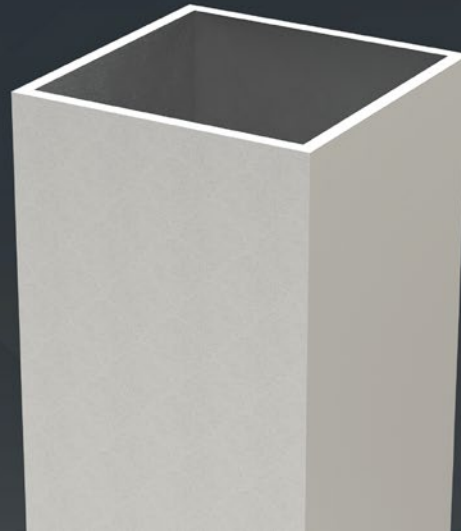


SQUARE STRAIGHT STEEL POLE



**HEIGHT**

10' - 35'

**POLE SHAFT**

The pole shaft material is a weldable grade hot rolled commercial quality carbon steel tubing with a minimum yield of 46,000 psi. Conforms to ASTM A500 Grade B Standards. Poles have ground lug welded inside hand-hole opposite side of the hand-hole. Pole shaft is welded to base plate on top and bottom of base plate.

**BASE PLATE**

The Base Plate is manufactured from structural hot rolled steel that meets or exceeds a minimum yield strength of 36,000 psi, conforms the ASTM-A36 standards. Base Plate vary in size from 1" thick for poles 21 feet and over, 3/4" thick for poles 10 to 20 feet.

**ANCHOR BOLTS**

All anchor bolts are hot dipped galvanized steel and come with two galvanized nuts and washers per bolt. Minimum yield strength 55,000 psi. Anchor bolts are not included for Custom Bolt Circle.

**BASE COVER**

All base covers are fabricated two-piece 6063 aluminum and powder coated to match the pole.

**HAND-HOLE**

A reinforced hand-hole is 12" on center from the base plate and is constructed of 3"x 5" rectangular steel tubing which is welded to pole shaft for added strength. The hand-hole covers are provided with internal bridge support and powder coated to match pole finish.

**POLE CAP**

All poles come with a removable polymer pole cap installed. All pole caps are black finish. Aluminum Pole Cap option is painted to match pole.

**FINISH**

All poles are treated with shot blast media for a near white finish, power blasted with 100 psi prior to powder coat application. Electrostatically applied AAMA 2604 polyester powder coat with a 3 to 5 mil thickness for maximum adherence.

**MARINE GRADE FINISH**

All poles are washed through a 5-stage cleaning system with a deionized rinse, a 3 to 5 mils zinc rich durable polyester primer powder coat, followed by a 3 to 5 mils super durable AAMA 2604 polyester powder coat finish.

Recommended for applications near the coastline or in demanding environments.

**GALVANIZED FINISH**

All poles are Hot Dipped Galvanized in a multi stage process. Galvanizing Specification, Zinc (Hot Dipped Galvanized) per ASTM A 123/A 123M - 02

Zinc coatings on threaded materials shall conform to specification A 153 /A 153M. The coating shall be continuous and reasonably smooth and uniform in thickness and in weight.

Galvanizing Adherence - The Zinc coating shall withstand handling consistent with the nature and thickness of the coating and normal use of the article without peeling or flaking.

Provides the most protection against the elements in coastal and harsh environments.

**GALVANIZED UNDER POWDER**

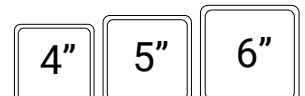
Galvanized Under Powder (GUP) adheres to above galvanized specification, and the second stage is a light sand blast on the outside of the pole, third stage is a 3-5 mils AAMA 2604 polyester powder coat finish for maximum adherence.

**VIBRATION DAMPENERS**

The Vibration Dampener is factory installed and consists of a rugged galvanized chain coated with heavy duty polyester tubing that is factory secured at the bottom 2-3rds of the pole and can optionally be secured in the field by a contractor at the base during installation.

**BUY AMERICAN**

To ensure the latest BAA/TAA/BABA Standards are being met, please select BAA, TAA, or BABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade American Act), or BABA (Build America, Buy America).



