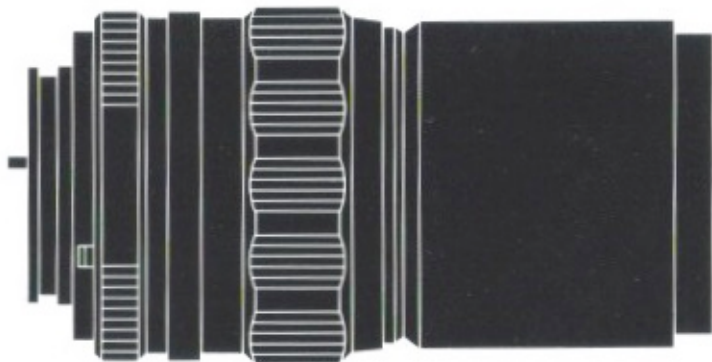


MINOLTA MC ROKKOR LENSES DEPTH-OF-FIELD CHART



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16mm F2.8 MC FISHEYE ROKKOR LENS

(in feet)

Dist. / f No.	2.8	4	5.6	8	11	16	22
∞	9' 4 1/8"	6' 8 1/4"	4' 9 1/2"	3' 5 1/4"	2' 6 1/4"	1' 10"	1' 4 3/8"
6	15' 8" 3' 9 3/8"	50' 8" 3' 3 1/2"	2' 9 1/4"	2' 3 3/4"	1' 11"	1' 6 1/4"	1' 2 3/8"
3	4' 1 3/8" 2' 4 3/8"	5' 0" 2' 2 1/2"	7' 3/8" 2' 0"	17' 6" 1' 8 3/4"	1' 6"	1' 3 3/4"	1' 1/4"
2	2' 4 3/8" 1' 8 3/8"	2' 7 1/2" 1' 7 3/8"	3' 3/8" 1' 6 1/4"	4' 0" 1' 4 3/4"	7' 2 1/2" 1' 3"	1' 1 3/8"	11 3/8"
1.5	1' 8 1/4" 1' 4 1/4"	1' 9 3/4" 1' 3 3/4"	1' 11 3/4" 1' 2 3/4"	2' 3" 1' 1 3/4"	2' 11" 1' 3/4"	5' 2" 11 1/2"	∞ 10 1/4"
1.25	1' 4 3/8" 1' 1 3/8"	1' 5" 1' 1 3/8"	1' 6 3/8" 1' 3/8"	1' 8" 1' 1/4"	2' 0" 11 3/8"	2' 8 1/2" 10 3/8"	6' 4 3/8" 9 3/8"
1	1' 3/8" 11 3/8"	1' 1" 11 1/4"	1' 1 3/8" 10 1/4"	1' 2 3/8" 10 3/8"	1' 4" 9 3/8"	1' 7" 9 1/4"	2' 2 1/2" 8 3/8"

16mm F2.8 MC FISHEYE ROKKOR LENS

(in meters)

Dist. / f No.	2.8	4	5.6	8	11	16	22
∞	2.85	2.04	1.46	1.06	0.77	0.57	0.42
2	6.26 1.21	71.2 1.05	∞ 0.89	∞ 0.73	∞ 0.59	∞ 0.47	∞ 0.37
1	1.45 0.77	1.80 0.71	2.77 0.63	12.8 0.55	∞ 0.48	∞ 0.40	∞ 0.33
0.7	0.88 0.59	0.98 0.55	1.19 0.51	1.73 0.46	5.20 0.41	∞ 0.35	∞ 0.30
0.5	0.57 0.45	0.61 0.43	0.68 0.40	0.81 0.37	1.11 0.34	2.65 0.31	∞ 0.27
0.4	0.44 0.37	0.46 0.36	0.49 0.34	0.55 0.32	0.66 0.30	0.96 0.27	3.07 0.25
0.3	0.318 0.284	0.327 0.278	0.340 0.270	0.361 0.260	0.397 0.248	0.468 0.233	0.642 0.215

28mm F2.5 AND F3.5 MC W-ROKKOR LENSES

(in feet)

Dist. - F No.	2.5	3.5	4	5.6	8	11	16
∞	31'	22' 3"	19' 11"	14' 2"	10' 1"	7' 2"	5' 2"
20	55' 1" 12' 3"	188' 10' 8"	10' 1"	8' 4 1/2"	6' 9 1/2"	5' 4 1/2"	4' 2"
10	14' 6" 7' 7 1/2"	17' 9" 6' 11 1/4"	19' 6" 6' 9 1/2"	32' 5" 6' 0"	5' 1 1/2"	4' 3 1/2"	3' 6 1/2"
7	8' 11" 5' 9 3/4"	10' 0" 5' 4 1/2"	10' 6" 5' 3 1/2"	13' 3 1/4" 4' 9 1/2"	21' 4" 4' 3"	17' 1" 3' 8"	3' 1"
5	5' 10" 4' 4 1/2"	6' 3 3/4" 4' 1 1/2"	6' 6" 5' 0"	7' 5 1/2" 3' 9 1/2"	9' 4 1/2" 3' 5 1/2"	14' 10" 3' 1/2"	10' 1" 2' 7"
4	4' 6 1/2" 3' 7 1/2"	4' 9 1/2" 3' 5 1/2"	4' 10 1/2" 3' 4 1/2"	5' 4 1/2" 3' 2 1/2"	6' 3 1/2" 3' 0"	8' 3 1/2" 2' 8 1/2"	15' 4" 2' 4 1/2"
3	3' 9 1/2" 2' 8 1/2"	3' 4 3/4" 2' 8 1/2"	3' 5 1/2" 2' 7 1/2"	3' 8" 2' 6 1/2"	4' 1/2" 2' 4 1/2"	4' 9" 2' 2 1/2"	6' 4 1/2" 2 1/2"
2.5	2' 8 1/2" 2' 4 1/2"	2' 9 1/2" 2' 3 1/2"	2' 9 1/2" 2' 3 1/2"	2' 11 1/2" 2' 2 1/2"	3' 1 1/2" 2' 1"	3' 6 1/2" 1' 11"	4' 3 1/2" 1' 9 1/2"
2	2' 1 1/2" 1' 11"	2' 1" 1' 10 1/2"	2' 2" 1' 10 1/2"	2' 3" 1' 9 1/2"	2' 4 1/2" 1' 8 1/2"	2' 6" 1' 7 1/2"	2' 11 1/2" 1' 6 1/2"
1.5	1' 6" 1' 5 1/2"	1' 6 1/2" 1' 5 1/2"	1' 7" 1' 5 1/2"	1' 7 1/2" 1' 4 1/2"	1' 8 1/2" 1' 4 1/2"	1' 9 1/2" 1' 3 1/2"	1' 11" 1' 3"

28mm F2.5 AND F3.5 MC W-ROKKOR LENSES

(in meters)

