

# New Large Format Lenses for 6x9cm (106 mm Diagonal)

Sorted by Focal Length, Image Circle

Michael K.

Maker	Model	Focal Lngth (mm)	Max. Apert.	Min. Apert.	Image Circle @ f/22	6x9cm Excess Covg.	6x9cm Excess Cvrg %	6x9cm Max. Rise Landscp	6x9cm Max. Rise Portrait	6x9 Front Tilt Deg. Landscp	6x9 Front Tilt Deg. Portrait	6x9cm Equiv. to 35	Angle of Cvrg	Shtr Size	Wt. (g)	Wt. (lb)
Rodenstock	APO-Grandagon N (specs @ f/11)	35	f/4.5	f/22	125	19.0	15.20	15.37	10.88	23.71	17.26	15	120	0	300	0.66
Schneider	Super-Angulon XL	38	f/5.6	f/32	137	31.0	22.63	23.65	17.52	31.89	24.75	16	120	0	270	0.60
Rodenstock	APO-Grandagon N (specs @ f/11)	45	f/4.5	f/32	131	25.0	19.08	19.59	14.21	23.53	17.53	19	110	0	350	0.77
Schneider	Super-Angulon XL	47	f/5.6	f/32	166	60.0	36.14	41.74	33.13	41.61	35.18	20	120	0	310	0.68
Schneider	Super-Angulon	47	f/5.6	f/32	123	17.0	13.82	13.92	9.76	16.50	11.73	20	105	0	235	0.52
Rodenstock	APO-Grandagon N (specs @ f/11)	55	f/4.5	f/45	163	57.0	34.97	39.95	31.54	35.99	29.83	24	110	0	400	0.88
Schneider	Super-Angulon XL	58	f/5.6	f/32	166	60.0	36.14	41.74	33.13	35.74	29.74	25	110	0	320	0.71
Rodenstock	Grandagon N	65	f/4.5	f/45	170	64.0	37.65	44.11	35.26	34.16	28.48	28	105	0	330	0.73
Nikon	Nikkor SW (specs @ f/16)	65	f/4	f/45	170	64.0	37.65	44.11	35.26	34.16	28.48	28	105	0	370	0.82
Schneider	Super-Angulon	65	f/5.6	f/45	170	64.0	37.65	44.11	35.26	34.16	28.48	28	105	0	340	0.75
Fuji	Fujinon SWD	65	f/5.6	?	169	63.0	37.28	43.52	34.73	33.80	28.11	28	105	0	315	0.69
Schneider	Super-Angulon XL	72	f/5.6	f/45	226	120.0	53.10	75.65	64.48	46.42	41.84	31	115	0	557	1.23
Nikon	Nikkor SW (specs @ f/16)	75	f/4.5	f/45	200	94.0	47.00	61.30	51.00	39.26	34.22	32	106	0	420	0.93
Schneider	Super-Angulon	75	f/5.6	f/45	198	92.0	46.46	60.18	49.96	38.74	33.67	32	105	0	380	0.84
Fuji	Fujinon SWD	75	f/5.6	f/45	196	90.0	45.92	59.06	48.91	38.22	33.11	32	105	0	400	0.88
Rodenstock	Grandagon N	75	f/4.5	f/45	195	89.0	45.64	58.49	48.39	37.95	32.83	32	105	0	440	0.97
Rodenstock	Grandagon N	75	f/6.8	f/45	187	81.0	43.32	53.96	44.21	35.73	30.52	32	102	0	340	0.75
Schneider	Super-Symmar XL	80	f.4.5	f/32	212	106.0	50.00	67.97	57.24	40.35	35.58	34	105	0	271	0.60
Schneider	Super-Angulon XL	90	f/5.6	f/45	259	153.0	59.07	93.43	81.44	46.07	42.14	39	110	0	665	1.47
Fuji	Fujinon SWD	90	f/5.6	f/64	236	130.0	55.08	81.08	69.63	42.02	37.73	39	105	0	605	1.33
Rodenstock	Grandagon N	90	f/4.5	f/45	236	130.0	55.08	81.08	69.63	42.02	37.73	39	105	1	700	1.54
Nikon	Nikkor SW	90	f/8	f/64	235	129.0	54.89	80.54	69.12	41.83	37.52	39	105	0	360	0.79
Nikon	Nikkor SW (specs @ f/16)	90	f/4.5	f/45	235	129.0	54.89	80.54	69.12	41.83	37.52	39	105	0	600	1.32
Schneider	Super-Angulon	90	f/5.6	f/45	235	129.0	54.89	80.54	69.12	41.83	37.52	39	105	0	570	1.26
Rodenstock	Grandagon N	90	f/6.8	f/45	221	115.0	52.04	72.92	61.89	39.02	34.52	39	102	0	460	1.01
Fuji	Fujinon SW	90	f/8	f/45	216	110.0	50.93	70.18	59.31	37.95	33.38	39	100	0	407	0.90
Schneider	Super-Angulon	90	f/8	f/45	216	110.0	50.93	70.18	59.31	37.95	33.38	39	100	0	390	0.86
Rodenstock	APO-Sironar N	100	f/5.6	f/64	151	45.0	29.80	32.62	25.12	18.07	14.10	43	72	0	170	0.37
Schneider	APO-Symmar	100	f/5.6	f/64	145	39.0	26.90	28.84	21.87	16.09	12.34	43	72	0	165	0.36
Fuji	Fujinon SW	105	f/8	f/45	250	144.0	57.60	88.62	76.82	40.16	36.19	45	100	0	570	1.26
Fuji	Fujinon CM-W	105	f/5.6	f/45	174	68.0	39.08	46.46	37.37	23.87	19.59	45	78	0	220	0.49
Nikon	Nikkor W	105	f/5.6	f/45	155	49.0	31.61	35.10	27.27	18.48	14.56	45	73	0	185	0.41
Schneider	Super-Symmar XL	110	f/5.6	f/45	288	182.0	63.19	108.79	96.25	44.68	41.19	47	105	1	425	0.94
Rodenstock	Grandagon N	115	f/6.8	f/45	291	185.0	63.57	110.37	97.78	43.82	40.37	49	104	1	740	1.63
Nikon	Nikkor SW	120	f/8	f/64	312	206.0	66.03	121.37	108.47	45.32	42.11	51	105	0	610	1.34
Schneider	Super-Angulon	120	f/8	f/64	288	182.0	63.19	108.79	96.25	42.19	38.73	51	100	0	700	1.54
Schneider	Super-Symmar HM	120	f/5.6	f/64	211	105.0	49.76	67.42	56.72	29.33	25.30	51	82	0	370	0.82

