

Square Pole

ALUMINUM | TAPERED

ENERGYLITE

PROJECT

TYPE

SPECIFICATION

QUICK FACTS

POLE SHAFT

The pole shaft is a seamless 6063-T6 aluminum alloy extrusion having a uniform wall thickness of 0.250", 0.188", 0.156" or 0.125". The sides of the shaft may be drilled for mounting luminaire fixtures. All aluminum alloys shall comply with metallurgical and mechanical properties set forth in the Aluminum Association Standards.

BASE PLATE

An oval reinforced gasketed handhole, having a nominal 3" x 5" inside opening, located 1' - 6" above base, is standard on all poles. A grounding provision is located inside the handhole ring.

HANDHOLE

An oval reinforced gasketed handhole, having a nominal 3" x 5" inside opening, located 1' - 6" above base, is standard on all poles. A grounding provision is located inside the handhole ring.

ANCHOR BOLTS

Anchor bolts are fabricated from commercial quality hot rolled carbon steel bar that meets or exceeds a minimum yield strength of 55,000 psi. Four properly sized anchor bolts, each with two regular hex nuts and washers, are furnished and shipped with all poles unless otherwise specified.

FINISHES

The Standard Finish is a polyester thermosetting powder coating applied to the surface of the substrate to a minimum of 3 mils for all color finishes.

ORDERING EXAMPLE

SERIES	HEIGHT	BASE DIAMETER	GAUGE	FINISH	MOUNTING DESIGNATION	OPTIONS
SAP	10	- 4.0	- 11	- BRZ	- DM10	- BC
				BRZ - Bronze BLK - Black NA - Natural Aluminum	<i>Tenon Mount</i> 2 - 2 3/8" x 4" tenon 3 - 2 1/2" x 4" tenon <i>Drill Mount</i> DM10 - 1 luminaire DM2090 - 2 luminaires @90° DM2180 - 2 luminaires @180° DM3090 - 3 luminaires @90° DM3120 - 3 luminaires @120° DM4090 - 4 luminaires @90°	BC - Base Cover NC - Nut Covers CPL - Threaded Coupling* NPL - Threaded Nipple* LAB - Less Anchor Bolt OTC - Open Top with Cover VD - Vibration Damping Pad** XHH - Extra Handhole* 58HH - 5" x 8" Handhole* 410HH - 4" x 10" Handhole* <i>Embedment Pole Options</i> E - Embedded Pole GS - Ground Sleeve

* Please advise size, location, and orientation. (Handholes are restricted by size of pole shaft diameter)
 ** Located 24" above baseplate and same side as handhole. (No electrical included)

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Catalog Number	Nominal Height	Pole Shaft	Gauge	Handhole Size	Anchor Bolt	Bolt Circle	80 mph	90 mph	100 mph	110 mph	Ship Weight
SAP08-4.0-11	8	4.0 x 8.0	11	3 x 5	0.75 x 17 x 3	9	13.5	10.5	8	7	30
SAP10-4.0-11	10	4.0 x 10.0	11	3 x 5	0.75 x 17 x 3	9	10.5	8	6	4.5	34
SAP12-4.0-11	12	4.0 x 12.0	11	3 x 5	0.75 x 17 x 3	9	8	6.5	4.5	2.5	38
SAP14-4.0-11	14	4.0 x 14.0	11	3 x 5	0.75 x 17 x 3	9	6.5	5	3.5	1.5	43
SAP15-4.0-11	15	4.0 x 15.0	11	3 x 5	0.75 x 17 x 3	9	6	4.5	3	0.5	45
SAP16-4.0-11	16	4.0 x 16.0	11	3 x 5	0.75 x 17 x 3	9	5.5	4	2.5	0	47
SAP16-4.0-7	16	4.0 x 16.0	7	3 x 5	0.75 x 17 x 3	9	8.5	6.5	5	2	65
SAP18-4.0-11	18	4.0 x 18.0	11	3 x 5	0.75 x 17 x 3	9	4	3	2	0	52
SAP18-4.0-7	18	4.0 x 18.0	7	3 x 5	0.75 x 17 x 3	9	7.5	5.5	4	1	72
SAP18-5.0-7	18	5.0 x 18.0	7	3 x 5	1 x 36 x 4	11	12.5	9.5	7	2.5	89
SAP20-4.0-7	20	4.0 x 20.0	7	3 x 5	0.75 x 17 x 3	9	6	4.5	3	1	77
SAP20-5.0-7	20	5.0 x 20.0	7	3 x 5	1 x 36 x 4	11	10.5	8	5.5	1.5	97
SAP20-6.0-7	20	6.0 x 20.0	7	3 x 5	1 x 36 x 4	13.5	16	12	9	3.5	121
SAP20-6.0-3	20	6.0 x 20.0	3	3 x 5	1 x 36 x 4	13.5	22.5	17	13	6.5	151
SAP25-5.0-7	25	5.0 x 25.0	7	3 x 5	1 x 36 x 4	11	7	5	3	1	118
SAP25-6.0-7	25	6.0 x 25.0	7	3 x 5	1 x 36 x 4	13.5	11.5	8	5.5	2	147
SAP25-6.0-3	25	6.0 x 25.0	3	3 x 5	1 x 36 x 4	13.5	16.5	12	8.5	2	185
SAP30-6.0-7	30	6.0 x 30.0	7	3 x 5	1 x 36 x 4	13.5	8	5	3	0	173
SAP30-6.0-3	30	6.0 x 30.0	3	3 x 5	1 x 36 x 4	13.5	12	8.5	5.5	2	219