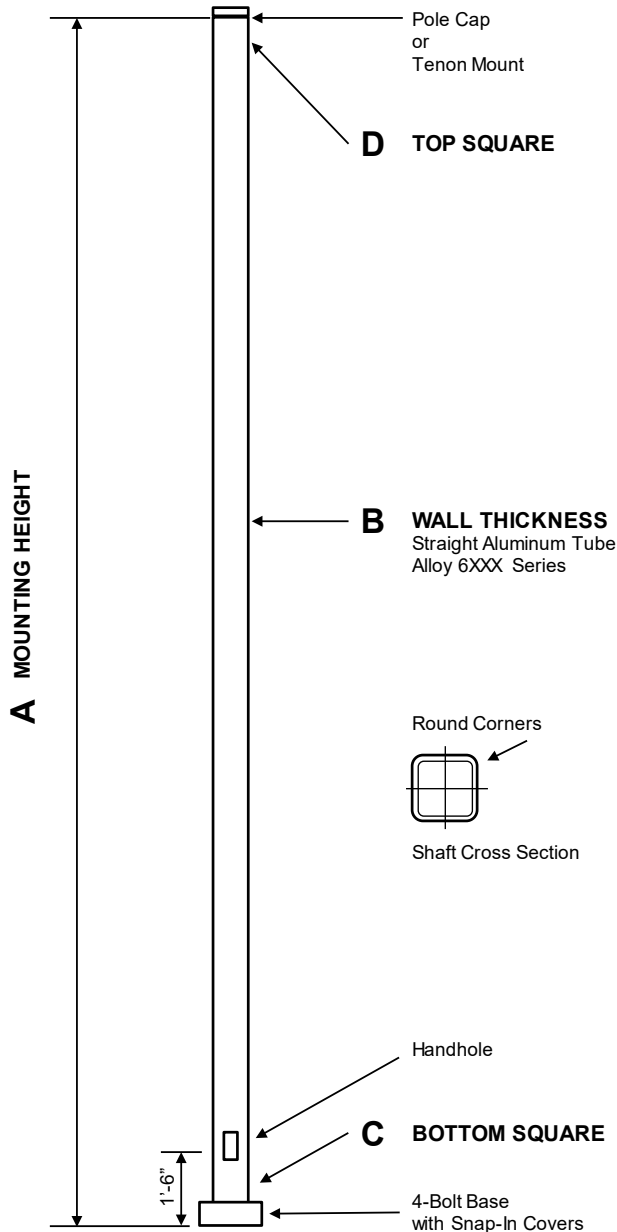


SSA - Square Straight Aluminum Pole Anchor Base



C	D	F	G	H	I
BUTT SQ.	TOP SQ.	BOLT CIR. DIA.	BASE SQ.	BOLT PROJ.	BOLT SIZE
4	4	8.5 - 9.5	9.875	1.5	.75 x 17 x 3
5	5	10.5 - 11.5	11.25	2	.75 x 30 x 3
6	6	12 - 13	12.75	2.25	1 x 36 x 4
6.625	6.625	13 - 14	13.5	2.25	1 x 36 x 4

POLE

The pole shaft is constructed of seamless extruded tube of 6XXX Series Aluminum Alloy per the requirements of ASTM B221. The shaft assembly shall be full-length heat treated after base weld.

BASE STYLE

4-Bolt Cast Aluminum Base Flange of Alloy 356-T6 with Aluminum Snap-In Bolt Covers.

ANCHORAGE

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain four (4) Hex Nuts, four (4) Lock Washers, and four (4) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided.

HANDHOLE

4"-5" Butt Diameter - 2" x 4" Handhole with square Lap Style Aluminum Door and two (2) SS Self-Tapping Attaching Screws. A Grounding Provision is provided opposite the Handhole.

6"+ Butt Diameter - 3" x 5" Handhole with square Lap Style Aluminum Door and two (2) SS Self-Tapping Attaching Screws. A Grounding Provision incorporating a tapped 1/4"-20NC is provided opposite the Handhole.

BASE STYLE

Side Drill Mount
Luminaire type, quantity, and orientation information must be provided for Side Drill Mount applications. A luminaire drilling template must also be supplied at time of order.

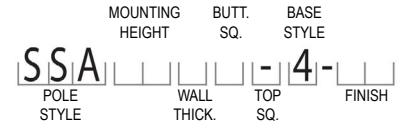
Tenon Mount - Welded or Spun
For Tenon Mount applications specify both Tenon diameter (2.375", 2.875", 3.5", etc.) and length (3", 4", etc.).