Schneider	APO-Symmar	120	f/5.6	f/64	179	73.0	40.78	49.36	40.01	22.36	18.44	51	72	0	200	0.44
Fuji	Fujinon SW	125	f/8	f/45	280	174.0	62.14	104.57	92.17	39.91	36.40	54	96	0	745	1.64
Fuji	Fujinon CM-W	125	f/5.6	f/64	204	98.0	48.04	63.54	53.08	26.94	23.01	54	78	0	265	0.58
Fuji	Fujinon CM-W	135	f/5.6	f/64	214	108.0	50.47	69.08	58.27	27.10	23.35	58	76	0	270	0.60
Rodenstock	APO-Sironar S	135	f/5.6	f/64	208	102.0	49.04	65.76	55.16	25.97	22.22	58	75	0	240	0.53
Rodenstock	APO-Sironar N	135	f/5.6	f/64	200	94.0	47.00	61.30	51.00	24.42	20.70	58	72	0	210	0.46
Nikon	Nikkor W	135	f/5.6	f/64	200	94.0	47.00	61.30	51.00	24.42	20.70	58	73	0	200	0.44
Schneider	APO-Symmar	135	f/5.6	f/64	195	89.0	45.64	58.49	48.39	23.43	19.72	58	72	0	205	0.45
Nikon	Nikkor SW	150	f/8	f/64	400	294.0	73.50	166.87	153.03	48.05	45.57	64	106	1	1050	2.31
Schneider	Super-Symmar XL	150	f/5.6	f/64	386	280.0	72.54	159.68	145.96	46.79	44.22	64	105	1	740	1.63
Schneider	Super-Symmar HM	150	f/5.6	f/64	254	148.0	58.27	90.76	78.87	31.18	27.74	64	80	1	740	1.63
Rodenstock	APO-Sironar W	150	f/5.6	f/45	252	146.0	57.94	89.69	77.85	30.88	27.43	64	80	1	?	?
Rodenstock	APO-Sironar S	150	f/5.6	f/64	231	125.0	54.11	78.37	67.05	27.59	24.09	64	75	0	250	0.55
Fuji	Fujinon CM-W	150	f/5.6	f/64	223	117.0	52.47	74.02	62.93	26.26	22.76	64	73	0	280	0.62
Schneider	APO-Symmar	150	f/5.6	f/64	220	114.0	51.82	72.37	61.38	25.76	22.25	64	72	0	250	0.55
Rodenstock	APO-Sironar N	150	f/5.6	f/64	214	108.0	50.47	69.08	58.27	24.73	21.23	64	72	0	220	0.49
Nikon	Nikkor W	150	f/5.6	f/64	210	104.0	49.52	66.87	56.20	24.03	20.54	64	70	0	230	0.51
Schneider	G-Claron	150	f/9	f/64	189	83.0	43.92	55.10	45.26	20.17	16.79	64	64	0	230	0.51
Schneider	Xenar	150	f/5.6	f/45	173	67.0	38.73	45.87	36.84	17.00	13.80	64	60	0	170	0.37
Rodenstock	APO-Ronar	150	f/9	f/64	135	29.0	21.48	22.31	16.42	8.46	6.25	64	48	0	?	?
Rodenstock	Grandagon N	155	f/6.8	f/45	382	276.0	72.25	157.62	143.94	45.48	42.88	66	102	1	1460	3.22
Schneider	Super-Angulon	165	f/8	f/64	395	289.0	73.16	164.31	150.51	44.88	42.37	71	100	3	1605	3.54
