

POLE

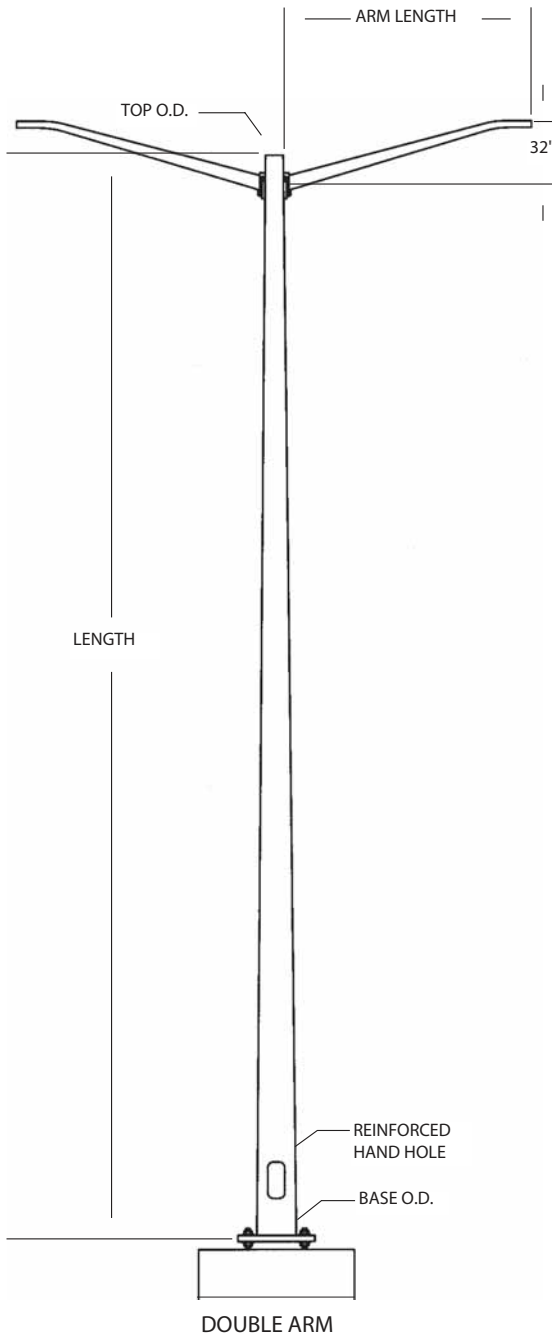
SEQUOIA LIGHTING SYSTEMS

ALUMINUM TWIN ARM

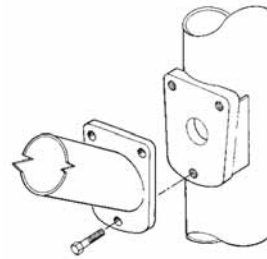
**DESIGN
PA05**

ALUMINUM TWIN ARM POLE

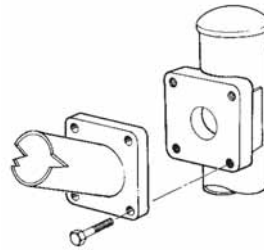
TWIN ALUMINUM ARM ASSEMBLY



ALUMINUM ARM

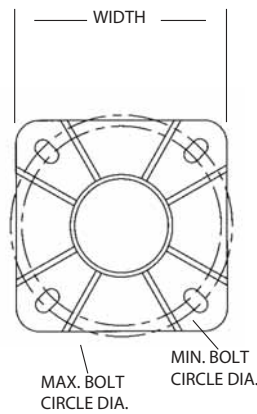


TRIPLE



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 bolts 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

