



LENS DATA: 58mm f/1.2 MC ROKKOR

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Lens construction: 7 elements, 5 groups
Apertures: 1.2~6
Nearest focus: 0.6m (2 ft)
Ratio of object to image size at nearest focusing distance: 1:8 (0.125X)
Focusing distance, one head, vertical: 0.85m (2.8 ft)—subject to slight perspective distortion
Focusing distance, two heads, horizontal: 1.1m (3.5 ft)—subject to slight perspective distortion
Focusing distance, one to three persons

(6 ft) standing: 3.5m (11.5 ft)
Angles of view: Diagonal: 41°
 Horizontal: 34° 30'
 Vertical: 23° 20'
Ratio of image size at infinity to image of standard lens (55 or 58mm = 1): 1:1 (1.0X)
Screw-in filter mount diameter: 55mm
Lens hood: Exclusive angle (Minolta-type)
Replacement lens cap: 57mm
Weight: 455g (16.0 oz)

Close-Up Data

Extension Rings	Magnification	Distance Range—Subject to Film		
50mm Macro ring (+25mm)	0.44~0.56X	256.89~235.17mm		
100mm Macro ring (+50mm)	0.84~0.97X	216.51~214.76mm		
Reverse adapter	0.8X	217.5mm (8.56")		
Bellows Data	Auto Bellows I	Auto Bellows II	Bellows III	
a. Distance to subject from lens edge (normal position)	88.57~28.08mm	83.31~31.66mm	95.76~27.61mm	
Magnification (image ratio) range	0.66~2.71X	0.70~2.32X	0.61~2.74X	
b. Distance to subject from lens edge set at infinity (reversed)	76.98~54.15mm	76.5~56.3mm	78.46~53.77mm	
Magnification (image ratio) range	1.46~3.39X	1.51~3.00X	1.41~3.42X	

Close-Up Lenses	Magnification	Area Range	Distance Range
No. 1	0.12~0.25×	199×299~96×144mm	600~360mm
No. 2	0.23~0.36×	104×157~67×100mm	360~280mm
No. 1+2	0.34~0.47×	67×106~51×76mm	180~130mm

DEPTH-OF-FIELD TABLES FOR 58mm f/1.2 MC ROKKOR

(in feet)

Dis (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 1/8"	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' 1/8"	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' 1/8" 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' 1/2" 3' 11 3/8"	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 1/8" 3' 5 1/2"	3' 6 3/4" 3' 5 1/4"	3' 7" 3' 4 3/4"	3' 7 1/2" 3' 4 1/2"	3' 8 1/4" 3' 4"	3' 9 1/4" 3' 3 1/4"	3' 10 3/4" 3' 2 1/2"	4' 3/4" 3' 3/4"
3	3' 1/4" 2' 11 3/8"	3' 1/2" 2' 11 3/4"	3' 1/2" 2' 11 1/2"	3' 3/4" 2' 11 1/4"	3' 1" 2' 10 3/4"	3' 1 1/2" 2' 10 1/2"	3' 2 1/4" 2' 10"	3' 3 1/4" 2' 9 3/4"	3' 4 3/4" 2' 8 1/4"
2.5	2' 6 1/8" 2' 5 3/4"	2' 6 1/4" 2' 5 3/4"	2' 6 3/8" 2' 5 1/2"	2' 5 1/2" 2' 5 1/2"	2' 6 3/4" 2' 5 1/4"	2' 7" 2' 5"	2' 7 1/2" 2' 4 3/4"	2' 8 1/4" 2' 4 1/4"	2' 9" 2' 3 1/2"
2.25	2' 3 1/4" 2' 2 3/8"	2' 3 3/8" 2' 2 3/4"	2' 3 1/2" 2' 2 3/4"	2' 3 1/2" 2' 2 3/4"	2' 3 1/2" 2' 2 1/2"	2' 3 3/4" 2' 2 1/4"	2' 4 1/4" 2' 2"	2' 4 3/4" 2' 1 1/2"	2' 5 1/2" 2' 1"
2	2' 1/8" 1' 11 1/8"	2' 1/4" 1' 11 3/4"	2' 1/4" 1' 11 3/4"	2' 1/4" 1' 11 3/4"	2' 1/4" 1' 11 3/4"	2' 3/4" 1' 11 1/2"	2' 3/4" 1' 11 1/4"	2' 1 1/4" 1' 10 3/4"	2' 1 3/4" 1' 10 1/2"

(in meters)

Dis 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