

Color Filter Wheel Specifications	CFW-1-5	CFW-1-8	Precision CFW-2-7	Precision CFW-3-12	Precision CFW-3-20	Precision CFW-4-5	Precision CFW-5-7	Precision CFW-6-6	CenterLine CFW-7-8
Overall Thickness (less motor)	0.81	0.81	0.785	0.85	0.85	0.785	0.8475	0.97	1.1
Weight	1.6 lbs	1.6 lbs	2.6 lbs	6.8 lbs	6.8 lbs	2.8 lbs	4.0 lbs	TBD	TBD
Filter Positions	5	8	7	12	20	5	7	6	8
Recommended Filter Diameter	50mm	28mm	50mm	50mm	25mm	50 x 50 mm (square)	50 x 50 mm (square)	65mm - 79mm	50mm
Filter Thickness Range	1mm - 5mm	1mm - 5mm	1mm - 5mm	1mm - 5mm	1mm - 5mm	1mm - 5mm	1mm - 5mm	1mm - 7.9mm	1mm - 5mm
Number of Internal Filter Wheels	One	One	One	One	One	One	One	One	Two
Homing Device Type	Magnet / Hall Effect	Magnet / Hall Effect	Magnet / Hall Effect	Magnet / Hall Effect	Magnet / Hall Effect	Magnet / Hall Effect	Magnet / Hall Effect	Magnet / Hall Effect	Magnet / Hall Effect
Motor / Drive Type	Stepper / Chain	Stepper / Chain	Stepper / Chain	Stepper / Chain	Stepper / Chain	Stepper / Chain	Stepper / Chain	Stepper / Chain	Stepper / Chain
Software Controlled	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Path increase with FLI Camera	0.540"	0.540"	0.505	0.57	0.57	0.505"	0.57	0.657	0.82
Unvignetted F-ratio with KAI-11002			6.5	6.7	NA	2.3	2.24	1.16	20.5
Frame Side Connection	2.930" Pocket	2.930" Pocket	2.930" Pocket	2.930" Pocket	2.930" Pocket	2.930" Pocket	2.930" Pocket	3.14" Aperture	TBD
Cover Side Connection	2.005" - 24 UNS-2B	2.005" - 24 UNS-2B	2.005" - 24 UNS-2B	2.005" - 24 UNS-2B	2.005" - 24 UNS-2B	3.005" - 24 UNS-2B	3.005" - 24 UNS-2B	3.005" - 24 UNS-2B	TBD
CCD to CFW Cover Side (ProLine)	50.8 mm	50.8 mm	43mm	44.6mm	44.6mm	43mm	44.6mm	46.9mm	51mm
CCD to CFW Cover Side (MicroLine)			37.7mm	39.3mm	39.3mm	37.7mm	39.3mm	41.6mm	45.7mm
CFW drawing (Adobe PDF format)			CFW2.PDF	CFW3.PDF	CFW3.PDF	CFW4.PDF	CFW5.PDF	CFW6.PDF	CFW7.PDF