

Canon

EF LENS SPECIFICATIONS

EF LENSES

CANON EF LENS	Focus Drive	Angle of View (Diagonal)	Groups/Elements	Minimum Aperture (f)	Closest Focusing Distance		Length		Weight		Lens Hood	Filter Size (mm)	Lens Cap	Case
					(ft.)	(m)	(in.)	(mm)	(oz.)	(g)				
Single Focal Length														
Fish-eye EF 15mm f/2.8	AFD	180°	7-8	22	0.7	0.2	2-7/16	62.2	11.6	330	Built-in	Gelatin	E-73	LP814
EF 14mm f/2.8L USM	Ultrasonic	114°	10-14	22	0.8	0.25	3-1/2	89.0	19.8	560	Built-in	Gelatin	Exclusive	LP1016
EF 20mm f/2.8 USM	Ultrasonic	94°	9-11	22	0.8	0.25	2-13/16	70.6	14.3	405	EW-75II	72	E-72U	LP1214
EF 24mm f/1.4L USM	Ultrasonic	84°	9-11	22	0.8	0.25	3-1/8	77.4	19.4	550	EW-83DII	77	E-77U	LP1214
EF 24mm f/2.8	AFD	84°	10-10	22	0.8	0.25	1-7/8	48.5	9.5	270	EW-60II	58	E-58	LP811
EF 28mm f/1.8 USM	Ultrasonic	75°	9-10	22	0.8	0.25	2-3/16	55.6	10.9	310	EW-63II	58	E-58U	LP814
EF 28mm f/2.8	AFD	75°	5-5	22	1.0	0.3	1-11/16	42.5	6.5	185	EW-65II	52	E-52	LP1011
EF 35mm f/1.4L USM	Ultrasonic	63°	9-11	22	0.98	0.3	3-2/5	86.0	20.5	580	EW-78CII	72	E-72U	LP1214
EF 35mm f/2	AFD	63°	5-7	22	0.8	0.25	1-11/16	42.5	7.4	210	EW-65II	52	E-52	LP1011
EF 50mm f/1.4 USM	Ultrasonic	46°	6-7	22	1.5	0.45	2	50.5	10.2	290	ES-71II	58	E-58U	LP1014
EF 50mm f/1.8 II	MM	46°	5-6	22	1.5	0.45	1-5/8	41.0	4.6	130	ES-62#	52	E-52	LP1014
EF 85mm f/1.2L USM	Ultrasonic	28° 30'	7-8	16	3.1	0.95	3-5/16	84.0	2.3 lb.	1,025	ES-79II	72	E-72U	LP1219
EF 85mm f/1.8 USM	Ultrasonic	28° 30'	7-9	22	2.8	0.85	2-13/16	71.5	14.9	425	ET-65III	58	E-58U	LP1014
EF 100mm f/2 USM	Ultrasonic	24°	6-8	22	2.9	0.9	2-7/8	73.5	16.1	460	ET-65III	58	E-58U	LP1014
EF 135mm f/2L USM	Ultrasonic	18°	8-10	32	2.95	0.9	4-7/16	112.0	26.3	750	ET-78II	72	E-72U	LP1219
EF 135mm f/2.8 w/ Soft Focus	AFD	18°	6-7	32	4.3	1.3	3-7/8	98.4	13.8	390	ET-65III	52	E-52	LP1016
EF 200mm f/1.8L USM	Ultrasonic	12°	10-12	32	8.2	2.5	8-3/16	208.0	6.6 lb.	3,000	ET-123	48 DI	E-162	Exclusive
EF 200mm f/2.8L II USM	Ultrasonic	12°	7-9	32	4.92	1.5	5-3/8	136.2	26.8	765	ET-83BII	72	E-72U	LP1222
EF 300mm f/2.8L IS USM	Ultrasonic	8° 15'	13-17	32	8.2	2.5	9-7/8	252.0	5.6 lb.	2,550	ET-120	52 DI	E-145	300
EF 300mm f/4L IS USM	Ultrasonic	8° 15'	11-15	32	4.92	1.5	8-11/16	221.0	2.6 lb.	1,200	Built-in	77	E-77U	LZ1128
EF 400mm f/2.8L IS USM	Ultrasonic	6° 10'	13-17	32	9.8	3.0	13-11/16	349.0	11.7 lb.	5,300	ET-155	52 DI	E-180C	400
EF 400mm f/4 DO IS USM	Ultrasonic	6° 10'	13-17	32	11.5	3.5	9-7/16	232.7	4.3 lb.	1,940	ET-120	52 DI	E-145	400B
EF 400mm f/5.6L USM	Ultrasonic	6° 10'	6-7	32	11.5	3.5	10-1/16	256.0	2.8 lb.	1,250	Built-in	77	E-77U	LZ1132
EF 500mm f/4L IS USM	Ultrasonic	5°	13-17	32	14.8	4.5	15-3/16	387.0	8.5 lb.	3,870	ET-138	52 DI	E-163	500
EF 600mm f/4L IS USM	Ultrasonic	4° 10'	13-17	32	18.0	5.5	18	456.0	11.8 lb.	5,360	ET-160	52 DI	E-185	600
EF 1200mm f/5.6L USM i	Ultrasonic	2° 05'	10-13	32	46.0	14.0	33	836.0	36.4 lb.	16,500	Built-in	48 DI	Exclusive	Exclusive
Macro														
MP-E 65mm f/2.8 1-5x Macro*	Manual	18° 40' (at 1x)	8-10	16	0.8	0.24	3-7/8	98.0	25.8	730	-	58	E-58	LP1216
EF 50mm f/2.5 Compact Macro	AFD	46°	8-9	32	0.75	0.23	2-1/2	63.0	9.9	280	-	52	E-52	LP814
EF 100mm f/2.8 Macro USM	Ultrasonic	24°	8-12	32	1.0	0.31	4-11/16	119.0	21.1	600	ET-67	58	E-58U	LP1219
