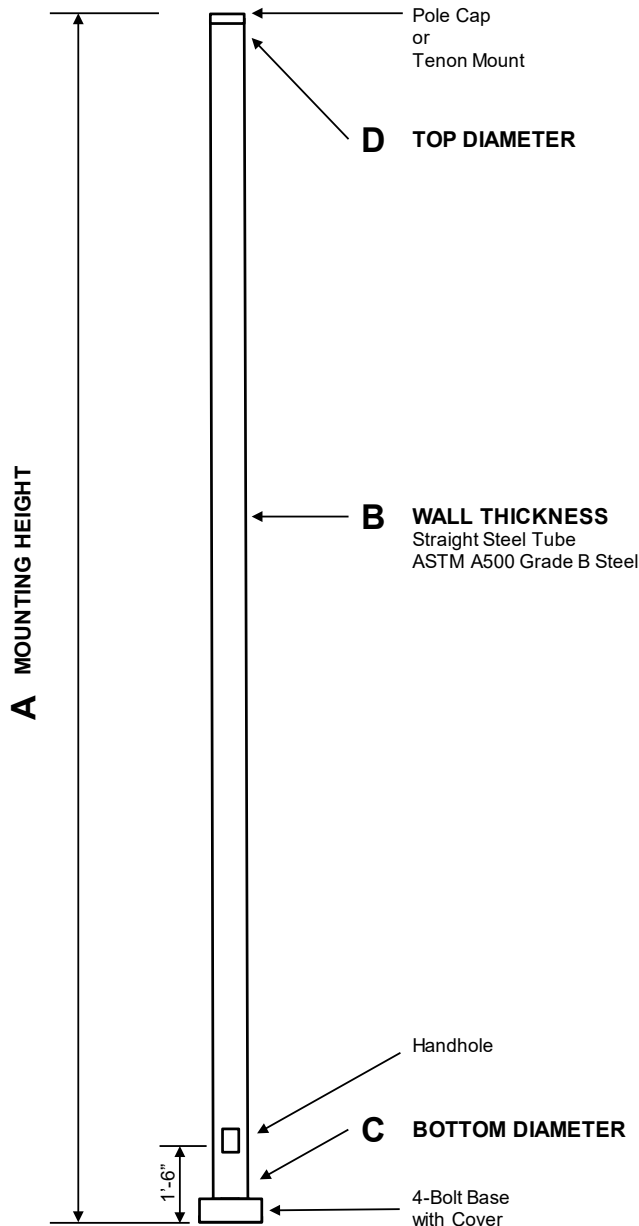


RSS - Round Straight Steel Pole Anchor Base



C	D	F	G	H	I
BUTT DIA.	TOP DIA.	BOLT CIR. DIA.	BASE SQ.	BOLT PROJ.	BOLT SIZE
3	3	7.5 - 8.5	8	3.75	.75 x 17 x 3
4	4	7.5 - 8.5	8	3.75	.75 x 17 x 3
4.5	4.5	7.5 - 8.5	8	3.75	.75 x 17 x 3
5 11 GAUGE	5	7.5 - 8.5	8	3.75	.75 x 17 x 3
5 7 GAUGE	5	8 - 9	8.75	4.875	1 x 36 x 4

POLE

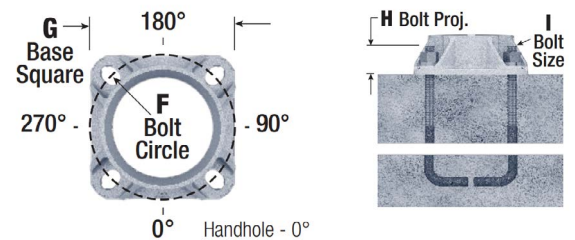
Pole shaft shall be weldable-grade, cold-rolled, commercial quality carbon steel tubing conforming to ASTM A500 Grade B. Options include 11 and 7 gauge. All welds shall conform to AWS D1.2 using ER70S-6 electrodes.

BASE STYLE

4-Bolt Steel Base Plate of fabricated hot rolled carbon steel conforming to ASTM A36 or equivalent with 2-piece Base Cover and attaching hardware.

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 eight (8) Hex Nuts, four (4) Lock Washers, and eight (8) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided.



HANDHOLE

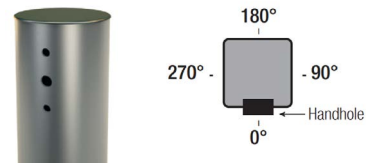
3" Butt Diameter - Reinforced, 2" x 4" Handhole with cover and stainless steel screws. A grounding provision incorporating a tapped 1/2"-13NC hole will be provided.

4"+ Butt Diameter - Reinforced, 3" x 5" Handhole with cover, stainless steel screw and backbar. A grounding provision incorporating a tapped 1/2"-13NC hole will be provided.

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.).