Project Name:

Type:

# SSSP ORDERING GUIDE

Cat#	Height	Pole Dimension	Gauge	Base Pattern
Square Straight Steel Pole (SSSP)	10' (10) 12' (12) 14' (14) 15' (15) 16' (16) 18' (18) 20' (20) 22' (22) 24' (24) 25' (25) 28' (28) 30' (30) 32' (32) 35' (35)	4" Square (4S)  5" Square (5S)  6" Square (6S)Ⓢ	.120 Wall Thickness (11G)  .180 Wall Thickness (7G)	(10'-20') 8.187" – 10.187" Bolt Circle (9BC)  (22'-35') 10" – 14" Bolt Circle (12BC)  Custom Bolt Circle (CBC) * Consult Factory

Mounting	Color	Bolts	Options
Single (SGL)	Bronze Textured (BRZ)	3/4" x 30" (3430)	GFI Kit (GFI20A)ⓈⓈ 20 Amp Weather Proof Receptacle
Double (D-90) (D-180)	White Textured (WHT)	1" x 36" (136)	GFI Provision Only (PROV)Ⓢ
Triple (T-90)	Smooth White Gloss (SWT)	Less Anchor Bolts (LAB)	Galvanized (GLV)
Quad (QD)	Silver (SVR)		Galvanized Under Powder (GUP)
No Drill (ND) *Tenon Option	Green Textured (GRN)		1/2" Coupling (COUP)Ⓢ * Specify Location
<b>Tenon</b>	Hunter Green Textured (HGN)		Vibration Dampener (VD)
2 3/8" Round (T2R)	Black Textured (BLK)		Extra Hand Hole (XHH)Ⓢ * Specify Location
3" Round (T3R)	Smooth Black Gloss (SBK)		Marine Grade Finish (MGF)
3 1/2" Round (T312R)	Graphite Textured (GPH)		UL Certified with label (UL)Ⓢ
4 1/2" Round (T412R)	Grey Textured (GRY)		Aluminum Pole Cap (APC)Ⓢ
3 1/2" Square (T312S)	Custom (CS)		Buy American Act (BAA)Ⓢ
4 1/2" Square (T412S)			Trade Agreement Act (TAA)Ⓢ
5 1/2" Square (T512S)			Build America Buy American (BABA)Ⓢ

**Notes:**

- Ⓢ Aluminum Pole Cap must be selected for UL Certified Pole Option
- Ⓢ Consult Factory
- Ⓢ For 6S Pole, minimum bolt circle 10.19"
- Ⓢ Standard weatherproof cover comes standard with option. For lockable cover requests, please contact factory
- Ⓢ Specify the Height (in feet) from base and degree orientation from hand hole.