Dist. - F No.	2.5	3.5	4	5.6	8	11	16
∞	9.45	6.78	6.07	4.31	3.07	2.19	1.57
5	10.4 3.31	18.5 2.94	27 2.78	∞ 2.35	∞ 1.94	∞ 1.56	∞ 1.22
3	4.32 2.31	5.35 2.13	5.75 2.04	9.37 1.81	90.8 1.56	∞ 1.30	∞ 1.06
2	2.49 1.67	2.78 1.57	2.90 1.53	3.58 1.40	5.36 1.25	18.9 1.08	∞ 0.92
1.5	1.75 1.31	1.89 1.25	1.94 1.23	2.21 1.14	2.76 1.04	4.31 0.93	22.6 0.81
1.2	1.35 1.08	1.43 1.04	1.46 1.02	1.60 0.97	1.86 0.90	2.43 0.81	4.37 0.72
1.0	1.10 0.92	1.15 0.89	1.17 0.88	1.25 0.84	1.40 0.78	1.69 0.72	2.42 0.65
0.8	0.86 0.75	0.89 0.74	0.90 0.73	0.95 0.70	1.03 0.66	1.17 0.62	1.45 0.57
0.6	0.63 0.57	0.65 0.56	0.65 0.56	0.67 0.54	0.71 0.52	0.77 0.50	0.87 0.47
0.5	0.52 0.48	0.53 0.47	0.53 0.47	0.55 0.46	0.57 0.45	0.60 0.43	0.66 0.41

35mm F1.8 AND F2.8 MC W-ROKKOR LENSES

(in feet)

	1.8	2.8	4	5.6	8	11	16
∞	65' 9"	42' 10"	30' 4"	21' 6"	15' 3"	10' 11"	7' 9"
20	28' 6" 15' 5"	36' 11" 13' 9"	57' 2" 12' 2"	256' 10' 6"	∞ 8' 10"	∞ 7' 2"	∞ 5' 8 1/2"
10	11' 8" 8' 8 1/2"	12' 10" 8' 2 1/4"	14' 7" 7' 7 1/2"	18' 1" 6' 11"	27' 6" 6' 2 1/4"	105' 5' 4 1/4"	∞ 4' 6"
7	7' 9 1/2" 7' 4 1/2"	8' 3 1/8" 6' 1"	8' 11" 5' 9 1/2"	10' 1" 5' 4 1/2"	12' 4 1/2" 4' 11"	18' 4" 4' 4 1/4"	58' 11" 3' 9 1/2"
5	5' 4 1/2" 4' 8 1/2"	5' 7" 4' 6 1/2"	5' 10" 4' 4 1/2"	6' 4 1/2" 4' 1 1/2"	7' 1 1/2" 3' 11"	8' 8 1/4" 3' 6 1/2"	12' 9" 3' 2"
4	4' 2" 3' 9 1/2"	4' 4 1/2" 3' 3 1/2"	4' 6 1/2" 3' 7"	4' 9 1/2" 3' 5 1/2"	5' 2 1/2" 3' 3 1/4"	6' 0" 3' 0"	7' 7" 2' 9 1/2"
3	3' 1 1/2" 2' 11"	3' 2 1/4" 2' 10"	3' 3 1/2" 2' 9 1/2"	3' 4 1/2" 2' 8 1/2"	3' 7 1/4" 2' 7"	3' 11" 2' 5 1/4"	4' 6 1/2" 2' 3 1/2"
2.5	2' 6" 2' 5 1/2"	2' 7 1/2" 2' 4"	2' 8 1/2" 2' 4 1/2"	2' 9 1/2" 2' 3 1/2"	2' 11" 2' 2 1/2"	4' 0" 2' 1 1/2"	3' 5" 1' 11"
2	2' 1 1/2" 1' 11"	2' 0" 1' 11"	2' 1 1/4" 1' 11"	2' 1 1/2" 1' 10"	2' 2" 1' 9"	2' 3" 1' 9 1/2"	2' 6" 1' 8 1/2"
1.5	1' 6 1/2" 1' 5"	1' 6 1/8" 1' 5 1/2"	1' 6 1/4" 1' 5 1/4"	1' 6 1/2" 1' 5 1/2"	1' 7 1/8" 1' 4 3/4"	1' 7 1/4" 1' 4 1/2"	1' 8 3/4" 1' 4"
1.25	1' 3 3/4" 1' 2 3/4"	1' 3 3/8" 1' 2 3/4"	1' 3 3/4" 1' 2 3/4"	1' 3 3/8" 1' 2 3/4"	1' 3 3/4" 1' 2 1/2"	1' 4 1/8" 1' 2"	1' 4 1/2" 1' 1 1/2"
1.0	1' 11 1/2"	1' 11 1/2"	1' 11 1/2"	1' 11 1/2"	1' 11 1/2"	1' 11 1/2"	1' 11 1/2"

35mm F1.8 AND F2.8 MC W-ROKKOR LENSES

(in meters)

	1.8	2.8	4	5.6	8	11	16
∞	20	13.1	9.25	6.56	4.66	3.32	2.36
5	6.60 4.03	7.98 3.65	10.6 3.28	20.1 2.88	∞ 2.45	∞ 2.03	∞ 1.64
3	3.50 2.63	3.84 2.47	4.35 2.30	5.36 2.10	8.01 1.87	27.2 1.62	∞ 1.36
2	2.20 1.83	2.33 1.75	2.50 1.67	2.80 1.56	3.36 1.43	4.71 1.29	11.2 1.13
1.5	1.61 1.41	1.67 1.36	1.76 1.31	1.89 1.25	2.13 1.17	2.58 1.07	3.73 0.96
1.2	1.27 1.14	1.30 1.11	1.35 1.08	1.43 1.04	1.56 0.98	1.78 0.91	2.24 0.83
1	1.04 0.96	1.07 0.94	1.10 0.92	1.15 0.89	1.23 0.85	1.36 0.80	1.60 0.74
0.8	0.83 0.78	0.84 0.76	0.86 0.75	0.89 0.73	0.93 0.70	1.00 0.67	1.12 0.63
0.6	0.61 0.59	0.62 0.58	0.63 0.57	0.64 0.56	0.66 0.55	0.70 0.53	0.75 0.51
0.5	0.51 0.49	0.51 0.49	0.52 0.48	0.53 0.47	0.54 0.47	0.56 0.45	0.59 0.44
0.4	0.41 0.40	0.41 0.39	0.41 0.39	0.42 0.39	0.42 0.38	0.43 0.37	0.45 0.36
0.3	0.30 0.30	0.30 0.30	0.31 0.29	0.31 0.29	0.31 0.29	0.31 0.29	0.32 0.28

50mm F3.5 MC MACRO ROKKOR LENS

(in feet)

