



TECHNICAL OERVIEW

## **LEICA** R APO **70-180MM**

The Leica Vario-Apo-Elmarit-R 70-180mm f/2.8 zoom lens represents a masterpiece of modern optical engineering, designed to provide unparalleled performance across its versatile zoom range. Introduced in 1995, this lens quickly became renowned for its ability to deliver prime lens quality in a zoom format.

Engineered with apochromatic correction, the Leica 70-180mm minimizes chromatic aberrations, ensuring high contrast and sharpness even at its maximum aperture of f/2.8. This fast aperture allows for excellent control over depth of field, producing beautifully smooth boken and impressive subject isolation, which are crucial for cinematic storytelling.

The lens comprises 13 elements in 10 groups, utilizing a variety of optical glasses to achieve its remarkable image quality. This complex construction ensures that images are rendered with exceptional clarity and vibrant color accuracy throughout the zoom range. Whether capturing close-ups or medium-range shots, the Leica 70-180mm provides consistent and reliable performance, making it a versatile tool for filmmakers.

Overall, the Leica Vario-Apo-Elmarit-R 70-180mm f/2.8 is a stellar example of how modern zoom lenses can rival prime lenses in optical performance. Its combination of exceptional image quality, versatile focal range, and robust construction makes it an invaluable asset for filmmakers seeking to enhance their visual storytelling with a lens that delivers both technical excellence and artistic flexibility.





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## ZOOM LENS SPECIFICATIONS

Lens	Focal Length	Enhanced CF	Focus Rotation	Weight (KG)	Front Diameter	Length (mm)	Image Circle	Iris Blade Count	Tstop
LEICA R	70-180	4'	330°	4.2	136	237.4	REF 45x25	15	T2.9

## **GL OPTICS**

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