

ML-M-UR FOV chart

Extender (mm)	Model	ML-M0822UR		ML-M1218UR		ML-M1616UR		ML-M2516UR		ML-M3520UR		ML-M5025UR	
		f8mm		f12mm		f16mm		f25mm		f35mm		f50mm	
		Near	Far (∞)	Near	Far (∞)	Near	Far (∞)	Near	Far (∞)	Near	Far (∞)	Near	Far (∞)
0	2/3"	95.7X129.8		88.3X118.7		68.8X91.8		43.4X57.9		38.9X51.9		34.4X45.9	
	1/1.8"	76.5X103.2		70.9X95.0		55.4X73.9		35.0X46.6		31.3X41.8		27.7X37.0	
	WD	100		150		150		150		200		300	
	Magnification	0.071x		0.076x		0.096x		0.152x		0.170x		0.192x	
0.5	2/3"	50.4 X 68.3	110.5 X 149.7	56.8 X 76.3	157.9 X 212.4	51.9 X 69.2	210.9 X 281.3	38.3 X 51.1	339.0 X 452.0	35.8 X 47.8	454.8 X 606.4	32.8 X 43.8	611.7 X 815.6
	1/1.8"	40.3 X 54.3	88.3 X 119.1	45.6 X 61.1	126.7 X 169.9	41.8 X 55.7	169.9 X 226.5	30.9 X 41.1	273.0 X 364.0	28.9 X 38.5	366.3 X 488.4	26.4 X 35.3	492.7 X 656.9
	WD	47.1	123	93.4	274.9	108.5	498	130.7	1269.6	183.7	2403.5	287	4368.4
	Magnification	0.134x	0.061x	0.117x	0.042x	0.127x	0.031x	0.172x	0.019x	0.184x	0.015x	0.201x	0.011x
1	2/3"	34.2 X 46.3	55.4 X 74.9	41.9 X 56.2	79.4 X 106.7	41.7 X 55.6	105.9 X 141.2	34.3 X 45.7	167.2 X 222.9	33.2 X 44.3	228.4 X 304.6	31.3 X 41.8	306.0 X 408.0
	1/1.8"	27.4 X 36.9	44.3 X 59.7	33.6 X 45.0	63.7 X 85.4	33.6 X 44.8	85.3 X 113.7	27.6 X 36.8	134.7 X 179.6	26.8 X 35.7	184.0 X 245.3	25.3 X 33.7	246.4 X 328.6
	WD	28.2	55.9	66.5	133.9	83.5	240.7	115.5	619	170	1204.2	275.2	2198.7
	Magnification	0.198x	0.122x	0.159x	0.084x	0.158x	0.062x	0.192x	0.039x	0.199x	0.029x	0.211x	0.022x
1.5	2/3"	25.8 X 34.9	36.8 X 49.8	33.1 X 44.5	53.0 X 71.2	34.8 X 46.5	70.6 X 94.1	31.1 X 41.4	110.9 X 147.9	31.0 X 41.3	152.5 X 203.4	30.0 X 40.0	204.1 X 272.1
	1/1.8"	20.6 X 27.8	29.5 X 39.7	26.6 X 35.6	42.5 X 57.0	28.1 X 37.4	56.9 X 75.8	25.0 X 33.3	89.3 X 119.1	25.0 X 33.3	122.8 X 163.8	24.2 X 32.2	164.4 X 219.2
	WD	18.4	33.3	50.9	86.5	66.8	154.3	103.2	405.8	158.2	802	264.3	1475.8
	Magnification	0.262x	0.183x	0.201x	0.126x	0.189x	0.093x	0.213x	0.060x	0.213x	0.043x	0.220x	0.032x
2	2/3"	20.7 X 28.0	27.6 X 37.3	27.4 X 36.8	39.7 X 53.4	29.9 X 39.9	52.9 X 70.6	28.4 X 37.8	82.9 X 110.6	29.1 X 38.7	114.5 X 152.6	28.8 X 38.3	153.2 X 204.3
	1/1.8"	16.6 X 22.3	22.1 X 29.7	22.0 X 29.5	31.9 X 42.7	24.1 X 32.2	42.6 X 56.8	22.9 X 30.5	66.8 X 89.1	23.4 X 31.2	92.2 X 122.9	23.2 X 30.9	123.4 X 164.5
	WD	12.5	22.1	40.6	62.7	54.7	111.1	93.1	299.8	147.8	600.3	254.4	1114.5
	Magnification	0.326x	0.244x	0.243x	0.168x	0.220x	0.125x	0.233x	0.080x	0.227x	0.058x	0.230x	0.043x
5	2/3"			13.5 X 18.0	15.9 X 21.3	16.2 X 21.6	21.2 X 28.3	18.7 X 24.9	32.9 X 43.9	21.1 X 28.1	45.8 X 61.1	23.0 X 30.7	61.4 X 81.9
	1/1.8"			10.8 X 14.5	12.8 X 17.1	13.1 X 17.4	17.1 X 22.8	15.1 X 20.1	26.5 X 35.4	17.0 X 22.6	36.9 X 49.2	18.6 X 24.7	49.5 X 66.0