Dist. - ft. -	f No.	3.5	4	5.6	8	11	16	22
∞		74' 12"	65' 7"	46' 5"	32' 11"	23' 4"	16' 6"	11' 9"
10		11' 6" 8' 10 1/2"	11' 8" 8' 8 1/2"	12' 7" 8' 3 1/2"	14' 2" 7' 9 1/2"	17' 1" 7' 1 1/2"	24' 3" 6' 4 1/2"	60' 0" 5' 6 1/2"
6		6' 5 1/4" 5' 7 1/2"	6' 6 1/4" 5' 6 1/2"	6' 9 1/4" 5' 4 1/4"	7' 2 1/4" 5' 1 1/4"	7' 10 1/4" 4' 10 1/4"	9' 1 1/4" 4' 5"	11' 7" 4' 0"
4		4' 2 1/4" 3' 9 1/4"	4' 2 1/4" 3' 9 1/4"	4' 3 1/4" 3' 8 1/4"	4' 5 1/4" 3' 7 1/4"	4' 8 1/4" 3' 5 1/4"	5' 1 1/4" 3' 3 1/4"	5' 9 1/4" 3' 1"
3		3' 1 1/4" 2' 10 1/4"	3' 1 1/4" 2' 10 1/4"	3' 2" 2' 10 1/4"	3' 3" 2' 9 1/4"	3' 4" 2' 8 1/4"	3' 6 1/4" 2' 7 1/4"	3' 10 1/4" 2' 5 1/4"
2.5		2' 6 1/4" 2' 5 1/4"	2' 6 1/4" 2' 5 1/4"	2' 7 1/4" 2' 4 1/4"	2' 8" 2' 4 1/4"	2' 8 1/4" 2' 3 1/4"	2' 10 1/4" 2' 2 1/4"	3' 1/4" 2' 1 1/4"
2		2' 1 1/4" 1' 11 1/4"	2' 1 1/4" 1' 11 1/4"	2' 1 1/4" 1' 11 1/4"	2' 1 1/4" 1' 10 1/4"	2' 1 1/4" 1' 10 1/4"	2' 2 1/4" 1' 9 1/4"	2' 4 1/4" 1' 9"
1.75		1' 9 1/4" 1' 8 1/4"	1' 9 1/4" 1' 8 1/4"	1' 9 1/4" 1' 8 1/4"	1' 9 1/4" 1' 8 1/4"	1' 10 1/4" 1' 7 1/4"	1' 11" 1' 7 1/4"	1' 11 1/4" 1' 6 1/4"
1.5		1' 6 1/4" 1' 5 1/4"	1' 6 1/4" 1' 5 1/4"	1' 6 1/4" 1' 5 1/4"	1' 6 1/4" 1' 5 1/4"	1' 6 1/4" 1' 5 1/4"	1' 7 1/4" 1' 4 1/4"	1' 8" 1' 4 1/4"
1.25		1' 3 1/4" 1' 2 1/4"	1' 3 1/4" 1' 2 1/4"	1' 3 1/4" 1' 2 1/4"	1' 3 1/4" 1' 2 1/4"	1' 3 1/4" 1' 2 1/4"	1' 3 1/4" 1' 2 1/4"	1' 4 1/4" 1' 2"
1		1' 11 1/2"	1' 11 1/2"	1' 11 1/2"	1' 11 1/2"	1' 11 1/2"	1' 11 1/2"	1' 11 1/2"
10(in.)		10" 10"	10" 10"	10 1/4" 9 1/4"	10 1/4" 9 1/4"	10 1/4" 9 1/4"	10 1/4" 9 1/4"	10 1/4" 9 1/4"
9(in.)		9" 9"	9" 9"	9" 9"	9 1/4" 8 1/4"	9 1/4" 8 1/4"	9 1/4" 8 1/4"	9 1/4" 8 1/4"

50mm F3.5 MC MACRO ROKKOR LENS

(in meters)

Dist. - m. -	f No.	3.5	4	5.6	8	11	16	22
∞		30	20	14	10	7	5	3.6
3		3.4 2.7	3.5 2.6	3.8 2.5	4.2 2.3	5.1 2.1	7.1 1.9	16.6 1.7
2		2.2 1.9	2.2 1.8	2.3 1.8	2.5 1.7	2.7 1.6	3.2 1.5	4.3 1.3
1.3		1.4 1.2	1.4 1.2	1.4 1.2	1.5 1.2	1.7 1.1	1.7 1.1	1.9 1.0
1		1.0 0.96	1.0 0.96	1.1 0.94	1.1 0.92	1.1 0.89	1.2 0.86	1.3 0.81
0.8		0.82 0.78	0.83 0.78	0.84 0.77	0.86 0.75	0.88 0.73	0.92 0.71	0.98 0.68
0.6		0.61 0.59	0.62 0.59	0.62 0.58	0.63 0.57	0.65 0.56	0.68 0.55	0.70 0.53
0.5		0.51 0.49	0.51 0.49	0.51 0.49	0.52 0.49	0.53 0.48	0.54 0.46	0.56 0.45
0.4		0.41 0.40	0.41 0.39	0.41 0.39	0.41 0.39	0.42 0.38	0.43 0.38	0.44 0.37
0.35		0.354 0.346	0.354 0.346	0.356 0.344	0.359 0.342	0.363 0.338	0.368 0.334	0.376 0.328
0.3		0.303 0.298	0.303 0.297	0.304 0.296	0.306 0.294	0.308 0.292	0.312 0.289	0.317 0.285
0.25		0.251 0.249	0.252 0.248	0.252 0.248	0.253 0.247	0.255 0.245	0.257 0.244	0.260 0.241
0.23		0.231 0.229	0.231 0.229	0.232 0.228	0.233 0.228	0.234 0.227	0.235 0.225	0.237 0.223

55mm F1.7 MC ROKKOR LENS

in feet

Dist. \ F No.	1.7	2.8	4	5.6	8	11	16
∞	175'	107'	75'	53'	38'	27'	19'
30	36' 1" 25' 8"	41' 6" 23' 6"	49' 5" 21' 7"	67' 7" 19' 4"	141' 16' 10"	14' 3"	11' 9"
15	16' 4" 13' 10"	17' 4" 13' 2"	18' 7" 12' 7"	20' 8" 11' 10"	24' 6" 10' 10"	33' 2" 9' 9"	67' 4" 8' 6"
10	10' 7" 9' 5 1/2"	10' 12" 9' 2 1/2"	11' 5" 8' 10 1/2"	12' 2" 8' 5 1/2"	13' 5" 7' 11 1/2"	15' 7" 7' 4 1/2"	20' 5" 6' 8"
7	7' 3 1/2" 6' 8 1/2"	7' 5 1/2" 6' 7 1/2"	7' 7 1/2" 6' 5 1/2"	7' 11 1/2" 6' 2 1/2"	8' 5 1/2" 5' 11 1/2"	9' 3 1/2" 5' 7 1/2"	10' 9" 5' 2 1/2"
5	5' 1 1/2" 4' 10 1/2"	5' 2 1/2" 4' 9 1/2"	5' 3 1/2" 4' 8 1/2"	5' 5 1/2" 4' 7 1/2"	5' 8 1/2" 4' 5 1/2"	6' 1 1/2" 4' 3 1/2"	6' 7" 4' 1 1/2"
4	4' 1" 3' 11 1/2"	4' 1 1/2" 3' 10 1/2"	4' 2 1/2" 3' 9 1/2"	4' 3 1/2" 3' 9 1/2"	4' 4 1/2" 3' 8"	4' 7 1/2" 3' 6 1/2"	4' 11" 3' 4 1/2"
3.5	3' 6 1/2" 3' 5 1/2"	3' 7 1/2" 3' 4 1/2"	3' 7 1/2" 3' 4 1/2"	3' 8 1/2" 3' 3 1/2"	3' 9 1/2" 3' 3 1/2"	3' 11 1/2" 3' 1 1/2"	4' 2" 3' 1/2"
3	3' 1 1/2" 2' 11 1/2"	3' 1 1/2" 2' 11 1/2"	3' 1 1/2" 2' 10 1/2"	3' 1 1/2" 2' 10 1/2"	3' 2 1/2" 2' 9 1/2"	3' 3 1/2" 2' 9 1/2"	3' 5 1/2" 2' 7 1/2"
2.5	2' 6 1/2" 2' 5 1/2"	2' 6 1/2" 2' 5 1/2"	2' 6 1/2" 2' 5 1/2"	2' 7 1/2" 2' 4"	2' 7 1/2" 2' 4 1/2"	2' 8 1/2" 2' 4 1/2"	2' 9 1/2" 2' 3 1/2"
2.25	2' 3 1/2" 2' 2 1/2"	2' 3 1/2" 2' 2 1/2"	2' 3 1/2" 2' 2 1/2"	2' 3 1/2" 2' 2 1/2"	2' 4 1/2" 2' 1 1/2"	2' 4 1/2" 2' 1 1/2"	2' 5 1/2" 2' 1 1/2"
2	2' 1 1/2" 1' 11 1/2"	2' 1 1/2" 1' 11 1/2"	2' 1 1/2" 1' 11 1/2"	2' 1 1/2" 1' 11 1/2"	2' 1 1/2" 1' 11 1/2"	2' 1 1/2" 1' 10 1/2"	2' 2" 1' 10 1/2"
1.75	1' 9 1/2" 1' 8 1/2"	1' 9 1/2" 1' 8 1/2"	1' 9 1/2" 1' 8 1/2"	1' 9 1/2" 1' 8 1/2"	1' 9 1/2" 1' 8 1/2"	1' 10" 1' 8 1/2"	1' 10 1/2" 1' 7 1/2"

