



CANON FD

Lens Set

CANON FD

The Canon FD lenses were originally produced from the early 1970s through the late 1980s, proudly rehoused to meet modern cinematic standards. Initially released in two phases—the earlier SC/SSC and the later nFD/FD-L—these lenses were highly regarded for their similarity to the esteemed Canon K-35 cine lenses, known for their full-frame coverage.

In response to the cinematographic potential of these lenses, GLO introduced an innovative rehousing project. This transformation involved integrating a circular iris with 14 to 16 blades, which mimics the bokeh effect of the Canon K-35 lenses and provides a distinct, cinematic look at various aperture settings. The redesigned housing incorporates a heliocoil focus system that is compatible across all models, including those with floating elements, enhancing their functionality in film production.

The FD-X series was developed to expand the FD line with faster lenses, such as the 18mm T1.6 and 70mm T1.3, using original Canon FD lenses modified with wide-angle adaptors. This extension creates a versatile set of lenses that now ranges from 14mm to 500mm, fulfilling a wide spectrum of shooting requirements.

Despite the diversity in focal lengths and specifications, the rehoused lenses maintain a consistent design ethos. Most models boast a front diameter of 110mm, except for the 18mm FD-X, which varies depending on the choice of a Zunow or Angenieux wide-angle adaptor, extending up to 143mm. All models feature internal focusing, standardized placement of iris and focus gears, and nearly 300 degrees of focus rotation. They come equipped with a PL mount, ensuring compatibility with a wide range of film cameras.

This strategic rehousing enhances the legacy of Canon FD lenses by adapting them for contemporary use while preserving their vintage charm and optical excellence. This blend of historical quality and modern innovation provides filmmakers with reliable tools that enhance creative expression.



Lens	Model	Focal Length	Enhanced CF	Focus Rotation	Weight (KG)	Front Diameter	Length (mm)	Image Circle	Iris Blade Count	Tstop
CANON EF	USM	14	8"	180°	1.2	110	80.5	RED W 8K VV	15	T2.9
CANON FD	NFD	20	11"	170°	0.95	110	66.5	RED W 8K VV	15	T2.9
CANON FD	NFD L	24	12"	170°	1.1	110	75	REF 45 25	15	T1.5
CANON FD	SSC ASPH	24	1'1"	170°	1.1	110	75	REF 45 25	15	T1.5
CANON	CNE	24	11"	330°	1.3	110	92	RED W 8K VV	15	T1.5
CANON FD	NFD	24	1'1"	160°	1.1	110	68	REF45 25	15	T2.1
CANON FD	NFD	28	11.8"	170°	1.05	110	67	REF45 25	15	T2.1
CANON FD	SSC	28	7.1"	330°	1.05	110	60	HAWK 65 2.4	15	T2.1
CANON FD	NFD	35	1'1"	170°	1	110	75	REF4 5 25	15	T2.1
CANON FD	CONCAVE	35	1'2"	170°	1.15	110	75	REF45 25	15	T2.1
CANON FD	CONVEX	35	1'2"	170°	1.15	110	75	REF45 25	15	T2.1
CANON FD	SSC ASP	55	1'4"	330°	1.3	110	94	HAWK 65 2.4	15	T1.3
CANON FD	SSC	55	1'1"	330°	1.25	110	94	HAWK 65 2.4	15	T1.3
CANON FD	L	85	2'9"	330°	1.4	110	94	ALEXA 65	15	T1.3
CANON FD	SSC ASP	85	2'9"	330°	1.45	110	94	ALEXA 65	15	T1.3
CANON FD	NFD	100	2'2"	330°	1.4	110	115	ALEXA 65	15	T2.1
CANON FD	NFD	135	3'1"	330°	1.6	110	126	ALEXA 65	15	T2.1
CANON FD	-	200	5.10"	330°	1.6	110	135	ALEXA 65	15	T2.9
YASHICA	-	45	1'1"	330°	1.05	110	82	FULL FRAME 35	15	T1.5

GL OPTICS

At GL Optics, we are proud pioneers in the art of lens rehousing. Now on our Mk V lens body, we have established a reputation for excellence.

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