Rodenstock	APO-Sironar S	180	f/5.6	f/64	276	170.0	61.59	102.46	90.13	29.65	26.60	77	75	1	410	0.90
Schneider	APO-Symmar	180	f/5.6	f/64	263	157.0	59.70	95.56	83.48	27.96	24.88	77	72	0	385	0.85
Rodenstock	APO-Sironar N	180	f/5.6	f/64	262	156.0	59.54	95.03	82.97	27.83	24.75	77	72	1	400	0.88
Fuji	Fujinon CM-W	180	f/5.6	f/64	260	154.0	59.23	93.96	81.95	27.57	24.48	77	71	1	405	0.89
Nikon	Nikkor W	180	f/5.6	f/64	253	147.0	58.10	90.23	78.36	26.62	23.53	77	70	1	380	0.84
Fuji	Fujinon A	180	f/9	f/90	252	146.0	57.94	89.69	77.85	26.49	23.39	77	70	0	170	0.37
Rodenstock	Grandagon N	200	f/6.8	f/64	495	389.0	78.59	215.37	200.91	47.12	45.13	86	102	3	?	?
Nikon	Nikkor M	200	f/8	f/64	210	104.0	49.52	66.87	56.20	18.49	15.69	86	55	0	180	0.40
Schneider	Super-Symmar XL	210	f/5.6	f/64	500	394.0	78.80	217.92	203.43	46.06	44.09	90	100	3	2002	4.41
Schneider	Super-Angulon	210	f/8	f/90	500	394.0	78.80	217.92	203.43	46.06	44.09	90	100	3	3065	6.76
Schneider	Super-Symmar HM	210	f/5.6	f/64	356	250.0	70.22	144.22	130.78	34.48	31.91	90	80	3	1510	3.33
Rodenstock	APO-Sironar W	210	f/5.6	f/64	352	246.0	69.89	142.15	128.76	34.09	31.51	90	80	3	950	2.09
Rodenstock	APO-Sironar S	210	f/5.6	f/64	316	210.0	66.46	123.46	110.50	30.45	27.75	90	75	1	490	1.08
Fuji	Fujinon CM-W	210	f/5.6	f/64	309	203.0	65.70	119.80	106.94	29.70	26.99	90	72	1	505	1.11
Schneider	APO-Symmar	210	f/5.6	f/64	305	199.0	65.25	117.71	104.91	29.27	26.54	90	72	1	590	1.30
Rodenstock	APO-Sironar N	210	f/5.6	f/64	301	195.0	64.78	115.61	102.87	28.83	26.10	90	72	1	440	0.97
Nikon	Nikkor W	210	f/5.6	f/64	295	189.0	64.07	112.47	99.82	28.17	25.42	90	70	1	460	1.01
Schneider	G-Claron	210	f/9	f/64	260	154.0	59.23	93.96	81.95	24.11	21.32	90	64	1	285	0.63
Schneider	Xenar	210	f/6.1	f/45	249	143.0	57.43	88.08	76.31	22.76	19.97	90	60	1	375	0.83
Rodenstock	APO-Sironar S	240	f/5.6	f/64	372	266.0	71.51	152.47	138.88	32.43	30.06	103	75	3	980	2.16
Schneider	APO-Symmar	240	f/5.6	f/64	352	246.0	69.89	142.15	128.76	30.64	28.21	103	72	3	820	1.81