55mm F1.7 MC ROKKOR LENS

in meters

Dist. \ F No.	1.7	2.8	4	5.6	8	11	16
∞	55	33	23	16	11.5	8.2	5.8
10	12.3 8.4	14.4 7.7	17.6 7.0	25.6 6.2	72.6 5.4	4.5	3.7
5	5.5 4.6	5.9 4.4	6.3 4.1	7.1 3.9	8.7 3.5	12.5 3.1	33.9 2.7
3	3.17 2.85	3.29 2.76	3.43 2.67	3.64 2.55	4.0 2.41	4.64 2.22	6.01 2.01
2	2.07 1.93	2.12 1.89	2.18 1.85	2.26 1.80	2.39 1.72	2.59 1.63	2.96 1.52
1.5	1.54 1.46	1.57 1.44	1.59 1.42	1.64 1.39	1.70 1.34	1.80 1.29	1.97 1.22
1.2	1.22 1.18	1.24 1.16	1.26 1.15	1.28 1.13	1.32 1.10	1.38 1.06	1.47 1.02
1	1.02 0.98	1.03 0.98	1.04 0.96	1.06 0.95	1.08 0.93	1.12 0.91	1.18 0.87
0.9	0.91 0.89	0.92 0.88	0.93 0.87	0.94 0.86	0.96 0.85	0.99 0.82	1.04 0.80
0.8	0.81 0.79	0.82 0.78	0.82 0.78	0.83 0.77	0.85 0.76	0.87 0.74	0.90 0.72
0.7	0.71 0.69	0.71 0.69	0.72 0.68	0.73 0.68	0.74 0.67	0.75 0.66	0.77 0.64
0.6	0.61 0.60	0.61 0.59	0.61 0.59	0.62 0.58	0.63 0.58	0.64 0.57	0.65 0.56
0.55	0.55 0.55	0.56 0.54	0.56 0.54	0.56 0.54	0.57 0.53	0.58 0.53	0.59 0.52

58mm F1.2 AND F1.4 MC ROKKOR LENSES

(in feet)

Dist. Ft. \ F No.	1.2	1.4	2	2.8	4	5.6	8	11	16
∞	282'	244'	171'	121'	85'	61'	43'	30'	22'
30	33' 6" 27' 2"	34' 2" 26' 9"	36' 3" 25' 7"	39' 9" 24' 1"	45' 11" 22' 4"	59' 0" 20' 2"	98' 0" 17' 9"	∞ 15' 2"	∞ 12' 8"
15	15' 10" 14' 3"	15' 11" 14' 2"	16' 5" 13' 10"	17' 1" 13' 5"	18' 1" 12' 10"	19' 9" 12' 11"	22' 9" 11' 3"	29' 0" 10' 2"	47' 7" 9' 0"
10	10' 4" 9' 8 1/2"	10' 5" 9' 8"	10' 7" 9' 6"	10' 10" 9' 3"	11' 3" 9' 0"	11' 10" 8' 8"	12' 11" 8' 2"	14' 8" 7' 7"	18' 2" 6' 11"
7	7' 2" 6' 3/4"	7' 2 1/4" 6' 10"	7' 3" 6' 9"	7' 5" 6' 8"	7' 7" 6' 6"	7' 10" 6' 4"	8' 3" 6' 1"	8' 11" 5' 9"	10' 1" 5' 5"
5	5' 1/2" 4' 11"	5' 1" 4' 11"	5' 2" 4' 10"	5' 2" 4' 10"	5' 3" 4' 9"	5' 5" 4' 8"	5' 7" 4' 6"	5' 10" 4' 4"	6' 4" 4' 2"
4	4' 3/4" 3' 11 1/2"	4' 1" 3' 11"	4' 1" 3' 11"	4' 1" 3' 11"	4' 2" 3' 10"	4' 3" 3' 9"	4' 4" 3' 8"	4' 6" 3' 7"	4' 9" 3' 5"
3.5	3' 6" 3' 5 1/2"	3' 6 1/4" 3' 5 1/2"	3' 6 1/2" 3' 5 1/4"	3' 7" 3' 4 1/2"	3' 7 1/4" 3' 4 1/4"	3' 8 1/4" 3' 4"	3' 9 1/4" 3' 3 1/2"	3' 10 1/4" 3' 2 1/2"	4' 1/2" 3' 3/4"
3	3' 1/2" 2' 11 1/2"	3' 1 1/4" 2' 11 1/2"	3' 1 1/2" 2' 11 1/4"	3' 1 3/4" 2' 11 1/4"	3' 1" 2' 10 1/4"	3' 1 1/4" 2' 10 1/4"	3' 2 1/4" 2' 10"	3' 3 1/4" 2' 9 1/4"	3' 4 1/4" 2' 8 1/4"
2.5	2' 6 1/4" 2' 5 1/4"	2' 6 1/4" 2' 5 1/4"	2' 6 1/4" 2' 5 1/4"	2' 5 1/2" 2' 5 1/4"	2' 6 1/4" 2' 5 1/4"	2' 7" 2' 5"	2' 7 1/4" 2' 4 1/4"	2' 8 1/4" 2' 4 1/4"	2' 9" 2' 3 1/2"
2.25	2' 3 1/4" 2' 2 3/4"	2' 3 1/4" 2' 2 3/4"	2' 3 1/4" 2' 2 3/4"	2' 3 1/4" 2' 2 3/4"	2' 3 1/4" 2' 2 1/2"	2' 3 1/4" 2' 2 1/4"	2' 4 1/4" 2' 2"	2' 4 3/4" 2' 1 1/2"	2' 5 1/4" 2' 1"
2	2' 1/4" 1' 11 1/4"	2' 1/4" 1' 11 1/4"	2' 1/4" 1' 11 1/4"	2' 1/4" 1' 11 1/4"	2' 1/4" 1' 11 1/4"	2' 1/4" 1' 11 1/4"	2' 1/4" 1' 11 1/4"	2' 1 1/4" 1' 10 1/4"	2' 1 1/4" 1' 10 1/4"

