



TECHNICAL OERVIEW

## CANON FD 50-300MM

The Canon 50-300mm FD lens is a versatile vintage full-frame zoom lens that serves as a perfect complement to the classic prime lenses in any collection. Offering a substantial 6x zoom range, this lens transitions smoothly from standard to telephoto focal lengths while remaining relatively compact.

Like its FD prime counterparts, the 50-300mm excels in performance even when wide open, showcasing distinctive character traits that set it apart from modern lenses. Its bokeh is notably textured yet remains pleasingly smooth, enhancing the visual appeal of the out-of-focus areas. Additionally, the lens produces aesthetically pleasing flares, a feature that is not commonly found in lenses with such a broad zoom range.

From a technical standpoint, the lens is designed to meet the exacting standards of cinema production. It is parfocal, maintaining focus throughout the zoom range, and exhibits no light falloff or ramping when zooming—a critical feature for consistent exposure in film. The close focusing capability of the lens has been significantly enhanced, and it now offers a generous focus rotation, allowing for precise focus adjustments even at longer focal lengths.

The lens has been updated with a new 15-blade circular iris, replacing the older design that could produce octagonal bokeh shapes when stopped down. This update ensures beautifully round bokeh shapes that are more aesthetically pleasing in out-of-focus light points. It has been adapted to a PL mount and is equipped with industry-standard 0.8 module gears for compatibility with modern filmmaking equipment. The lens supports a standard 136mm front diameter and is compatible with 4x5.65 matte boxes. It also includes a 3/8" lens support for additional stability.

This combination of vintage optical character and modern technical enhancements makes the Canon 50–300mm FD lens a valuable asset for filmmakers and photographers looking to blend classic image quality with contemporary performance.





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## SINGLE LENS SPECIFICATIONS

Lens	Focal Length	Enhanced CF	Focus Rotation	Weight (KG)	Front Diameter	Length (mm)	Image Circle	Iris Blade Count	<del>-</del> Tstop
CANON FD	50-300	6"	330°	5.5	136	_	36x24	15	T4.9

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