EF 180mm f/3.5L Macro USM	Ultrasonic	13° 40'	12-14	32	1.57	0.48	7-3/8	186.6	2.4 lb.	1,090	ET-78II	72	E-72U	LZ1324
Tilt-Shift														
TS-E 24mm f/3.5L*	Manual	84°	9-11	22	1.0	0.3	3-7/16	87.0	1.2 lb.	570	EW-75BII	72	E-72	LP1216
TS-E 45mm f/2.8*	Manual	51°	9-10	22	1.3	0.4	3-9/16	90.0	1.4 lb.	645	EW-79BII	72	E-72	LP1216
TS-E 90mm f/2.8*	Manual	27°	5-6	32	1.6	0.5	3-7/16	88.0	1.2 lb.	565	ES-65III	58	E-58	LP1016
Extenders														
EF 1.4x II**	-	-	4-5	-	-	-	1-1/16	27.2	7.8	220	-	-	Exclusive	LP811
EF 2x II**	-	-	5-7	-	-	-	2-5/16	57.9	9.3	265	-	-	Exclusive	LP811
Life Size Converter EF***	-	-	3-4	-	-	-	1-3/8	34.9	5.6	160	-	-	R-F-3	LP811
Zooms														
EF 16-35mm f/2.8L USM	Ultrasonic	108°10'-63°	10-14	22	0.92	0.28	4-1/8	103	1.3 lb.	600	EW-83E	77	E-77U	LP1319
EF 17-40mm f/4L USM	Ultrasonic	74°-29°	9-12	22	0.92	0.28	3-3/4	96.8	17.6	500	EW-83E	77	E-77U	LP1319
EF 20-35mm f/3.5-4.5 USM	Ultrasonic	94°-63°	11-12	22-27	1.1	0.34	2-3/4	69.0	11.9	340	EW-83II	77	E-77U	LP1214
EF 24-70mm f/2.8L USM	Ultrasonic	74°-29°	13-16	22	1.25	0.38	4-7/8	123.5	2.1 lb.	950	EW-83F	77	E-77U	LP1219
EF 24-85mm f/3.5-4.5 USM	Ultrasonic	84°-28° 30'	12-15	22-32	1.6	0.5	2-3/4	69.5	13.4	380	EW-73II	67	E-67U	LP1014
EF 28-80mm f/3.5-5.6 II	MM	75°-30°	10-10	22-38	1.25	0.38	2-13/16	71.2	7.0	200	EW-60C	58	E-58	LP814
EF 28-90mm f/4-5.6 II USM	Ultrasonic	75°-27°	8-10	22-32	1.25	0.38	2-13/16	71.0	6.7	190	EW-60C	58	E-58U	LP814
EF 28-90mm f/4-5.6 II	MM	75°-27°	8-10	22-32	1.25	0.38	2-13/16	71.0	6.3	180	EW-60C	58	E-58	LP814
EF 28-105mm f/3.5-4.5 II USM	Ultrasonic	75°-23° 20'	12-15	22-27	1.6	0.5	3	75.0	13.1	375	EW-63II	58	E-58U	LP814
EF 28-105mm f/4-5.6 USM	Ultrasonic	75°-23° 20'	9-10	22-32	1.57	0.48	2-11/16	68.0	7.4	210	EW-63B	58	E-58U	LP814
EF 28-135mm f/3.5-5.6 IS USM	Ultrasonic	75°-18°	12-16	22-36	1.6	0.5	3-13/16	96.8	18.9	540	EW-78BII	72	E-72U	LP1116
EF 28-200mm f/3.5-5.6 USM	Ultrasonic	75°-12°	12-16	22-36	1.5	0.45	3-1/2	89.6	17.6	500	EW-78D	72	E-72U	LP1116
EF 35-80mm f/4-5.6 III	MM	63°-30°	8-8	22-32	1.3	0.4	2-1/2	63.5	6.1	175	EW-54II	52	E-52	LP814
EF 35-350mm f/3.5-5.6L USM	Ultrasonic	63°-3° 30'	15-21	22-32	2.0	0.6	6-9/16	167.0	3.0 lb.	1,385	EW-78II	72	E-72U	LZ1324
EF 70-200mm f/2.8L IS USM	Ultrasonic	34°-12°	18-23	32	4.6	1.4	7-13/16	198.1	3.2 lb.	1,470	ET-86	77	E-77U	LZ1324
EF 70-200mm f/2.8L USM	Ultrasonic	34°-12°	15-18	32	4.9	1.5	7-5/8	193.6	2.9 lb.	1,310	ET-83II	77	E-77U	LZ1324
EF 70-200mm f/4L USM	Ultrasonic	34°-12°	13-16	32	3.9	1.2	6-7/8	172.0	25.0	710	ET-74	67	E-67U	LP1224
EF 75-300mm f/4-5.6 IS USM	Ultrasonic	32°11'-8°15'	10-15	32-45	4.9	1.5	5-7/16	137.2	1.5 lb.	670	ET-64II	58	E-58U	LP1022
EF 75-300mm f/4-5.6 III USM	Ultrasonic	32°11'-8°15'	9-13	32-45	4.9	1.5	4-13/16	122.1	16.8	480	ET-60	58	E-58U	LP1019
EF 75-300mm f/4-5.6 III	MM	32°11'-8°15'	9-13	32-45	4.9	1.5	4-13/16	122.1	16.8	480	ET-60	58	E-58	LP1019
EF 80-200mm f/4.5-5.6 II	MM	30°-12°	7-10	22-27	4.9	1.5	3-1/8	78.5	8.8	250	ET-54	52	E-52	LP1014
EF 100-300mm f/4.5-5.6 USM	Ultrasonic	24°-8° 15'	10-13	32-38	4.9	1.5	4-3/4	121.0	1.2 lb.	540	ET-65III	58	E-58U	LP1019
EF 100-400mm f/4.5-5.6L IS USM	Ultrasonic	24°-6° 10'	14-17	32-40	5.9	1.8	7-7/16	189.0	3.0 lb.	1,360	ET-83C	77	E-77U	LZ1324