Rodenstock	APO-Sironar N	240	f/5.6	f/64	350	244.0	69.71	141.12	127.75	30.45	28.03	103	72	3	780	1.72
Fuji	Fujinon A	240	f/9	f/90	336	230.0	68.45	133.86	120.65	29.15	26.69	103	70	0	225	0.50
Nikon	Nikkor W	240	f/5.6	f/64	336	230.0	68.45	133.86	120.65	29.15	26.69	103	70	3	820	1.81
Schneider	G-Claron	240	f/9	f/64	298	192.0	64.43	114.04	101.35	25.42	22.89	103	64	1	330	0.73
Rodenstock	APO-Ronar	240	f/9	f/90	212	106.0	50.00	67.97	57.24	15.81	13.41	103	48	1	?	?
Fuji	Fujinon CM-W	250	f/6.3	f/90	320	214.0	66.88	125.54	112.53	26.66	24.23	107	65	1	510	1.12
Schneider	Tele-Arton	250	f/5.6	f/90	158	52.0	32.91	36.93	28.87	8.40	6.59	107	35	1	810	1.79
Schneider	G-Claron	270	f/9	f/90	335	229.0	68.36	133.34	120.14	26.28	23.99	116	64	1	375	0.83
Nikon	Nikkor T ED	270	f/6.3	f/64	160	54.0	33.75	38.14	29.94	8.04	6.33	116	33	1	590	1.30
Rodenstock	APO-Sironar W	300	f/5.6	f/64	490	384.0	78.37	212.83	198.39	35.35	33.48	129	80	3	1610	3.55
Rodenstock	APO-Sironar S	300	f/5.6	f/64	448	342.0	76.34	191.43	177.24	32.54	30.58	129	75	3	1210	2.67
Schneider	APO-Symmar	300	f/5.6	f/64	425	319.0	75.06	179.68	165.65	30.92	28.91	129	72	3	1155	2.55
Rodenstock	APO-Sironar N	300	f/5.6	f/64	425	319.0	75.06	179.68	165.65	30.92	28.91	129	72	3	1040	2.29
Nikon	Nikkor W	300	f/5.6	f/64	420	314.0	74.76	177.12	163.12	30.56	28.54	129	70	3	1250	2.76
Fuji	Fujinon CM-W	300	f/5.6	f/90	412	306.0	74.27	173.02	159.09	29.97	27.94	129	69	3	965	2.13
Fuji	Fujinon C	300	f/8.5	f/64	380	274.0	72.11	156.59	142.93	27.56	25.47	129	66	1	250	0.55
Nikon	Nikkor M	300	f/9	f/128	325	219.0	67.38	128.14	115.07	23.13	20.99	129	57	1	290	0.64
Rodenstock	APO-Ronar	300	f/9	f/90	264	158.0	59.85	96.09	84.00	17.76	15.64	129	48	1	?	?
Fuji	Fujinon T	300	f/8	f/64	213	107.0	50.23	68.53	57.75	12.87	10.90	129	39	1	415	0.91
Schneider	G-Claron	305	f/9	f/90	381	275.0	72.18	157.11	143.43	27.25	25.19	131	64	1	460	1.01
Schneider	G-Claron	355	f/9	f/90	444	338.0	76.13	189.39	175.23	28.08	26.27	152	64	3	855	1.88
Nikon	Nikkor W	360	f/6.5	f/64	494	388.0	78.54	214.87	200.41	30.83	29.10	154	69	3	1420	3.13
Schneider	APO-Symmar	360	f/6.8	f/64	491	385.0	78.41	213.34	198.90	30.65	28.92	154	70	3	1410	3.11
Fuji	Fujinon CM-W	360	f/6.5	f/90	485	379.0	78.14	210.29	195.88	30.29	28.55	154	68	3	1175	2.59
Rodenstock	APO-Sironar S	360	f/6.8	f/64	468	362.0	77.35	201.63	187.32	29.25	27.49	154	68	3	1560	3.44
Rodenstock	APO-Sironar N	360	f/6.8	f/64	435	329.0	75.63	184.79	170.69	27.17	25.37	154	64	3	1560	3.44
Rodenstock	APO-Ronar	360	f/9	f/90	318	212.0	66.67	124.50	111.52	19.08	17.21	154	48	3	?	?
Nikon	Nikkor T ED	360	f/8	f/64	210	104.0	49.52	66.87	56.20	10.52	8.87	154	33	1	800	1.76
Schneider	APO-Tele-Xenar HM	400	f/5.6	f/90	250	144.0	57.60	88.62	76.82	12.49	10.87	171	35	3	1270	2.80
Schneider	APO-Tele-Xenar HM Compact	400	f/5.6	f/64	249	143.0	57.43	88.08	76.31	12.42	10.80	171	35.8	3	916	2.02
Fuji	Fujinon T	400	f/8	f/64	220	114.0	51.82	72.37	61.38	10.26	8.72	171	31	1	600	1.32
Fuji	Fujinon CM-W	450	f/8	f/90	520	414.0	79.62	228.08	213.49	26.88	25.38	193	60	3	1140	2.51
Fuji	Fujinon C	450	f/12.5	f/64	486	380.0	78.19	210.80	196.38	25.10	23.58	193	57	1	270	0.60
Nikon	Nikkor M	450	f/9	f/128	440	334.0	75.91	187.35	173.21	22.60	21.05	193	52	3	640	1.41
Schneider	APO-Symmar	480	f/8.4	f/64	500	394.0	78.80	217.92	203.43	24.42	22.97	206	56	3	1680	3.70
Rodenstock	APO-Sironar N	480	f/8.4	f/90	500	394.0	78.80	217.92	203.43	24.42	22.97	206	56	3	2299	5.07
Rodenstock	APO-Ronar	480	f/9	f/90	396	290.0	73.23	164.82	151.01	18.95	17.46	206	46	3	?	?
Nikon	Nikkor T ED	500	f/11	f/64	210	104.0	49.52	66.87	56.20	7.62	6.41	214	24	1	760	1.68
Fuji	Fujinon C	600	f/11.5	f/90	620	514.0	82.90	278.72	263.73	24.92	23.73	257	55	3	575	1.27
Nikon	Nikkor T ED	600	f/9	f/64	310	204.0	65.81	120.32	107.45	11.34	10.15	257	29	3	?	?
Fuji	Fujinon T	600	f/12	f/90	260	154.0	59.23	93.96	81.95	8.90	7.78	257	24	1	1000	2.20
Nikon	Nikkor T ED	720	f/16	f/64	210	104.0	49.52	66.87	56.20	5.31	4.46	309	17	3	780	1.72
Schneider	APO-Tele Xenar HM	800	f/12	f/128	500	394.0	78.80	217.92	203.43	15.24	14.27	343	35	3	2500	5.51