58mm F1.2 AND F1.4 MC ROKKOR LENSES

(in meters)

Dist. M. \ F No.	1.2	1.4	2	2.8	4	5.6	8	11	16
∞	86.0	74.2	53.8	38.0	26.9	19.1	13.5	9.6	6.8
10	11.3 9.0	11.5 8.8	12.2 8.5	13.5 8.0	15.8 7.3	20.8 6.6	37.7 5.8	∞ 4.9	∞ 4.1
5	5.3 4.7	5.4 4.7	5.5 4.6	5.7 4.4	6.1 4.2	6.7 4.0	7.8 3.7	10.2 3.3	18.1 2.9
3	3.10 2.90	3.12 2.89	3.17 2.85	3.24 2.79	3.36 2.71	3.53 2.61	3.81 2.48	4.29 2.31	5.22 2.11
2	2.04 1.96	2.05 1.95	2.07 1.93	2.10 1.91	2.15 1.87	2.22 1.82	2.32 1.76	2.48 1.68	2.76 1.57
1.5	1.52 1.48	1.53 1.47	1.54 1.46	1.56 1.45	1.58 1.43	1.61 1.40	1.67 1.37	1.75 1.32	1.88 1.25
1.2	1.22 1.19	1.22 1.18	1.22 1.18	1.23 1.17	1.25 1.16	1.27 1.14	1.30 1.11	1.35 1.08	1.42 1.04
1	1.01 0.99	1.01 0.99	1.02 0.99	1.02 0.98	1.03 0.97	1.05 0.96	1.07 0.94	1.10 0.92	1.14 0.89
0.9	0.91 0.89	0.91 0.89	0.91 0.89	0.92 0.88	0.93 0.88	0.94 0.87	0.95 0.85	0.98 0.84	1.01 0.81
0.8	0.81 0.79	0.81 0.79	0.81 0.79	0.81 0.79	0.82 0.78	0.83 0.77	0.84 0.76	0.86 0.75	0.89 0.73
0.7	0.71 0.70	0.71 0.70	0.71 0.71	0.71 0.69	0.71 0.69	0.72 0.68	0.73 0.67	0.74 0.66	0.76 0.65
0.6	0.60 0.60	0.60 0.60	0.61 0.60	0.61 0.59	0.61 0.59	0.61 0.59	0.62 0.58	0.63 0.57	0.64 0.56

85mm F1.7 MC TELE ROKKOR LENS

(in feet)

	1.7	2.8	4	5.6	8	11	16	22
∞	409'	246'	174'	123'	87' 1"	61' 8"	43' 8"	30' 11"
30	32' 4" 28'	34' 1" 26' 10"	36' 1" 25' 8"	39' 5" 24' 3"	45' 4" 22' 5"	57' 6" 20' 4"	93' 18'	750' 15' 5"
20	21' 19' 1"	21' 8" 18' 7"	22' 6" 18'	23' 9" 17' 4"	25' 9" 16' 5"	29' 2" 15' 3"	36' 1" 13' 10"	54' 4" 12' 4"
15	15' 7" 14' 6"	15' 11" 14' 2"	16' 4" 13' 10"	17' 13' 5"	18' 12' 11"	19' 7" 12' 2"	22' 5" 11' 4"	28' 2" 10' 3"
12	12' 4" 11' 8"	12' 7" 11' 6"	12' 10" 11' 3"	13' 3" 11'	13' 10" 10' 7"	14' 9" 10' 2"	16' 3" 9' 6 1/2"	19' 8' 9 1/2"
10	10' 3" 9' 9 1/2"	10' 5" 9' 7 1/2"	10' 7" 9' 5 1/2"	10' 10" 9' 3 1/2"	11' 2" 9' 1/2"	11' 9" 8' 8 1/2"	12' 9" 8' 2 1/2"	14' 4" 7' 8 1/2"
8	8' 1" 7' 10 1/2"	8' 2" 7' 9 1/2"	8' 4" 7' 8 1/2"	8' 6" 7' 6 1/2"	8' 8" 7' 4 1/2"	9' 7' 1 1/2"	9' 7" 6' 10 1/2"	10' 6" 6' 5 1/2"
7	7' 1" 6' 10 1/2"	7' 2" 6' 9 1/2"	7' 3" 6' 9 1/2"	7' 4" 6' 7 1/2"	7' 6" 6' 6 1/2"	7' 9" 6' 4 1/2"	8' 2" 6' 1 1/2"	8' 9" 5' 9 1/2"
6	6' 1/2" 5' 11 1/2"	6' 1 1/2" 5' 10 1/2"	6' 2" 5' 9 1/2"	6' 3 1/2" 5' 9"	6' 4 1/2" 5' 7 1/2"	6' 6 1/2" 5' 6 1/2"	6' 10" 5' 4 1/2"	7' 3" 5' 1 1/2"
5	5' 1/2" 4' 11 1/2"	5' 1" 4' 10 1/2"	5' 1 1/2" 4' 10"	5' 2 1/2" 4' 9 1/2"	5' 3 1/2" 4' 9"	5' 4 1/2" 4' 8 1/2"	5' 6 1/2" 4' 6 1/2"	5' 9 1/2" 4' 4 1/2"
4.5	4' 6 1/2" 4' 5 1/2"	4' 6 1/2" 4' 5 1/2"	4' 7 1/2" 4' 4 1/2"	4' 7 1/2" 4' 4 1/2"	4' 8 1/2" 4' 3 1/2"	4' 9 1/2" 4' 2 1/2"	4' 11 1/2" 4' 1 1/2"	5' 1 1/2" 4' 1/2"
4	4' 1/2" 3' 11 1/2"	4' 1/2" 3' 11 1/2"	4' 1/2" 3' 11 1/2"	4' 1 1/2" 3' 10 1/2"	4' 1 1/2" 3' 10 1/2"	4' 2 1/2" 3' 9 1/2"	4' 3 1/2" 3' 8 1/2"	4' 5 1/2" 3' 7 1/2"
3.5	3' 6 1/2" 3' 5 1/2"	3' 6 1/2" 3' 5 1/2"	3' 6 1/2" 3' 5 1/2"	3' 6 1/2" 3' 5 1/2"	3' 7 1/2" 3' 4 1/2"	3' 7 1/2" 3' 4 1/2"	3' 8 1/2" 3' 3 1/2"	3' 10 1/2" 3' 2 1/2"

85mm F1.7 MC TELE ROKKOR LENS

(in meters)