For Best Results with your Canon EOS Camera Use Original Canon EF Lenses.

As an owner of a Canon EOS camera, you will achieve the best results in your photography using Canon's own EF lenses. Each EOS camera body and each EF lens has its own built-in micro-computer. These microcomputers store a range of special data to ensure the smooth operation of bodies and EF lenses which support two-way digital communications between each part to allow exchange of information. Since the EOS System's market launch in 1987, new functions have been added on a continuing basis. These improvements include adding Image Stabilizer to some lenses, speeding up the AF function, increasing the number of focusing points, and the addition of the Eye Controlled Focus™ Function. As the system's range of functions has evolved, the nature of the basic system of communications between lens and body has evolved as well, ensuring that complete compatibility is maintained. This process of evolution will continue in the future with the addition of more new specifications, resulting in still further gains in reliability. **Accordingly, in order to realize the maximum performance of the EOS system and thereby achieve the highest possible photographic quality, we recommend that you use Canon EF lenses and Canon brand name accessories, since they are designed and manufactured to match the special qualities of your EOS camera.**

USM = Ultrasonic Motor; AFD = Arc Focus Drive; MM = Micro Motor; DI = Drop-in Filter; L = L-Series Professional Lens; # = With Hood Adapter 62

* TS-E AND MP-E lenses are manual focus only, with automatic diaphragm.
 ** Extenders EF 1.4x II and EF 2x II are for exclusive use with EF 70-200mm f/2.8L IS, 70-200mm f/2.8L IS, 70-200mm f/4L IS, 100-400mm f/4.5-5.6L, 400mm f/4 DO, 135mm f/2L Macro, 180mm f/5.6L Macro, 200mm f/1.8L, 200mm f/2.8L, 300mm f/2.8L IS, 300mm f/4L IS, 400mm f/2.8L IS, 400mm f/5.6L, 500mm f/4L IS, 600mm f/4L IS, and 1200mm f/5.6L (Manual focus only when EF 1.4x II is used with EF 100-400mm f/5.6L, 400mm f/5.6L, 500mm f/4.5L, 1200mm f/5.6L, and with 180mm f/3.5L Macro when focused closer than 2.6 feet; or with Extender EF 2x II when used with EF 70-200mm f/4L, 100-400mm f/4.5-5.6L, 180mm f/3.5L Macro, 300mm f/4L IS, 300mm f/4L, 400mm f/4 DO, 400mm f/5.6L, 500mm f/4L, 500mm f/5.6L, 600mm f/4L, and 1200mm f/5.6L).

*** Life Size Converter EF is for exclusive use with EF 50mm f/2.5 Compact Macro.

= Special Order Item

Rear Cap for EF Lenses = Lens Dust Cap E.

Body Cap for EOS Cameras, Life Size Converter EF = Camera Cover R-F-3.