

Camera Poles Technical Chart

CATALOG NUMBER SMOOTH GRAY	MOUNTING HEIGHT (Ft.)	POLE WEIGHT (Lbs.)	OVERALL LENGTH (Ft.)	POLE SIZE (in.)		EPA AT POLE TIP (Sq. Ft.)					ULTIMATE GROUND-LINE MOMENT (Ft. Lbs.)
				TIP	BUTT	90 MPH	110 MPH	130 MPH	140 MPH	160 MPH	
253602-CP	20.5	1,703	25.0	6.0	10.06	132	85	58	49	35	48,200
254602-CP	20.5	2,424	25.0	7.63	11.69	194	126	87	73	54	70,200
304602-CP	25.0	3,213	30.0	7.63	12.50	214	139	96	81	59	99,300
303602-CP	25.0	2,264	30.0	6.0	10.88	121	77	52	43	31	57,700
353602-CP	29.5	2,914	35.0	6.0	11.69	114	72	48	39	27	67,800
354602-CP	29.5	4,068	35.0	7.63	13.31	200	129	88	73	52	115,300
403602-CP	34.0	3,660	40.0	6.0	12.50	109	68	44	36	24	78,600
404602-CP	34.0	5,032	40.0	7.63	14.13	190	121	81	67	47	131,800
453602-CP	37	4,4574	45	6.00	13.31	134	84	55	45	31	106,100
454602-CP	37	6,116	45	7.62	14.94	184	116	77	64	44	143,300
503602-CP	42	5,538	50	6.00	14.13	132	82	53	43	28	124,000
504602-CP	42	7,318	50	7.62	15.75	178	111	73	60	40	164,700
553602-CP	46	6,618	55	6.00	14.94	130	80	51	41	26	139,200
554602-CP	46	8,648	55	7.62	16.56	173	107	69	56	37	182,100
603602-CP	51	7,820	60	6.00	15.75	129	78	49	39	24	159,400
604602-CP	51	10,116	60	7.62	17.38	166	101	64	51	32	202,100
653602-CP	55	9,151	65	6.00	16.56	129	77	47	37	22	176,900
703602CP	60	10,617	70	6.00	17.38	126	74	44	34	19	197,500

General Information

1. Different colors, finishes and exposed aggregates are available upon request.
2. Longer lengths of poles available upon request.
3. All corners are chamfered.
4. 7,000 PSI concrete is standard; higher strengths are available if required.
5. STRENGTH: In most cases a higher ground line moment and a higher breaking strength and EPA can be attained without going to a larger pole.
6. EFFECTIVE PROJECTED AREA (EPA): Lonestar Prestress Mfg. concrete poles and mounting arms have been designed in accordance with accepted engineering practices to be structurally capable of withstanding wind loads and velocity pressure per ASCE 7-05. Poles to meet higher wind loads are available.
7. HOLES: Holes are precast to meet your specifications and requirements for mounting attachments, most any desired arrangement can be provided. Contact Lonestar Prestress Mfg. for any questions about field drilling light poles.
8. INSTALLATION: Lonestar Prestress Mfg. concrete poles are designed for setting directly into the ground, without the use of precast foundations, similar to the setting of wood poles. After the hole is drilled, the pole is set and plumbed, the earth is then backfilled and tamped. The depth is dependent on the nature of the soil and the anticipated load. Where it is impossible to embed the poles in the ground, such as on bridges or overpasses, a bolt-down base plate is available.
9. To specify a base plate for base mounted poles add the suffix BP to catalog numbers. Customer to supply the bolt circle drawings or template.

