


Behind the Lens: Documentary Zoom Lens Overview

											
Models	Fujinon MK 18-55	Canon 15.5-47	Canon 30-105	Zeiss 21-100	Fujinon 19-90 Cabrio	Canon 17-55	Canon 24-105	Sony 18-110	Canon 17-120	Fujinon 20-120 Cabrio	Canon 18-80
Zoom Factor	3x	3x	3.5x	4.8x	4.7x	3.2x	4.4x	6.1x	7x	6x	4.4x
MSRP Price	\$3,799	\$23,275	\$23,275	\$9,900	\$29,800	\$829.99	\$999.99	\$3,499	\$26,350	\$9,999 \$13,999 (servo)	\$5,225
Weight	2.16 lbs	4.8 lbs	4.8 lbs	4.4 lbs	4.85 lbs 5.95 lbs (servo)	1.42 lbs	1.47 lbs	2.4 lbs	5.6 lbs (UMS) 6.4 lbs (servo)	5.2 lbs 6.4 lbs (servo)	2.65 lbs
Mount	Sony E, Fuji X	EF, PL	EF, PL	Sony E, EF, MFT, Nik F, PL	PL	EF	EF	Sony E	EF, PL	PL	EF
Max. Aperture	T2.9	T2.8	T2.8	T2.9 - T3.9	T2.9	F2.8	F4	F4	T2.95 - T3.9	T3.5	T4.4
Focus Rotation	200°	300°	300°	294°	200°	Floating - no hard stops	Floating - no hard stops	Hard stops in Full MF setting	180°	200°	Floating - no hard stops
Iris Blades	9	11	11	11	9	7	8	7	11	9	9
Front Diameter	85mm	114mm	114mm	114mm	114mm	77mm threaded	77mm threaded	95mm threaded	114mm	114mm	84mm, 77mm threaded
Minimum Focus	2.8' and 1.25' at macro	1.6'	1.9'	2.6'	2.8'	1.2'	1.48'	3.1' and 1.3' "macro" in AF	2.8' and macro	3.7' and macro	1.7'
The Lens "Essence"	Cine-Style light-weight lens for wide vérité shooting	Beautiful, well built lens for wide vérité shooting when quality is of the utmost importance	Beautiful, well built lens for tight vérité shooting or interviews when quality is of the utmost importance	Cine-style lens for all-around coverage in a relatively light-weight design	Top-tier glass for high-end shoots with a great mid-range coverage	Perfect lens for wide shooting in tight spaces and difficult shooting environments with a compact kit	Perfect lens for tight shooting in difficult shooting environments with a compact kit	Great all-around lens for weddings, corporate and event videos	Top-tier glass for high-end shoots with an unbeatable zoom range	High-end glass for a quality look when tighter focal lengths are required	Hybrid IS and AF-capable zoom with great mid-range coverage