Nikon	Nikkor T ED	800	f/12	f/64	310	204.0	65.81	120.32	107.45	8.55	7.65	343	22	3	1600	3.53
Nikon	Nikkor T ED	1200	f/18	f/64	310	204.0	65.81	120.32	107.45	5.73	5.12	514	15	3	1480	3.26

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<b>Filt. Size (mm)</b>	<b>Street Price</b>	<b>Center Filter Price</b>
67	\$1,199.00	\$529.95
72	\$1,379.95	\$364.95
58	\$999.95	\$359.00
67	\$1,328.00	\$364.95
52	\$982.00	\$281.95
67	\$1,139.95	\$529.95
67	\$1,144.00	\$364.95
58	\$1,199.00	\$299.00
67	\$1,079.95	
67	\$1,199.00	\$364.95
67	\$1,095.00	
95	\$1,444.00	\$499.95
67	\$1,229.95	
67	\$1,269.00	\$364.95
67	\$1,225.00	
67	\$1,169.95	\$439.95
58	\$749.00	\$359.00
67	\$1,549.90	\$364.95
95	\$1,559.00	\$499.95
82	\$1,295.00	
82	\$1,300.00	\$576.00
67	\$839.95	
82	\$1,319.95	
82	\$1,409.00	\$499.95
67	\$919.00	\$439.95
67	\$795.00	
67	\$949.00	\$474.95
40.5	\$499.00	
40.5	\$556.95	
77	\$1,195.00	
67	\$645.00	
52	\$499.95	
67	\$1,669.00	\$429.95
82	\$1,444.95	\$576.00
77	\$1,129.95	
82	\$1,386.00	\$474.95
67	\$1,269.00	