	1.7	2.8	4	5.6	8	11	16	22
∞	125	75.0	53.0	37.5	26.6	18.8	13.3	9.43
20	23.8 17.3	27.2 15.8	31.9 14.6	42.5 13.1	79.6 11.5	9.74	8.04	6.46
10	10.9 9.27	11.5 8.85	12.3 8.44	13.5 7.93	15.9 7.31	21.0 6.58	38.8 5.76	4.91
5	5.20 4.82	5.34 4.70	5.50 4.59	5.73 4.43	6.10 4.24	6.72 3.99	7.85 3.68	10.3 3.32
3	3.07 2.93	3.12 2.89	3.17 2.85	3.24 2.79	3.35 2.72	3.53 2.61	3.80 2.48	4.28 2.32
2.5	2.55 2.46	2.58 2.43	2.61 2.40	2.66 2.36	2.74 2.30	2.85 2.23	3.02 2.13	3.31 2.01
2	2.03 1.97	2.05 1.95	2.07 1.94	2.10 1.91	2.14 1.87	2.21 1.83	2.31 1.76	2.47 1.68
1.7	1.72 1.68	1.73 1.67	1.75 1.65	1.77 1.64	1.80 1.61	1.85 1.58	1.91 1.53	2.02 1.47
1.5	1.52 1.48	1.53 1.47	1.54 1.46	1.55 1.45	1.58 1.43	1.61 1.40	1.66 1.37	1.74 1.32
1.3	1.31 1.29	1.32 1.28	1.33 1.27	1.34 1.26	1.36 1.25	1.38 1.23	1.42 1.20	1.47 1.17
1.2	1.21 1.19	1.22 1.18	1.22 1.18	1.23 1.17	1.25 1.16	1.27 1.14	1.30 1.12	1.34 1.09
1.1	1.11 1.09	1.11 1.09	1.12 1.08	1.13 1.07	1.14 1.06	1.15 1.05	1.18 1.03	1.21 1.01
1	1.01 0.99	1.01 0.99	1.01 0.99	1.02 0.98	1.03 0.97	1.04 0.96	1.06 0.95	1.09 0.92

100mm F2.5 AND F3.5 MC TELE ROKKOR LENSES

(in feet)

Dist. / F No.	2.5	2.8	3.5	4	5.6	8	11	16	22
∞	394'	349'	280'	247'	174'	123'	87' 5"	61' 10"	43' 10"
50	57' 1" 44' 6"	58' 2" 43' 10"	60' 8" 42' 7"	62' 6" 41' 8"	69' 8" 39' 0"	83' 3" 35' 9"	115' 32' 0"	251' 23' 11"	43' 10"
30	32' 5" 27' 11"	32' 9" 27' 8"	33' 6" 27' 2"	34' 0" 26' 10"	36' 0" 25' 9"	39' 4" 24' 3"	45' 1" 22' 6"	57' 1" 20' 5"	91' 7" 18' 0"
20	21' 0" 19' 1"	21' 2" 18' 11"	21' 6" 18' 9"	21' 8" 18' 7"	22' 6" 18' 0"	23' 8" 17' 4"	25' 8" 16' 5"	29' 0" 15' 3"	35' 9" 13' 11"
15	15' 7" 14' 6"	15' 8" 14' 5"	15' 10" 14' 3"	15' 11" 14' 2"	16' 4" 13' 11"	16' 11" 13' 6"	17' 11" 12' 11"	19' 6" 12' 3"	22' 3" 11' 4"
12	12' 4" 11' 8"	12' 5" 11' 8"	12' 6" 11' 7"	12' 7" 11' 6"	12' 10" 11' 3"	13' 2" 11' 0"	13' 9" 10' 8"	14' 8" 10' 2"	16' 2" 9' 6 1/2"
10	10' 3" 9' 9 1/4"	10' 3" 9' 8 1/2"	10' 4" 9' 8 1/2"	10' 5" 9' 7 1/2"	10' 7" 9' 6"	10' 10" 9' 3 1/2"	11' 2" 9' 5 1/2"	11' 8" 8' 8 1/2"	12' 8" 8' 3 1/2"
8	8' 1 1/4" 7' 10 1/4"	8' 1 1/4" 7' 10 1/4"	8' 2 1/4" 7' 9 1/2"	8' 2 1/4" 7' 9 1/2"	8' 4 1/4" 7' 8 1/2"	8' 5 1/4" 7' 6 1/2"	8' 8 1/4" 7' 4 1/2"	9' 1 1/4" 7' 2 1/2"	9' 6 1/4" 6' 10 1/2"
7	7' 1 1/4" 6' 10 1/4"	7' 1 1/4" 6' 10 1/4"	7' 1 1/2" 6' 10 1/4"	7' 2 1/2" 6' 9 1/2"	7' 3 1/2" 6' 9 1/2"	7' 4 1/2" 6' 8 1/2"	7' 6 1/2" 6' 6 1/2"	7' 9 1/2" 6' 4 1/2"	8' 1 1/2" 6' 1 1/2"
6	6' 5 1/4" 5' 11 1/4"	6' 1 1/2" 5' 10 1/4"	6' 1 1/2" 5' 10 1/4"	6' 1 1/2" 5' 10 1/4"	6' 2 1/2" 5' 9 1/2"	6' 3 1/2" 5' 9 1/2"	6' 4 1/2" 5' 8 1/2"	6' 6 1/2" 5' 6 1/2"	6' 9 1/2" 5' 4 1/2"
5	5' 5 1/4" 4' 11 1/4"	5' 5 1/4" 4' 11 1/4"	5' 5 1/4" 4' 11 1/4"	5' 1" 4' 11"	5' 1 1/2" 4' 10 1/4"	5' 2" 4' 10 1/4"	5' 2 1/2" 4' 9 1/2"	5' 4 1/2" 4' 8 1/4"	5' 6 1/4" 4' 6 1/4"
4.5	4' 6 1/4" 4' 5 1/2"	4' 6 1/4" 4' 5 1/4"	4' 6 1/4" 4' 5 1/4"	4' 6 1/4" 4' 5 1/4"	4' 7 1/4" 4' 4 1/4"	4' 7 1/4" 4' 4 1/4"	4' 8 1/4" 4' 3 1/2"	4' 9 1/4" 4' 3"	4' 10 1/4" 4' 1 1/4"
4	4' 3 1/4" 3' 11 1/4"	4' 3 1/4" 3' 11 1/4"	4' 3 1/4" 3' 11 1/4"	4' 3 1/4" 3' 11 1/4"	4' 3 1/4" 3' 10 1/4"	4' 1 1/4" 3' 10 1/4"	4' 1 1/4" 3' 10 1/4"	4' 2 1/4" 3' 9 1/4"	4' 3 1/4" 3' 8 1/4"

100mm F2.5 AND F3.5 MC TELE ROKKOR LENSES

(in meters)

