

HR Series

C-Mount Design

A vibration resistant, compact designed lens for high-resolution sensors, up to 2/3" with a pixel size of 4.5 µm, along with an AR coating, transmitting visible to NIR (400–1000 nm).



Product ID	Focal Length	F No.	Max. Sensor Size	Pixel Size Resolving Power	Min. WD	Minimum Closest Magnification	Angle of View (H x V)	TV Distortion @ 500 mm	Filter Thread	Dimensions O.D. x Lens Tube Length (mm)	Weight (g)
LMC-ML-M0818HR	8 mm	f/1.8-f/16	2/3" (11 mm)	4.5 µm 130lp/ mm	100 mm	0.071	58.2° x 44.7°	<1.2%	M25.5 x 0.5	ø 29.5 x 36	60
LMC-ML-M1218HR	12 mm	f/1.8-f/16			150 mm	0.071	40.3° x 30.7°	<0.8%		ø 29.5 x 34	50
LMC-ML-M1618HR	16 mm	f/1.8-f/16			200 mm	0.079	30.8° x 23.3°	<0.2%		ø 29.5 x 33	50
LMC-ML-M2518HR	25 mm	f/1.8-f/16			200 mm	0.113	20.0° x 15.0°	<0.1%		ø 29.5 x 33	50
LMC-ML-M3520HR	35 mm	f/2.0-f/16			200 mm	0.160	14.4° x 10.8°	<0.1%		ø 29.5 x 35.8	40
LMC-ML-M5025HR	50 mm	f/2.5-f/16			300 mm	0.160	10.1° x 7.5°	<0.8%		ø 29.5 x 51.7	50

FF Series

A compact designed lens for large-format area scan and line scan cameras with high-resolution and low distortion optical features. (Focusing available with a variable mount tube.)



Product ID	Focal Length	F No.	Max. Sensor Size	Resolution/Pixel Size	Min. WD	Minimum Closest Magnification	AR Coating	Lens Mount	Filter Thread	Dimensions O.D. x Lens Tube Length (mm)	Optical Distortion (%), Inf, M.O.D.
LMF-ML-2828-35M39	28 mm	f/2.8-f/22	35 mm	4k/7 µm	200 mm	0.13	Vis-NIR	M39	M52 x 0.75	ø 54 x 69.5	-1.473, -1.504
LMF-ML-3528-43M39	35 mm	f/2.8-f/22	43 mm	4k/7 µm, 6k/7 µm, 8k/5 µm	1000 mm	0.035	Vis	M39	M43 x 0.75	ø 45 x 73.8	-0.695, -0.602
LMF-ML-5540-62M35	55 mm	f/4.0-f/16	62 mm	4k/7 µm, 6k/7 µm, 8k/7 µm, 8k/5 µm	216 mm	0.3	Vis	M35	M39 x 0.5	ø 46 x 38.4	-0.100, -0.445
LMF-ML-6540-62M39	65 mm	f/4.0-f/22	62 mm		300 mm	0.4	Vis-NIR	M39	M39 x 0.5	ø 46 x 43.6	-0.278, -0.312
LMF-ML-8040-62M39	80 mm	f/4.0-f/22	62 mm		1000 mm	0.088	Vis-NIR	M39	M40.5 x 0.5	ø 48 x 52.3	-0.173, -0.328
LMF-ML-10040-82M39	100 mm	f/4.0-f/22	82 mm	4k/7 µm, 6k/7 µm, 8k/7 µm, 8k/5 µm, 12k/5 µm, 16k/5 µm	300 mm	0.4	Vis-NIR	M39	M46 x 0.75	ø 50 x 57.5	-0.108, 0.414