

POLE

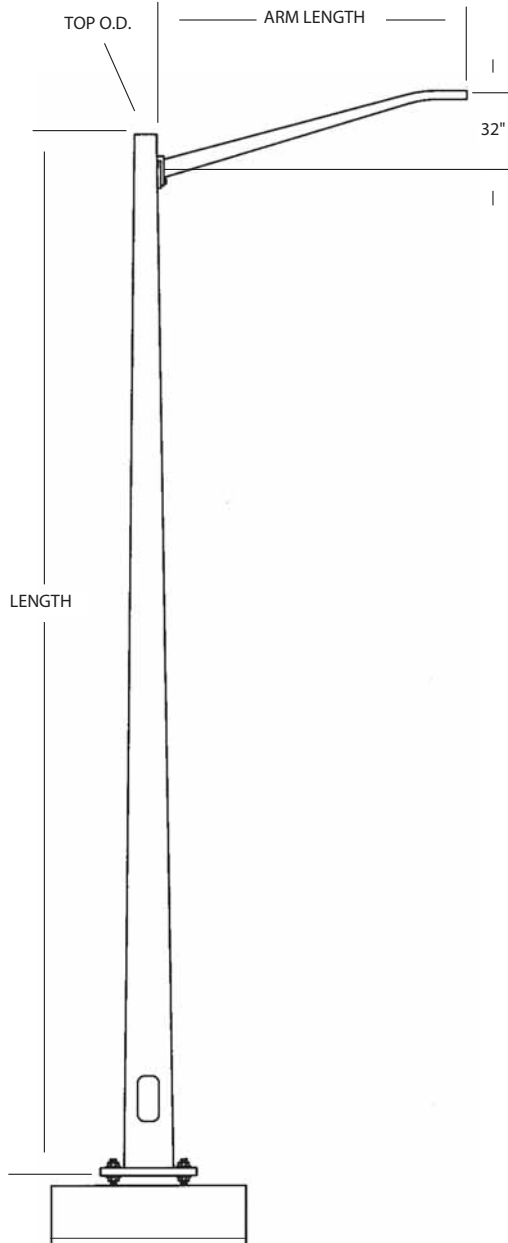
SEQUOIA LIGHTING SYSTEMS

ALUMINUM SINGLE

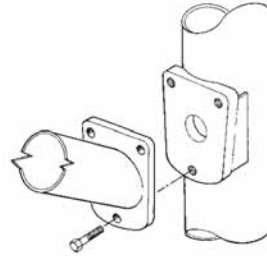
DESIGN
PA06

ALUMINUM ARM

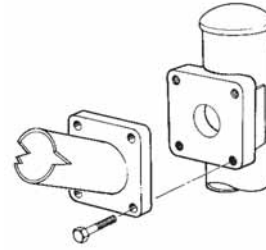
SINGLE ALUMINUM ARM ASSEMBLY



ALUMINUM ARM

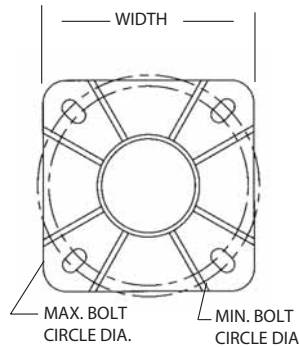


TRIPLE



QUAD

ANCHOR BOLT DATA



Aluminum poles are designed for the combined effects of both wind and dead load. The wind load effects have been analyzed with wind velocities ranging from 70 to 110 mph plus a 1.3 gust factor. Due to varying wind effects, height correction factors and drag coefficients have been applied to the entire structure. The dead load effects have been determined by using a final deflected position analysis to account for secondary moments caused by dead loads.

All Aluminum pole shafts are extruded from all new seamless 6063 alloy aluminum tubing and is heat treated to T6 temper. The top of the pole may be drilled or equipped with a top tenon for mounting luminaires.

The anchor base consists of a permanent mold casting from A356 alloy aluminum. The shaft shall be inserted into the base casting and joined by a continuous circumferential weld at the outside top and inside bottom of the anchor base casting. Anchor bases are heat treated to a T6 temper after all structural welding has been completed.

Furnished with each standard are four hot dip galvanized anchor bolts, each with double nuts and double washers. Each anchor bolt assembly is provided with a 4" tail. Anchor bolt settings are provided to the customer with each shipment.

All Aluminum poles are polished with fine grain aluminum oxide clothes, resulting in a high quality longitudinal satin brushed finish. Aluminum poles can also be primed and painted per the agencies specifications.

