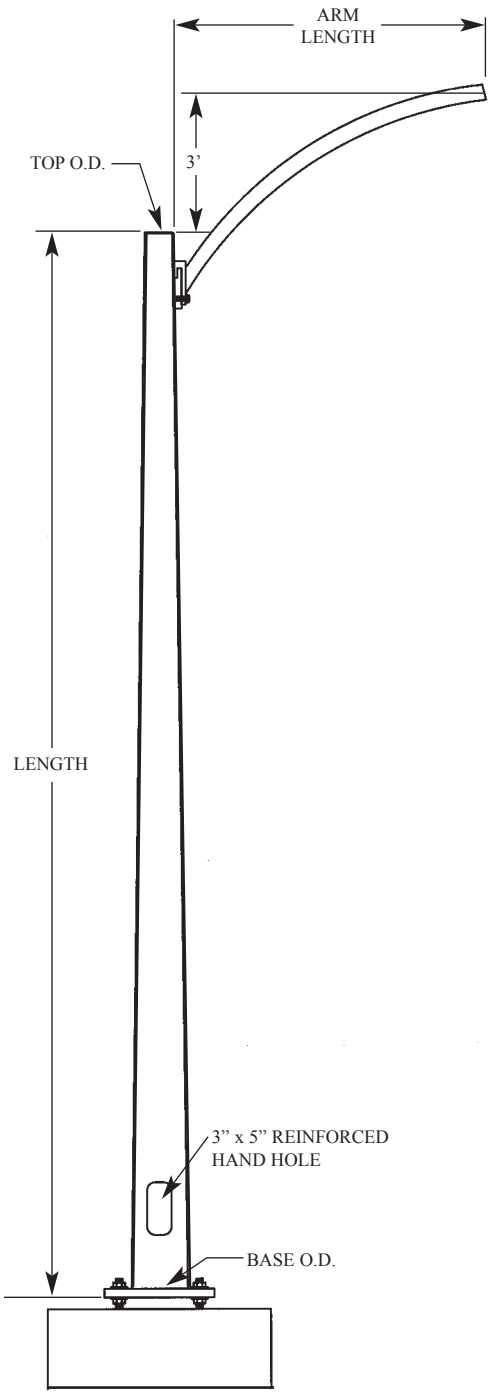
POLE

SEQUOIA LIGHTING SYSTEMS

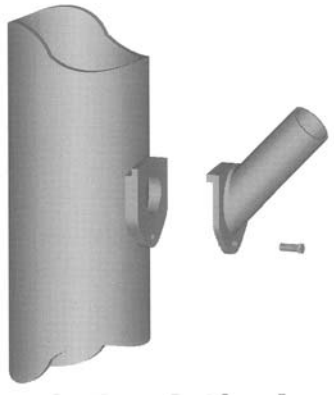
STEEL ARM

DESIGN
PST02

STEEL ARM 3' RISE

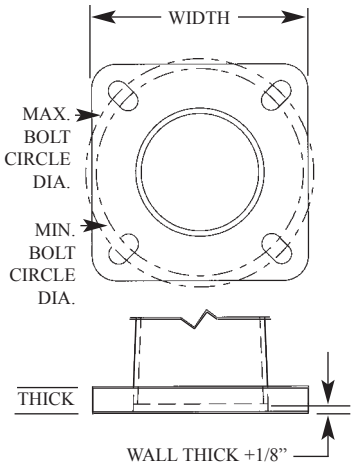


SINGLE BOLT SIMPLEX



SINGLE BOLT SIMPLEX

ANCHOR BOLT DATA



SPECIFICATIONS

The designed capacity of the tapered steel lighting shafts shall be calculated with loading in for 80 mile per hour wind zone, including a 1.3 gust factor (104 MPH), except the working stress has been limited to the minimum yield strength of the material. Design capacity calculations take into account the application of load in the final deflection position

MATERIALS

All steel tapered poles shall be fabricated from not less than the specified gauge of hot rolled commercial steel. It shall have a continuous taper of .14 inches per foot and meet a minimum yield strength of 55,000 PSI.