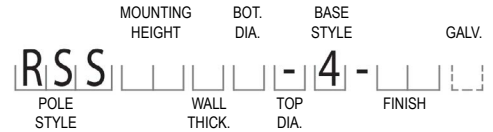


RSS - Round Straight Steel Pole Anchor Base

A MTG HGT	B WALL GAUGE	C BUTT DIA.	TOTAL FIXTURE WEIGHT	MAXIMUM EPA					ORDER NUMBER
				90	100	110	120	130	
8	11	3	525	10.1	8.0	7.4	6.1	4.2	SON-RSS08B3-4-**-**
8	11	4	600	21.4	17.1	15.9	13.1	9.4	SON-RSS08B4-4-**-**
10	11	3	435	8.1	6.3	5.8	4.7	3.1	SON-RSS10B3-4-**-**
10	11	4	600	16.7	13.2	12.2	10.0	7.0	SON-RSS10B4-4-**-**
10	11	4.5	600	22.4	17.8	16.5	13.6	9.9	SON-RSS10BG-4-**-**
12	11	3	370	6.4	4.9	4.5	3.5	2.2	SON-RSS12B3-4-**-**
12	11	4	600	13.2	10.3	9.5	7.7	5.2	SON-RSS12B4-4-**-**
12	11	4.5	600	18.1	14.2	13.1	10.7	7.7	SON-RSS12BG-4-**-**
14	11	3	315	5.1	3.8	3.4	2.6	1.4	SON-RSS14B3-4-**-**
14	11	4	550	10.7	8.3	7.6	6.0	3.9	SON-RSS14B4-4-**-**
14	11	4.5	600	14.7	11.4	10.5	8.4	6.0	SON-RSS14BG-4-**-**
16	11	3	275	3.9	2.8	2.5	1.8	0.7	SON-RSS16B3-4-**-**
16	11	4	470	8.8	6.6	6.0	4.6	2.8	SON-RSS16B4-4-**-**
16	11	4.5	595	11.9	9.0	8.2	6.5	4.5	SON-RSS16BG-4-**-**
18	11	3	245	2.9	1.9	1.6	1.0	-	SON-RSS18B3-4-**-**
18	11	4	400	7.1	5.2	4.6	3.4	1.9	SON-RSS18B4-4-**-**
18	11	4.5	505	9.7	7.2	6.5	5.0	3.4	SON-RSS18BG-4-**-**
20	11	3	225	2.0	1.1	0.9	-	-	SON-RSS20B3-4-**-**
20	11	4	340	5.6	3.9	3.5	2.4	1.1	SON-RSS20B4-4-**-**
20	11	4.5	430	7.9	5.7	5.1	3.7	2.4	SON-RSS20BG-4-**-**
20	11	5	540	10.5	7.7	7.1	5.7	3.9	SON-RSS20B5-4-**-**
20	7	5	600	17.7	13.5	12.5	10.3	7.3	SON-RSS20D5-4-**-**
22	11	4.5	370	6.3	4.4	3.8	2.6	1.6	SON-RSS22BG-4-**-**
22	11	5	460	8.6	6.1	5.6	4.5	3.0	SON-RSS22B5-4-**-**
22	7	5	600	13.4	9.9	9.2	7.5	5.1	SON-RSS22D5-4-**-**
25	11	4	240	2.8	1.5	1.1	-	-	SON-RSS25B4-4-**-**
25	11	4.5	290	4.4	2.7	2.2	1.2	-	SON-RSS25BG-4-**-**
25	11	5	365	6.2	4.1	3.7	2.8	1.7	SON-RSS25B5-4-**-**
25	7	5	565	11.1	8.0	7.4	5.9	4.0	SON-RSS25D5-4-**-**
30	11	4.5	205	1.7	-	-	-	-	SON-RSS30BG-4-**-**
30	11	5	245	3.1	1.3	1.1	0.6	-	SON-RSS30B5-4-**-**
30	7	5	395	7.0	4.5	4.0	3.1	1.8	SON-RSS30D5-4-**-**
35	7	5	270	3.8	1.7	1.4	0.8	-	SON-RSS35D5-4-**-**

ORDER NUMBER SEQUENCE

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



ORDER NUMBER EXAMPLE

SON RSS 20 B 4 - 4 - BH

Round Straight Steel, 20' Mounting Height, 11 Gauge, 4" Butt Square, No Taper, 4-Bolt Base, White Powder Coat Finish

WALL THICKNESS

B = 11 Gauge
D = 7 Gauge

BUTT DIAMETER

3 = 3"
4 = 4"
4.5 = 4.5"
5 = 5"

TOP SQUARE

- = No Taper

BASE STYLE

4 = 4-Bolt Base

FINISH

BA = Black Powder Coat
BH = White Powder Coat
BM = Dark Bronze Powder Coat
BV = Dark Green Powder Coat
GC = Gray Powder Coat

00G = Galvanized Only
BAG = Black PC Over Galvanized
BHG = White PC Over Galvanized
BMG = Dark Bronze PC Over Galvanized
BVG = Dark Green PC Over Galvanized
GCG = Gray PC Over Galvanized

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.