

Design Features

Shaft: The shaft shall be 3", 4", or 5" in diameter and extruded from seamless 6063 alloy aluminum. Poles can be side drilled or provided with a welded tenon for mounting luminaires.

Anchor Base: The anchor base is cast from A356 alloy aluminum and shall be heat tempered to a T6 temper. The shaft and base are joined by a continuous circumferential weld at the outside top and inside bottom of the base.

Anchor Bolts: Each pole is supplied with $\frac{3}{4}$ " by 16" long zinc-plated steel anchor bolts with two nuts, flat washers and template.

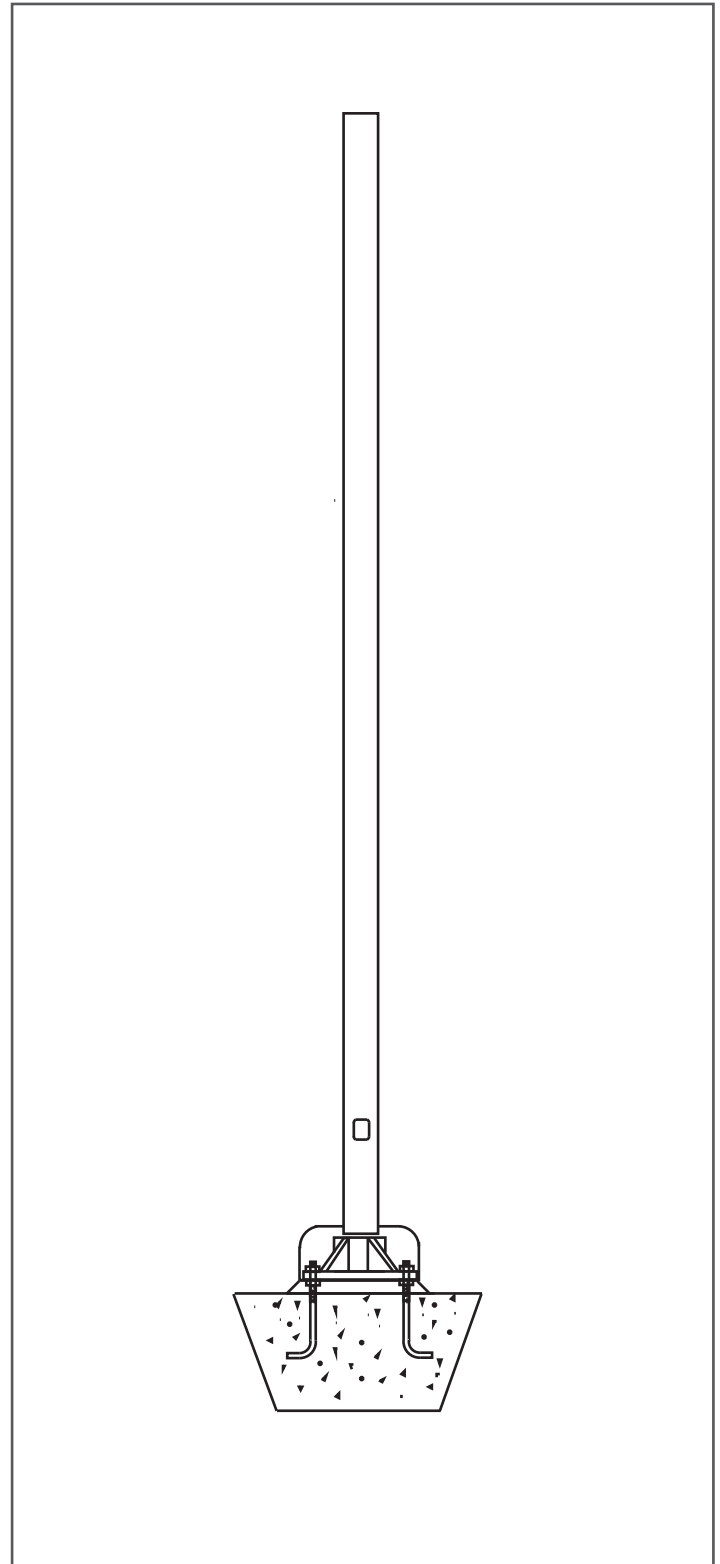
Handholes: A 2" by 4" handhole is provided with gasketed cover and stainless steel tamper resistant fasteners. Ground lug is installed in the shaft opposite the handhole. Handholes not available in 3" poles.

Base Collar: Heavy gauge spun aluminum collar is provided with each pole.

Finish: Standard finish is a baked on polyester powder. Color to be specified.

Packaging: Plastic sleeve shall cover each shaft prior to being inserted into a heavy gauge cardboard tube.

Caution: Poles should never be erected without luminaire installed. Grout must be installed between anchor base and concrete pad or the warranty will be voided.



Aluminum Pole Details



ANCHOR BASE AND BOLT DETAIL				DIMENSIONS OF BASE COVER	
Pole Diameter	Bolt Circle	Bolt Projection	Bolt Quantity and Size	Outside Diameter	Height
3"	6"	3 1/4"	(3) 3/4 x 16"	8"	5 1/2"
4"	7"	3 1/4"	(4) 3/4 x 16"	9 1/4"	5 1/2"
5"	7 1/2"	3 1/4"	(4) 3/4 x 16"	9 1/4"	5 1/2"

SPECIFICATION GUIDE

Part Number	Height	Diameter	Wall	Effective Projected Area in Square Feet at:		
				80MPH	90MPH	100MPH
RSA-8-3-5	8FT	3"	.125	5.7	4.2	3.2
RSA-10-3-5	10FT	3"	.125	4.0	2.8	2.0
RSA-10-4-5	10FT	4"	.125	8.1	6.0	4.6
RSA-10-4-0	10FT	4"	.226	15.1	12.3	9.4
RSA-12-4-5	12FT	4"	.125	5.7	4.1	3.0
RSA-12-4-0	12FT	4"	.226	13.1	9.7	8.1
RSA-12-5-5	12FT	5"	.125	10.2	8.0	6.2
RSA-12-5-8	12FT	5"	.188	16.1	12.5	10.0
RSA-14-4-5	14FT	4"	.125	4.1	2.7	1.0
RSA-14-4-0	14FT	4"	.226	10.1	8.2	6.0
RSA-14-5-5	14FT	5"	.125	7.8	6.0	4.6
RSA-14-5-8	14FT	5"	.188	12.7	9.8	7.8
RSA-16-4-5	16FT	4"	.125	2.8	1.6	1.0
RSA-16-4-0	16FT	4"	.226	8.7	6.8	4.3
RSA-16-5-5	16FT	5"	.125	5.9	4.4	3.4
RSA-16-5-8	16FT	5"	.188	9.9	7.6	5.9

E.P.A. calculations allow for 1.3 Gust Factor

OPTIONS

- TT2.3 = 2 3/8" od Tenon
- TT3 = 3" od Tenon
- TT3.5 = 3 1/2" od Tenon
- DR = Duplex Receptical
- GFI = Ground Fault Interrupter

FINISH

- BZ = Bronze
- BK = Black
- WH = White
- SL = Silver
- CC = Custom Color