49	\$652.00	
82	\$1,195.00	
67	\$645.00	
67	\$695.00	
49	\$639.00	
40.5	\$539.00	
52	\$599.95	
49	\$669.00	
95	\$2,299.95	
95	\$2,124.00	\$429.95
77	\$1,652.00	
70	\$1,149.00	
49	\$679.95	
67	\$695.00	
58	\$609.95	
49	\$559.00	
52	\$559.95	
35.5	\$519.00	
34	\$399.00	
40.5	\$669.00	
105	\$2,948.95	\$1,039.00
110	\$3,234.00	\$1,079.95
67	\$820.00	
58	\$866.00	
58	\$739.00	
67	\$795.00	
67	\$649.95	
46	\$725.00	
135	\$4,499.00	\$1,269.00
52	\$619.95	
135	\$2,829.95	
127	\$5,195.00	\$1,139.95
100	\$2,656.00	
100	\$1,799.00	
72	\$959.95	
67	\$875.00	
72	\$899.00	
58	\$715.00	
67	\$679.95	
49	\$711.00	
46	\$637.95	
86	\$1,660.00	
77	\$1,298.00	

77	\$1,349.00
52	\$750.00
82	\$1,199.95
52	\$764.00
49	\$1,189.95
67	\$975.00
67	\$1,470.00
58	\$954.00
67	\$1,489.95
127	\$2,998.95
100	\$1,999.95
105	\$1,748.00
86	\$1,849.00
95	\$1,559.95
77	\$1,595.00
52	\$725.00
52	\$709.95
49	\$1,231.95
67	\$850.00
67	\$954.00
77	\$1,499.00
95	\$1,649.95
112	\$1,939.00
86	\$1,925.00
112	\$2,484.95
105	\$1,948.95
58	\$1,499.00
67	\$1,929.95
100	\$4,510.00
82	\$2,219.95
67	\$1,095.00
86	\$2,225.00
52	\$995.00
67	\$2,429.00
105	\$2,429.00
112	\$3,164.50
67	\$2,236.50
67	\$1,989.95
67	\$1,595.00
95	\$2,699.95
67	\$1,595.00
67	\$2,089.95
135	\$8,873.95

95	\$2,949.95
95	\$2,299.95