	WD			15.5	19.9	21.2	33.4	56.4	110.3	105.5	236.6	208.5	463.3
	Magnification			0.493x	0.418x	0.407x	0.311x	0.353x	0.200x	0.313x	0.144x	0.286x	0.107x
10	2/3"				8.0 X 10.6		10.6 X 14.2	11.9 X 15.9	16.5 X 22.0	14.0 X 18.6	23.0 X 30.6	17.3 X 23.1	30.7 X 41.0
	1/1.8"				6.4 X 8.6		8.6 X 11.4	9.6 X 12.8	13.3 X 17.7	11.2 X 15.0	18.5 X 24.7	13.9 X 18.6	24.8 X 33.0
	WD				5.6		7.5	30.8	48	67.9	115.5	162.6	245.5
	Magnification				0.832x		0.620x	0.553x	0.401x	0.473x	0.288x	0.381x	0.215x
15	2/3"							8.5 X 11.3	11.0 X 14.6	11.0 X 14.7	15.3 X 20.4	13.9 X 18.5	20.5 X 27.3
	1/1.8"							6.8 X 9.1	8.8 X 11.8	8.9 X 11.8	12.3 X 16.5	11.2 X 14.9	16.5 X 22.0
	WD							17.7	27.2	52.2	75.1	135	172.9
	Magnification							0.777x	0.601x	0.600x	0.431x	0.476x	0.322x
20	2/3"							6.7 X 8.9	8.0 X 10.7	8.9 X 11.9	11.5 X 15.3	11.6 X 15.4	15.4 X 20.5
	1/1.8"							5.4 X 7.2	6.4 X 8.6	7.2 X 9.5	9.3 X 12.3	9.3 X 12.4	12.4 X 16.5
	WD							11	15.8	41	54.8	116.6	136.6
	Magnification							0.985x	0.826x	0.743x	0.574x	0.570x	0.429x
25	2/3"							5.5 X 7.3	6.4 X 8.6	7.5 X 9.9	9.2 X 12.3	9.9 X 13.2	12.3 X 16.4
	1/1.8"							4.4 X 5.9	5.2 X 6.9	6.0 X 8.0	7.4 X 9.9	8.0 X 10.7	9.9 X 13.2
	WD							6.3	9.9	33.4	42.6	103.4	114.8
	Magnification							1.205x	1.029x	0.885x	0.717x	0.665x	0.536x
30	2/3"								5.3 X 7.1	6.4 X 8.6	7.7 X 10.2	8.7 X 11.6	10.3 X 13.7
	1/1.8"								4.3 X 5.7	5.2 X 6.9	6.2 X 8.2	7.0 X 9.3	8.3 X 11.0
	WD								5.7	27.9	34.5	93.5	100.3
	Magnification								1.242x	1.028x	0.860x	0.759x	0.642x
35	2/3"									5.6 X 7.5	6.6 X 8.8	7.7 X 10.3	8.8 X 11.7
	1/1.8"									4.5 X 6.1	5.3 X 7.1	6.2 X 8.3	7.1 X 9.5
	WD									23.7	28.7	85.8	89.9
	Magnification									1.171x	1.002x	0.854x	0.749x
40	2/3"									5.0 X 6.7	5.7 X 7.7	7.0 X 9.3	7.5 X 10.0
	1/1.8"									4.0 X 5.4	4.6 X 6.2	5.6 X 7.5	6.0 X 8.0
	WD									20.5	24.3	79.6	80.5
	Magnification									1.314x	1.149x	0.949x	0.882x
45	2/3"									4.5 X 6.0	5.2 X 7.0	6.3 X 8.4	6.8 X 9.1
	1/1.8"									3.6 X 4.9	4.2 X 5.6	5.1 X 6.8	5.5 X 7.4
	WD									17.9	21.6	74.5	76
	Magnification									1.457x	1.259x	1.044x	0.964x
50	2/3"									4.1 X 5.5	4.6 X 6.1	5.8 X 7.7	6.2 X 8.2
	1/1.8"									3.3 X 4.4	3.7 X 4.9	4.7 X 6.2	5.0 X 6.6
	WD									15.6	18.2	70.2	71.1
	Magnification									1.608x	1.437x	1.139x	1.071x

Image quality could not meet optical specification. Please be careful.

※Indicated values are based on calculation and actual measurements may differ. Please use values as a reference.

※Accuracy of the products is guaranteed only when used without additional attachments. Please note that when using in combination with a close-up ring or other equipment, working distance, distortion and image quality may be distorted due to enlargement of the lens tolerance.