to ex	kample below.	OPTIONS	DIMMING	ACCESSORIES	
SL2-A1-08K-SM SL2-A1-12K-SM SL2-A1-15K-SM SL2-A1-21K-MD SL2-A1-21K-MD SL2-A1-30K-MD SL2-A1-32K-MD SL2-A1-38K-LG SL2-A1-46K-LG SL2-A1-52K-LG SL2-A1-62K-XL SL2-A1-71K-XL SL2-A1-105K-XXL	50K 5000K 40K 4000K 35K 3500K 30K 3000K 27K 2700K 22K 2200K	<b>70</b> 70+	T2 Type 2 T3 Type 3 T4 Type 4 T5 Type 5 F35 Flood 35 degrees F60 Flood 60 degrees AFR Automotive Front Row FRL Front Row Left FRR Front Row Right TFTM Forward Throw Medium	LV 120-277V HV 347-480V	BRN Bronze BLK Black WHT White CUS Custom (Special Order)	RMB Rapid Mount Bracket SF Slip Fitter Bracket SA Straight Arm Bracket TM Trunnion Mount Bracket WM Wall Mount Box	EZ10 EZ-Connect™ Receptacle with Twist Lock system (standard) Sensors not included, Contact your Sales professional for available products	SRG Surge Protector (20kV/10kA) EM10 Emergency Battery Backup (10W) EM10C Emergency Battery Backup with Cold Start (10W/-20°C) EM16 Emergency Battery Backup (16W) EM25 Emergency Battery Backup (25W)	<b>10V</b> 0-10V	SL2-GSLR Glare Shield Left / Right. Field installed SL2-GSFB Glare Shield Front / Back. Field installed SL2-BLS Back Light Shield. Field installed.	
ORDER:											
WLS-SL2-A1-		70							10		

Example: WLS-SL2-A1-24K-MD-40K-70-T5-LV-BLK-SA-EZ10-SRG-10V-SLW



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