Dist. / F No.	2.5	2.8	3.5	4	5.6	8	11	16	22
∞	120	106	85	75	53	38	27	19	13
20	24 17	25 17	26 16	27 16	32 15	42 13	79 12	9.8	8
10	10.9 9.3	11.0 9.2	11.3 9.0	11.5 8.9	12.2 8.5	13.5 8.0	15.8 7.3	20.8 6.6	38.1 5.8
7	7.4 6.6	7.5 6.6	7.6 6.5	7.7 6.4	8.0 6.2	8.5 6.0	9.4 5.6	10.9 5.2	14.3 4.7
5	5.2 4.81	5.2 4.78	5.3 4.73	5.3 4.70	5.5 4.49	5.7 4.44	6.1 4.25	6.7 4.00	7.8 3.69
4	4.13 3.88	4.15 3.86	4.18 3.83	4.21 3.81	4.30 3.74	4.44 3.64	4.65 3.51	4.99 3.34	5.57 3.13
3	3.07 2.93	3.08 2.93	3.10 2.91	3.11 2.90	3.16 2.85	3.23 2.80	3.34 2.72	3.51 2.62	3.78 2.49
2.5	2.55 2.45	2.55 2.45	2.57 2.44	2.58 2.43	2.61 2.40	2.66 2.36	2.73 2.31	2.84 2.24	3.01 2.14
2	2.03 1.97	2.03 1.97	2.04 1.96	2.05 1.96	2.07 1.94	2.10 1.91	2.14 1.88	2.20 1.83	2.30 1.77
1.7	1.72 1.68	1.72 1.68	1.73 1.67	1.73 1.67	1.75 1.66	1.77 1.64	1.80 1.61	1.84 1.58	1.90 1.54
1.5	1.52 1.48	1.52 1.48	1.52 1.48	1.52 1.48	1.54 1.47	1.55 1.45	1.57 1.43	1.60 1.41	1.65 1.37
1.3	1.31 1.29	1.31 1.29	1.32 1.28	1.32 1.28	1.33 1.28	1.34 1.27	1.35 1.25	1.37 1.23	1.41 1.21
1.2	1.21 1.19	1.21 1.19	1.21 1.19	1.21 1.19	1.22 1.18	1.23 1.17	1.24 1.16	1.26 1.15	1.29 1.12

135mm F2.8 AND F3.5 MC TELE ROKKOR LENSES

(in feet)

Dist. \ F No.	2.8	3.5	4	5.6	8	11	16	22
∞	246'	518'	449'	318'	225'	159'	113'	80'
50	54' 1" 46' 6"	55' 2" 45' 9"	56' 1" 45' 1"	59' 1" 43' 4"	63' 11" 41' 1"	72' 3" 38' 3"	88' 8" 34' 11"	131' 31'
30	31' 5" 28' 9"	31' 9" 28' 5"	32' 1" 28' 2"	33' 0" 27' 6"	34' 5" 26' 7"	36' 8" 25' 5"	40' 5" 23' 11"	47' 2" 22' 1"
20	20' 7" 19' 5"	20' 9" 19' 4"	20' 11" 19' 2"	21' 3" 18' 11"	21' 10" 18' 6"	22' 8" 17' 11"	24' 0" 17' 2"	26' 3" 16' 2"
15	15' 4" 14' 8"	15' 5" 14' 7"	15' 6" 14' 7"	15' 8" 14' 5"	16' 0" 14' 2"	16' 5" 13' 10"	17' 1" 13' 4"	18' 2" 12' 10"
12	12' 2" 11' 10"	12' 3" 11' 9"	12' 4" 11' 9"	12' 5" 11' 7"	12' 7" 11' 5"	12' 11" 11' 3"	13' 3" 10' 11"	13' 11" 10' 7"
10	10' 2" 9' 10"	10' 2" 9' 10"	10' 2" 9' 9"	10' 3" 9' 8"	10' 5" 9' 7"	10' 7" 9' 5"	10' 10" 9' 3"	11' 3" 9' 1"
8	8' 1" 7' 11"	8' 1" 7' 10"	8' 1" 7' 10"	8' 2" 7' 10"	8' 3" 7' 9"	8' 4" 7' 8"	8' 6" 7' 6"	8' 9" 7' 4"
7	7' 1/2" 6' 11 1/2"	7' 1" 6' 11"	7' 1" 6' 11"	7' 1 1/2" 6' 10 1/2"	7' 2 1/2" 6' 9 1/2"	7' 3 1/2" 6' 9 1/2"	7' 4 1/2" 6' 8"	7' 6 1/2" 6' 6 1/2"
6	6' 1/2" 5' 11 1/2"	6' 3/4" 5' 11 1/4"	6' 3/4" 5' 11 1/4"	6' 1" 5' 11"	6' 1 1/2" 5' 10 1/2"	6' 2 1/4" 5' 10"	6' 3 1/4" 5' 9 1/4"	6' 4 1/2" 5' 8"
5	5' 3/4" 4' 11 3/4"	5' 5/8" 4' 11 1/8"	5' 5/8" 4' 11 1/8"	5' 1/2" 4' 11 1/4"	5' 1" 4' 11"	5' 1 1/2" 4' 10 1/2"	5' 2 1/2" 4' 10 1/4"	5' 3" 4' 9 1/2"

135mm F2.8 AND F3.5 MC TELE ROKKOR LENSES

(in meters)

Dist. \ F No.	2.8	3.5	4	5.6	8	11	16	22
∞	196	158	137	97	69	49	34	24
20	22.2 18.2	22.8 17.8	23.4 17.5	25.1 16.6	28.1 15.5	33.7 14.2	47.1 12.7	70 11.1
10	10.5 9.5	10.6 9.4	10.8 9.3	11.1 9.1	11.6 8.8	12.5 8.3	13.9 7.8	16.7 7.2
7	7.3 6.8	7.3 6.7	7.4 6.7	7.5 6.6	7.8 6.4	8.1 6.2	8.7 5.9	9.7 5.5
5	5.1 4.9	5.1 4.9	5.2 4.8	5.3 4.8	5.4 4.7	5.5 4.6	5.8 4.4	6.2 4.2
4	4.08 3.93	4.09 3.91	4.11 3.90	4.16 3.86	4.22 3.80	4.32 3.72	4.48 3.62	4.71 3.48
3	3.04 2.96	3.05 2.95	3.06 2.94	3.08 2.92	3.12 2.89	3.17 2.85	3.25 2.79	3.37 2.71
2.5	2.53 2.47	2.53 2.47	2.54 2.46	2.56 2.45	2.58 2.43	2.61 2.40	2.67 2.35	2.74 2.30
2	2.02 1.98	2.02 1.98	2.02 1.98	2.03 1.97	2.05 1.95	2.07 1.94	2.10 1.91	2.14 1.88
1.7	1.71 1.69	1.71 1.69	1.72 1.68	1.72 1.68	1.73 1.67	1.75 1.66	1.77 1.64	1.80 1.61
1.5	1.51 1.49	1.51 1.49	1.51 1.49	1.52 1.48	1.52 1.48	1.54 1.47	1.55 1.45	1.57 1.43

200mm F3.5 AND F4.5 MC TELE ROKKOR LENSES

(in feet)

