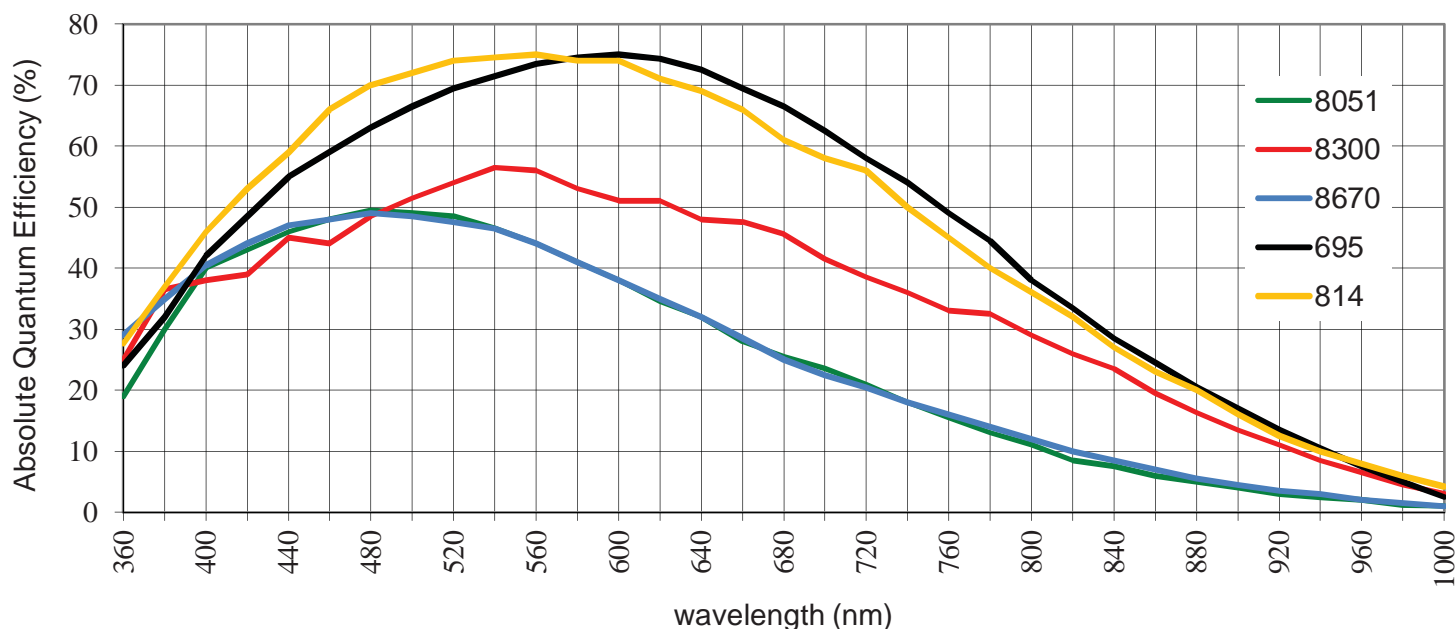


FLI Camera	MLx695	MLx814	ML8051	ML8300	ML8670
Sensor	Sony ICX695	Sony ICX814	ON KAI-08051	ON KAF-8300	ON KAI-08670
Megapixels	6.0	9.1	8.1	8.3	8.6
Resolution	2750 x 2200	3380 x 2704	3296 x 2472	3326 x 2504	3600 x 2400
Pixel Size (micron)	4.54 (20.6 μ^2)	3.69 (13.6 μ^2)	5.5 (30.2 μ^2)	5.4 (29.2 μ^2)	7.4 (54.8 μ^2)
Array Size (mm)	12.5 x 10.0	12.5 x 10.0	18.1 x 13.6	18.0 x 13.5	26.6 x 17.8
Sensor Diagonal	16.0 mm	16.0 mm	22.7 mm	22.5 mm	32 mm
Full Well	18,000 e-	15,000 e-	20,000 e-	25,500 e-	44,000 e-
Read noise	3 e- (1.5 MHz)	3 e- (1.5 MHz)	3.5 e- (1.5 MHz)	11 e- (8 MHz)	8 e- (4 MHz)
Dynamic Range	6000 (75.3 dB)	5000 (73.7 dB)	5700 (74.9 dB)	2320 (67.1 dB)	5500 (74.5 dB)
Video size	1"	1"	4/3"	4/3"	2" (APS-C)

Quantum Efficiency



FLI Figure of Merit: Sensitivity (Totals of QE values at 20 nm intervals)

	Overall 360-1000 nm	Blue 360-520nm	Green 480-600 nm	Red 600-700 nm	Near IR 700-1000 nm
695	1450	460	494	420	459
814	1513	505	514	399	444
8051	805	373	317	182	143
8300	1133	382	371	285	343
8670	828	388	315	181	150