BASE PLATE

Base plate shall be fabricated from no less than 36,000 PSI minimum yield material. It shall telescope the shaft and be attached by means of two continuous welds, one on the inside of the base at the end of the shaft, and the other on the outside at the top of the base.

ARMS

Luminaire arms shall be fabricated from material having a minimum yield strength of 35,000 PSI. The pole end of the arm shall have a steel fitting welded to it which will permit the positioning of the arm on the plate of the pole held only by gravity, while the arm is secured to the pole by one cap screw .

FINISH

Each steel tapered pole is primered than painted with rust inhibiting finish. Pole shall be hot dip galvanized or primered and painted per the agencies specifications.

SEQUOIA LIGHTING
CORPORATION MANUFACTURERS OF QUALITY LIGHTING PRODUCTS

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STEEL STREET LIGHTING ARM

P3-Series

Pipe Luminaire Arm (3'Rise)

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)	Arm Length (ft)	Bolt Circle Range (in)	Plate Square (in)	Plate Thk. (in)	Dia x Lgth x Ht
SL-20-63-304PX	20	155	6.3	3.92	.1196	17	4	9.5-10.5	10.50	1.00	1 x 36 x 4
SL-20-63-306PX		161	6.3	3.92	.1196	17	6	9.5-10.5	10.50	1.00	1 x 36 x 4
SL-20-63-308PX		168	6.3	3.92	.1196	17	8	9.5-10.5	10.50	1.00	1 x 36 x 4
SL-25-70-304PX	25	199	7.0	3.92	.1196	22	4	10-11	11.00	1.00	1 x 36 x 4
SL-25-70-306PX		205	7.0	3.92	.1196	22	6	10-11	11.00	1.00	1 x 36 x 4
SL-25-70-308PX		212	7.0	3.92	.1196	22	8	10-11	11.00	1.00	1 x 36 x 4
SL-30-77-304PX	30	251	7.7	3.92	.1196	27	4	11-12	12.00	1.00	1 x 36 x 4
SL-30-77-306PX		257	7.7	3.92	.1196	27	6	11-12	12.00	1.00	1 x 36 x 4
SL-30-77-308PX		263	7.7	3.92	.1196	27	8	11-12	12.00	1.00	1 x 36 x 4
SL-35-84-304PX	35	304	8.4	3.92	.1196	32	4	11.5-12.5	12.50	1.00	1 x 36 x 4
SL-35-84-306PX		310	8.4	3.92	.1196	32	6	11.5-12.5	12.50	1.00	1 x 36 x 4
SL-35-84-308PX		317	8.4	3.92	.1196	32	8	11.5-12.5	12.50	1.00	1 x 36 x 4
SL-40-90-304PX	40	361	9.0	3.82	.1196	37	4	12.5-13.5	13.50	1.00	1 x 36 x 4
SL-40-90-306PX		367	9.0	3.82	.1196	37	6	12.5-13.5	13.50	1.00	1 x 36 x 4
SL-40-90-308PX		374	9.0	3.82	.1196	37	8	12.5-13.5	13.50	1.00	1 x 36 x 4
SL-45-10-304PX	45	442	10	4.12	.1196	42	4	13.5-14.5	14.50	1.00	1.25 x 42 x 6
SL-45-10-306PX		448	10	4.12	.1196	42	6	13.5-14.5	14.50	1.00	1.25 x 42 x 6
SL-45-10-308PX		455	10	4.12	.1196	42	8	13.5-14.5	14.50	1.00	1.25 x 42 x 6
SL-50-10-304PX	50	466	10	3.42	.1196	47	4	13.5-14.5	14.50	1.00	1.25 x 42 x 6
SL-50-10-306PX		472	10	3.42	.1196	47	6	13.5-14.5	14.50	1.00	1.25 x 42 x 6
SL-50-10-308PX		479	10	3.42	.1196	47	8	13.5-14.5	14.50	1.00	1.25 x 42 x 6

REPLACE X WITH 1,2,3 OR 4 TO INDICATE NUMBER OF ARMS PER POLE