SSA - Square Straight Aluminum Pole Anchor Base

A MTG HGT	B WALL THICKNESS	C BASE DIAMETER	TOTAL FIXTURE WEIGHT	MAXIMUM EPA					ORDER NUMBER
				90	100	110	120	130	
08	0.125	4	100	23.2	18.4	17.2	14.2	11.8	SON-SSA08B4-4**
10	0.125	4	100	17.6	13.8	12.8	10.4	8.6	SON-SSA10B4-4**
10	0.188	4	100	26.2	20.8	19.4	16.0	13.2	SON-SSA10D4-4**
12	0.125	4	100	13.8	10.6	9.8	7.8	6.2	SON-SSA12B4-4**
12	0.188	4	100	21.0	16.4	15.2	12.4	10.2	SON-SSA12D4-4**
12	0.188	5	100	35.0	27.6	25.6	20.8	17.2	SON-SSA12D5-4**
14	0.125	4	85	10.8	8.2	7.6	5.8	4.6	SON-SSA14B4-4**
14	0.188	4	100	17.0	13.2	12.0	9.6	7.8	SON-SSA14D4-4**
14	0.188	5	100	28.6	22.4	20.6	16.6	13.6	SON-SSA14D5-4**
15	0.125	4	70	9.8	7.2	6.6	5.0	3.8	SON-SSA15B4-4**
15	0.188	4	100	15.4	11.8	10.8	8.6	6.8	SON-SSA15D4-4**
15	0.188	5	100	26.0	20.2	18.6	15.0	12.0	SON-SSA15D5-4**
16	0.125	4	55	8.8	6.4	5.8	4.4	3.2	SON-SSA16B4-4**
16	0.188	4	100	13.8	10.6	9.6	7.6	6.0	SON-SSA16D4-4**
16	0.188	5	100	23.8	18.4	16.8	13.4	10.8	SON-SSA16D5-4**
18	0.125	4	25	6.8	4.8	4.2	3.0	2.0	SON-SSA18B4-4**
18	0.188	4	80	11.2	8.4	7.6	5.8	4.4	SON-SSA18D4-4**
18	0.250	4	100	15.2	11.6	10.6	8.4	6.6	SON-SSA18F4-4**
18	0.188	5	100	19.4	14.8	13.4	10.4	8.2	SON-SSA18D5-4**
20	0.125	4	40	5.0	3.4	2.8	1.8	-	SON-SSA20B4-4**
20	0.188	4	50	9.0	6.6	5.8	4.2	3.0	SON-SSA20D4-4**
20	0.250	4	90	12.4	9.4	8.4	6.4	4.8	SON-SSA20F4-4**
20	0.188	5	100	15.8	11.8	10.6	8.0	6.0	SON-SSA20D5-4**
20	0.250	5	100	22.0	16.8	15.2	11.8	9.2	SON-SSA20F5-4**
20	0.188	6	100	24.8	18.8	17.0	13.2	10.2	SON-SSA20D6-4**
20	0.250	6	100	34.2	26.4	24.2	19.0	15.2	SON-SSA20F6-4**
25	0.188	5	45	9.4	6.2	5.4	3.4	1.8	SON-SSA25D5-4**
25	0.250	5	65	14.0	10.0	8.8	6.2	4.4	SON-SSA25F5-4**
25	0.188	6	60	15.4	10.8	9.4	6.6	4.2	SON-SSA25D6-4**
25	0.250	6	100	22.4	16.4	14.8	11.0	8.0	SON-SSA25F6-4**
25	0.250	6.625	100	28.8	21.4	19.2	14.6	11.0	SON-SSA25FJ-4**
30	0.188	6	40	8.8	5.0	4.0	1.6	-	SON-SSA30D6-4**
30	0.250	6	25	14.4	9.6	8.4	5.2	3.0	SON-SSA30F6-4**
30	0.250	6.625	55	19.0	13.0	11.4	7.6	4.6	SON-SSA30FJ-4**
35	0.250	6	70	8.0	4.0	3.0	-	-	SON-SSA35F6-4**
35	0.250	6.625	50	11.4	6.6	5.2	2.0	-	SON-SSA35FJ-4**

ORDER NUMBER SEQUENCE

The order numbers for SONARAY poles uses the following identification sequence:



ORDER NUMBER EXAMPLE

SON SSA 20 D 5 - 4 - BA

Square Straight Aluminum, 20' Mounting Height, 0.188" Wall Thickness, 5" Butt Square, No Taper, 4-Bolt Base, Black Powder Coat Finish

WALL THICKNESS

B = 0.125"
D = 0.188"
F = 0.250"

BUTT SQUARE

4 = 4"
5 = 5"
6 = 6"
J = 6-5/8"

TOP SQUARE

- = No Taper

BASE STYLE

4 = 4-Bolt Base

FINISH

O2 = Satin Aluminum
BA = Black Powder Coat
BH = White Powder Coat
BM = Dark Bronze Powder Coat
BV = Dark Green Powder Coat
GC = Gray Powder Coat
** = Specify Finish

EPA NOTES

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.