Dist. / f No.	3.5	4	4.5	5.6	8	11	16	22
∞	1122'	982'	884'	695'	491'	348'	246'	174'
100	110' 92'	111' 91'	112' 90'	116' 88'	125' 83'	139' 78'	167' 72'	231' 64'
50	52' 3" 47' 11"	52' 7" 47' 8"	52' 10" 47' 5"	53' 8" 46' 9"	55' 5" 45' 7"	58' 0" 43' 11"	62' 2" 41' 10"	69' 2" 39' 3"
30	30' 9" 29' 3"	30' 11" 29' 2"	30' 11" 29' 1"	31' 3" 28' 10"	31' 10" 28' 5"	32' 8" 27' 9"	33' 10" 26' 11"	35' 9" 25' 10"
20	20' 4" 19' 8"	20' 4" 19' 8"	20' 4" 19' 7"	20' 6" 19' 6"	20' 9" 19' 4"	21' 1" 19' 0"	21' 7" 18' 8"	22' 4" 18' 2"
15	15' 2" 14' 10"	15' 2" 14' 10"	15' 2" 14' 9"	15' 3" 14' 9"	15' 5" 14' 7"	15' 7" 14' 6"	15' 10" 14' 3"	16' 3" 14' 0"
14	12' 1" 11' 11"	12' 1" 11' 11"	12' 1" 11' 10"	12' 2" 11' 10"	12' 3" 11' 9"	12' 4" 11' 8"	12' 6" 11' 6"	12' 9" 11' 4"
10	10' 1" 9' 11 1/2"	10' 1" 9' 11"	10' 1" 9' 10 3/4"	10' 1" 9' 10 3/8"	10' 2" 9' 10 1/4"	10' 3" 9' 9 3/4"	10' 4" 9' 8 1/2"	10' 6" 9' 6 1/2"
8	8' 1/2" 7' 11 1/2"	8' 1/2" 7' 11 3/8"	8' 1/2" 7' 11 1/4"	8' 1/2" 7' 11 1/8"	8' 1 1/2" 7' 10 3/4"	8' 1 1/2" 7' 10 3/8"	8' 2 1/2" 7' 9 1/2"	8' 3 1/2" 7' 8 3/4"

200mm F3.5 AND F4.5 MC TELE ROKKOR LENSES

(in meters)

Dist. / f No.	3.5	4	4.5	5.6	8	11	16	22
∞	342	299	268	212	150	106	75	53
30	33 28	33 27	34 27	35 26	37 25	42 24	50 22	68 19
15	15.7 14.4	15.8 14.3	15.8 14.2	16.1 14.0	16.6 13.7	17.4 13.2	18.6 12.6	20.6 11.8
10	10.3 9.7	10.3 9.7	10.4 9.7	10.5 9.6	10.7 9.4	11.0 9.2	11.4 8.9	12.2 8.5
7	7.1 6.9	7.2 6.9	7.2 6.8	7.2 6.8	7.3 6.7	7.5 6.6	7.7 6.5	8.0 6.3
5	5.1 4.9	5.1 4.9	5.1 4.9	5.1 4.9	5.2 4.8	5.2 4.8	5.3 4.7	5.5 4.6
4	4.0 3.96	4.1 3.96	4.1 3.95	4.1 3.94	4.1 3.91	4.1 3.88	4.2 3.83	4.2 3.76
3	3.02 2.98	3.02 2.98	3.03 2.97	3.03 2.97	3.05 2.95	3.07 2.93	3.10 2.91	3.14 2.87
2.5	2.51 2.49	2.52 2.48	2.52 2.48	2.52 2.48	2.53 2.47	2.54 2.46	2.56 2.44	2.59 2.42

300mm F4.5 MC TELE ROKKOR LENS

(in feet)

Dist. Ft. \ f No.	4.5	5.6	8	11	16	22
∞	∞ 1990'	∞ 1584'	∞ 1120'	∞ 793'	∞ 561'	∞ 397'
200	222' 182'	228' 178'	243' 170'	266' 160'	308' 148'	398' 134'
100	105' 95'4"	106' 94'3"	109' 92'1"	114' 89'3"	121' 85'5"	132' 80'7"
70	72'5" 67'9"	73'1" 67'2"	74'5" 66'1"	76'5" 64'7"	79'6" 62'7"	84'3" 59'11"
50	51'2" 48'10"	51'6" 48'7"	52'2" 48'0"	53'1" 47'3"	54'6" 46'3"	56'7" 44'10"
40	40'9" 39'3"	40'11" 39'3"	41'4" 38'9"	41'11" 38'3"	42'9" 37'7"	44'1" 36'8"
30	30'5" 29'7"	30'6" 29'6"	30'9" 29'4"	31'0" 29'1"	31'6" 28'8"	32'1" 28'2"
25	25'3" 24'9"	25'4" 24'8"	25'6" 24'6"	25'8" 24'4"	26'0" 24'1"	26'5" 23'9"
20	20'2" 19'10"	20'2" 19'10"	20'3" 19'9"	20'5" 19'7"	20'7" 19'5"	20'10" 19'3"
17	17'1" 16'11"	17'2" 16'10"	17'2" 16'10"	17'3" 16'9"	17'5" 16'7"	17'7" 16'5"
15	15'1" 14'11"	15'1" 14'11"	15'2" 14'10"	15'3" 14'10"	15'4" 14'9"	15'5" 14'7"

300mm F4.5 MC TELE ROKKOR LENS

(in meters)

Dist. m \ f No.	4.5	5.6	8	11	16	22
∞	∞ 607	∞ 483	∞ 341	∞ 242	∞ 171	∞ 121
50	54.4 46.3	55.6 45.4	58.4 43.8	62.7 41.6	70.1 38.9	84.2 35.6
30	31.5 28.6	31.9 28.3	32.8 27.7	34.1 26.8	36.1 25.7	39.4 24.2
20	20.6 19.4	20.8 19.3	21.2 19.0	21.7 18.6	22.5 18.0	23.7 17.3
15	15.3 14.7	15.4 14.6	15.6 14.4	15.9 14.2	16.3 13.9	16.9 13.5
10	10.1 9.86	10.2 9.82	10.3 9.75	10.4 9.65	10.5 9.51	10.8 9.32
8	8.09 7.91	8.12 7.89	8.16 7.84	8.23 7.78	8.33 7.69	8.48 7.57
7	7.07 6.93	7.08 6.92	7.12 6.88	7.17 6.84	7.25 6.77	7.35 6.68
6	6.05 5.95	6.06 5.94	6.09 5.92	6.12 5.88	6.17 5.84	6.25 5.77
5	5.03 4.97	5.04 4.96	5.06 4.95	5.08 4.92	5.11 4.89	5.16 4.85
4.5	4.52 4.48	4.53 4.47	4.54 4.46	4.56 4.44	4.59 4.41	4.63 4.38

MAINTENANCE AND CARE

Care after use and from time to time

Do not touch the lens surface.

If you inadvertently stain it, gently whisk dust, salt particles, or other loose, dry matter off the lens with a ball-bellows lens brush, then wipe it gently with a circular motion from the center outward with a soft, clean cotton cloth or special photographic lens tissue.

Other parts of the lens can be wiped with a silicon cloth.

CAUTION:

Liquid lens cleaner may be used only when fingerprints or scum formation cannot be removed with the lens tissue or cloth. In this case, use a drop of lens cleaner on the lens cleaning tissue or cloth and wipe the lens surface gently from its center to corner.

Be sure not to drop the lens cleaner directly on the lens surface.

Storage precautions

Store your lens in its case attaching lens cap when not in use.

Do not store the lens where the temperature or humidity are high or near salts or corrosive chemicals.

When storing the lens for a long period of time, it is best to place the case containing it into an airtight container (such as a heavy or double plastic bag) along with a small bag of a drying agent (such as silica gel).

Should you ever have any comments or suggestions, we would be happy to hear from you.

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