13644 George Blvd, Suite 1, Victorville, CA, 92394 (760) 246-5213 FAX (760) 246-5294 www.sequoialighting.com

Twin Aluminum Pole Arms - 2PA-Series

STRUCTURE DATA										
Catalog Number	Mounting Height (ft)	Gross weight (Lbs)	Pole Shaft Data				Arm A Length (ft)	Base Plate Data		Anchor Bolt Data Dia x Lgth x Hk
			Base O.D. (in)	Top O.D. (in)	Wall Thk. (in)	Shaft Length (ft)		Bolt Circle Range (in)	Plate Square (in)	
SL-RDWA-20-50V-204XP	20	87	5.0	3.0	.188	17.66	4	7.5-9.5	9.25	0.75 x 15 x 3
SL-RDWA-20-60B-204XP		95	6.0	4.0	.156	17.66	4	8.75-10.25	10.25	0.75 x 25 x 4
SL-RDWA-20-60V-204XP		106	6.0	4.0	.188	17.66	4	8.75-10.25	10.25	0.75 x 25 x 4
SL-RDWA-20-60B-206XP		107	6.0	4.0	.156	17.66	6	8.75-10.25	10.25	0.75 x 25 x 4
SL-RDWA-20-60V-206XP		118	6.0	4.0	.188	17.66	6	8.75-10.25	10.25	0.75 x 25 x 4
SL-RDWA-20-70B-206XP		135	7.0	4.0	.156	17.66	6	9.875-11.25	10.63	1 x 36 x 4
SL-RDWA-20-60B-208XP		111	6.0	4.0	.156	17.66	8	8.75-10.25	10.25	0.75 x 25 x 4
SL-RDWA-20-60V-208XP		122	6.0	4.0	.188	17.66	8	8.75-10.25	10.25	0.75 x 25 x 4
SL-RDWA-25-60B-204XP		25	109	6.0	4.0	.156	22.66	4	8.75-10.25	10.25
SL-RDWA-25-60V-204XP	106		6.0	4.0	.188	22.66	4	8.75-10.25	10.25	0.75 x 25 x 4
SL-RDWA-25-70B-204XP	136		7.0	4.0	.156	22.66	4	9.875-11.25	10.63	1 x 36 x 4
SL-RDWA-25-80B-204XP	148		8.0	4.5	.156	22.66	4	11-12.125	10.63	1 x 36 x 4
SL-RDWA-25-70B-206XP	148		7.0	4.0	.156	22.66	6	9.875-11.25	10.63	1 x 36 x 4
SL-RDWA-25-80B-206XP	160		8.0	4.5	.156	22.66	6	11-12.125	11.63	1 x 36 x 4
SL-RDWA-25-80V-206XP	179		8.0	4.5	.188	22.66	6	11-12.125	11.63	1 x 36 x 4
SL-RDWA-25-60V-208XP	137		6.0	4.0	.188	22.66	8	8.75-10.25	10.25	0.75 x 25 x 4
SL-RDWA-25-70B-208XP	152		7.0	4.0	.156	22.66	8	9.875-11.25	10.63	1 x 36 x 4
SL-RDWA-25-80B-208XP	164		8.0	4.5	.156	22.66	8	11-12.125	11.63	1 x 36 x 4
SL-RDWA-30-70B-204XP	30	160	7.0	4.0	.156	27.66	4	9.875-11.25	10.63	1 x 36 x 4
SL-RDWA-30-80B-204XP		164	8.0	4.5	.156	27.66	4	11-12.125	11.63	1 x 36 x 4
SL-RDWA-30-80V-204XP		187	8.0	4.5	.188	27.66	4	11-12.125	11.63	1 x 36 x 4
SL-RDWA-30-10V-204XP		229	10.0	6.0	.188	27.66	4	14.25-16.25	14.50	1 x 40 x 6
SL-RDWA-30-70B-206XP		172	7.0	4.0	.156	27.66	6	9.875-11.25	10.63	1 x 36 x 4
SL-RDWA-30-80B-206XP		176	8.0	4.5	.156	27.66	6	11-12.125	11.625	1 x 36 x 4
SL-RDWA-30-80V-206XP		199	8.0	4.5	.188	27.66	6	11-12.125	11.625	1 x 36 x 4
SL-RDWA-30-80H-206XP		252	8.0	4.5	.25	27.66	6	11-12.125	11.625	1 x 36 x 4
SL-RDWA-30-80B-208XP		180	8.0	4.5	.156	27.66	8	11-12.125	11.625	1 x 36 x 4
SL-RDWA-30-80V-208XP		203	8.0	4.5	.188	27.66	8	11-12.125	11.625	1 x 36 x 4
SL-RDWA-30-80H-208XP	256	8.0	4.5	.25	27.66	8	11-12.125	11.625	1 x 36 x 4	
SL-RDWA-35-80B-204XP	35	191	8.0	4.5	.156	32.66	4	11-12.125	11.625	1 x 36 x 4
SL-RDWA-35-80V-204XP		218	8.0	4.5	.188	32.66	4	11-12.125	11.625	1 x 36 x 4
SL-RDWA-35-80H-204XP		267	8.0	4.5	.250	32.66	4	11-12.125	11.625	1 x 36 x 4
SL-RDWA-35-10V-204XP		271	10.0	6.0	.188	32.66	4	14.25-16.25	14.5	1 x 40 x 6
SL-RDWA-35-80V-206XP		230	8.0	4.5	.188	32.66	6	11-12.125	11.625	1 x 36 x 4
SL-RDWA-35-80H-206XP		279	8.0	4.5	.250	32.66	6	11-12.125	11.625	1 x 36 x 4
SL-RDWA-35-10V-206XP		283	10.0	6.0	.188	32.66	6	14.25-16.25	14.5	1 x 40 x 6
SL-RDWA-35-80V-208XP		234	8.0	4.5	.188	32.66	8	11-12.125	11.625	1 x 36 x 4
SL-RDWA-35-80H-208XP		283	8.0	4.5	.250	32.66	8	11-12.125	11.625	1 x 36 x 4
SL-RDWA-35-10V-208XP		287	10.0	6.0	.188	32.66	8	14.25-16.25	14.5	1 x 40 x 6
SL-RDWA-39-80V-204XP	39	240	8.0	4.5	.188	36.66	4	11-12.125	11.625	1 x 36 x 4
SL-RDWA-39-80H-204XP		302	8.0	4.5	.250	36.66	4	11-12.125	11.625	1 x 36 x 4
SL-RDWA-39-80V-204XP		252	8.0	4.5	.188	36.66	6	11-12.125	11.625	1 x 36 x 4
SL-RDWA-39-80H-204XP		314	8.0	4.5	.250	36.66	6	11-12.125	11.625	1 x 36 x 4
SL-RDWA-39-10V-204XP		297	10.0	6.0	.188	36.66	6	14.25-16.25	14.5	1 x 40 x 6
SL-RDWA-39-10H-204XP		314	10.0	6.0	.250	36.66	6	14.25-16.25	14.5	1.25 x 48 x 6
SL-RDWA-39-80H-204XP		318	8.0	4.5	.250	36.66	8	11-12.125	11.625	1 x 36 x 4
SL-RDWA-39-10V-204XP		301	10.0	6.0	.188	36.66	8	14.25-16.25	14.5	1 x 40 x 6
SL-RDWA-39-10H-204XP		417	10.0	6.0	.250	36.66	8	14.5-16	14.5	1.25 x 48 x 6

Replace "X" with the following:
H - Hub-mounted
B - Bolt-mounted
S - Simplex-mounted
C - Clamp-mounted