SEQUOIA LIGHTING CORPORATION

MANUFACTURERS OF QUALITY LIGHTING PRODUCTS

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Single Aluminum Arms Roadway - 1PA-Series

STRUCTURE DATA										
Catalog Number	Mounting Height (ft)	Gross weight (Lbs)	Pole Shaft Data				Arm	Base Plate Data		Anchor Bolt Data
			Base O.D. (in)	Top O.D. (in)	Wall Thk. (in)	Shaft Length (ft)		A Length (ft)	Bolt Circle Range (in)	
SL-20-50B-104XP	20	74	5.0	3.0	.156	17.66	4	7.5-9.5	9.25	0.75 x 15 x 3
SL-20-50V-104XP		84	5.0	3.0	.188	17.66	4	7.5-9.5	9.25	0.75 x 15 x 3
SL-20-60B-104XP		92	6.0	4.0	.156	17.66	4	8.75-10.25	10.25	0.75 x 25 x 4
SL-20-60V-104XP		103	6.0	4.0	.188	17.66	4	8.75-10.25	10.25	0.75 x 25 x 4
SL-20-50B-106XP		77	5.0	3.0	.156	17.66	6	7.5-9.5	9.25	0.75 x 15 x 3
SL-20-50V-106XP		87	5.0	3.0	.188	17.66	6	7.5-9.5	9.25	0.75 x 15 x 3
SL-20-60B-106XP		95	6.0	4.0	.156	17.66	6	8.75-10.25	10.25	0.75 x 25 x 4
SL-20-60B-108XP		97	6.0	4.0	.156	17.66	8	8.75-10.25	10.25	0.75 x 25 x 4
SL-25-60B-104XP		25	106	6.0	4.0	.156	22.66	4	8.75-10.25	10.25
SL-25-60V-104XP	118		6.0	4.0	.188	22.66	4	8.75-10.25	10.25	0.75 x 25 x 4
SL-25-70B-104XP	133		7.0	4.0	.156	22.66	4	9.875-11.25	10.63	1 x 36 x 4
SL-25-60B-106XP	109		6.0	4.0	.156	22.66	6	8.75-10.25	10.25	0.75 x 25 x 4
SL-25-60V-106XP	121		6.0	4.0	.188	22.66	6	8.75-10.25	10.25	0.75 x 25 x 4
SL-25-70B-106XP	136		7.0	4.0	.156	22.66	6	9.875-11.25	10.63	1 x 36 x 4
SL-25-60B-108XP	111		6.0	4.0	.156	22.66	8	8.75-10.25	10.25	0.75 x 25 x 4
SL-25-60V-108XP	123		6.0	4.0	.188	22.66	8	8.75-10.25	10.25	0.75 x 25 x 4
SL-25-70B-108XP	138		7.0	4.0	.156	22.66	8	9.875-11.25	10.63	1 x 36 x 4
SL-30-70B-104XP	30	157	7.0	4.0	.156	27.66	4	9.875-11.25	10.63	1 x 36 x 4
SL-30-80B-104XP		161	8.0	4.5	.156	27.66	4	11-12.125	11.63	1 x 36 x 4
SL-30-80V-104XP		184	8.0	4.5	.188	27.66	4	11-12.125	11.63	1 x 36 x 4
SL-30-70B-106XP		160	7.0	4.0	.156	27.66	6	9.875-11.25	10.63	1 x 36 x 4
SL-30-80B-106XP		164	8.0	4.5	.156	27.66	6	11-12.125	11.625	1 x 36 x 4
SL-30-70B-108XP		162	7.0	4.0	.156	27.66	8	9.875-11.25	10.625	1 x 36 x 4
SL-30-80B-108XP		166	8.0	4.5	.156	27.66	8	11-12.125	11.625	1 x 36 x 4
SL-35-80B-104XP		35	188	8.0	4.5	.156	32.66	4	11-12.125	11.625
SL-35-80V-104XP	215		8.0	4.5	.188	32.66	4	11-12.125	11.625	1 x 36 x 4
SL-35-80H-104XP	264		8.0	4.5	.250	32.66	4	11-12.125	11.625	1 x 36 x 4
SL-35-80B-106XP	191		8.0	4.5	.156	32.66	6	11-12.125	11.625	1 x 36 x 4
SL-35-80V-106XP	218		8.0	4.5	.188	32.66	6	11-12.125	11.625	1 x 36 x 4
SL-35-80H-106XP	267		8.0	4.5	.250	32.66	6	11-12.125	11.625	1 x 36 x 4
SL-35-80B-108XP	193		8.0	4.5	.156	32.66	8	11-12.125	11.625	1 x 36 x 4
SL-35-80V-108XP	220		8.0	4.5	.188	32.66	8	11-12.125	11.625	1 x 36 x 4
SL-35-80H-108XP	269		8.0	4.5	.250	32.66	8	11-12.125	11.625	1 x 36 x 4
SL-39-80V-104XP	39	237	8.0	4.5	.188	36.66	4	11-12.125	11.625	1 x 36 x 4
SL-39-80H-104XP		299	8.0	4.5	.250	36.66	4	11-12.125	11.625	1 x 36 x 4
SL-39-80V-106XP		240	8.0	4.5	.188	36.66	6	11-12.125	11.625	1 x 36 x 4
SL-39-80H-106XP		302	8.0	4.5	.250	36.66	6	11-12.125	11.625	1 x 36 x 4
SL-39-80V-108XP		242	8.0	4.5	.188	36.66	8	11-12.125	11.625	1 x 36 x 4
SL-39-80H-108XP		304	8.0	4.5	.250	36.66	8	11-12.125	11.625	1 x 36 x 4

Replace "X" with the following:

H - Hub-mounted

B - Bolt-mounted

S - Simplex-mounted

C - Clamp-mounted