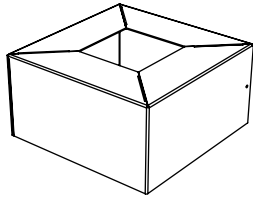


701 Kingshill Place, Carson, CA 90746  
Call Us Today (310) 341-2037

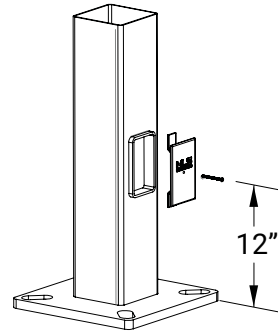
nslighting.com



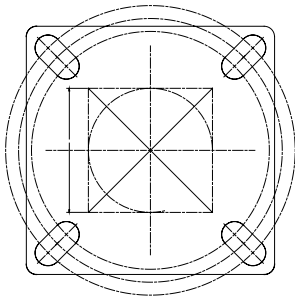
**PRODUCT SPECIFICATIONS**



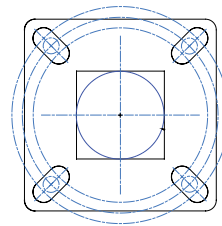
**Base Cover**



**Base Detail**



**12" Base Detail**



**9" Base Detail**

# PRODUCT SPECIFICATIONS

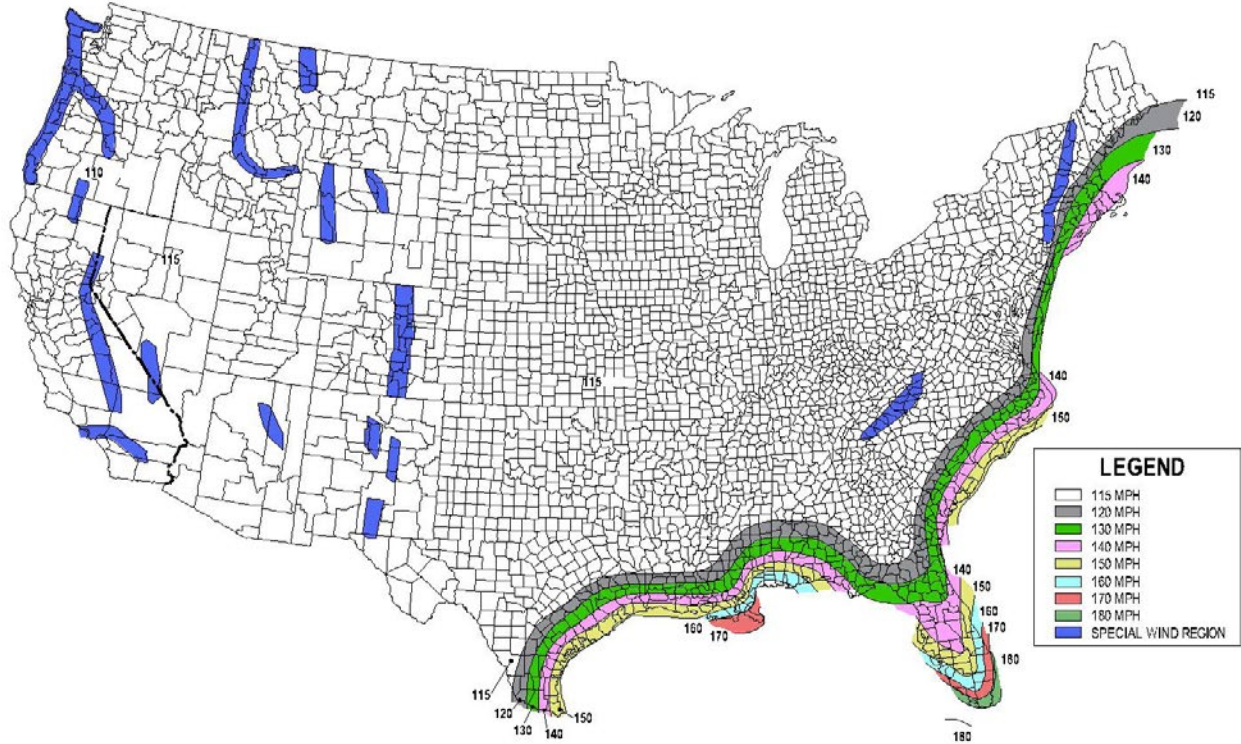


FIG. 3.8-1b - 700-Year MRI Basic Wind Speed, mph (AASHTO LRFDLTS-1)

- 1) All wind load calculations are based on sustained wind force plus and additional 1.3 gust
- 2) Wind Map is to be used as a reference only. Please coordinate with local agencies for further review.
- 3) Wind Map values are based on a 50 year mean recurrence. These values do not account for severe conditions, such as hurricanes, tornadoes, etc...
- 4) For review of poles with additional configurations (arms, banners, shorter/longer pole lengths, etc...), please contact factory.

## BUY AMERICAN OPTION

While all of the NLS Lighting products listed in this document qualify for the Buy America(n) Act of 1933, we reserve the right to change our listings without notice.

The information provided above is for general informational purposes only. We encourage you to consult legal professionals for advice particular to your projects concerning BAA, TAA, BABA or Buy America.

Additional NLS Products that meet BAA, TAA standards can be found at the following link:

[https://nslighting.com/wp-content/uploads/cs/NLS\\_BuyAmerica\(n\).pdf](https://nslighting.com/wp-content/uploads/cs/NLS_BuyAmerica(n).pdf)

## MOUNTING CONFIGURATION



Single (SGL)



Double (D-90)



Double (D-180)



Triple (T-90)



Quad (QD)