



RF85mm F1.4 L VCM

Specifications

Lens	
Focal Length	85mm
Maximum and Minimum Aperture	f/1.4 - f/16
Lens Mount Type	RF Mount
Compatible Cameras	Canon EOS R-series, APS-C and full-frame
Minimum Focusing Distance	0.75m (2.46 ft.)
Maximum Magnification	0.12x
Field of View, at Minimum Focus Distance	Approx. 283mm × 190mm (7.7" x 5.1")
Angle of View (Diagonal)	Approx 28° 30'
Optical Design	
Lens Construction	14 elements in 10 groups
Special Elements	(One) UD Lens, (One) Aspheric Lens
Lens Coating	Canon ASC (Air Sphere Coating), SSC (Super Spectra Coating), Fluorine Coating
Filter Size Diameter	ø67 mm
Aperture Blades	11
Image Stabilization (yaw/pitch directions)	N/A
Focusing	
Focusing Drive System	VCM (Voice Coil Motor)
Full-time Manual Focusing	Yes (Supports both ONE SHOT AF and SERVO AF with compatible EOS R-series cameras)
Dual Pixel CMOS AF Coverage (Horizontal x Vertical)	<ul style="list-style-type: none">• EOS R — Approx. 88% x 100%• EOS R5/R6 — Approx. 100% x100% (With face + tracking-priority AF)• EOS R1/R3/R5 Mark II/R6 Mark II/R8 — Approx. 100% x100% (Whole area AF)• EOS R7/R10/R50 — Approx. 100% x 100% (Whole area AF)
Exterior Design	
Control Ring	Provided
Manual Focus Ring	Electronic ring system <ul style="list-style-type: none">• Full-time Manual focus possible• No physical limit to ring rotational angle
AF/MF Switch	Provided
Iris Ring	Provided
Aperture value adjustment steps	During movie shooting: 1/32 stop; during still photo shooting: adjust on camera
Lens Function Button	Provided

Distance Scale	None • Distance scale available in EVF or Live View LCD screen of compatible EOS R-series cameras
Distance Limiter Switch	None
Dust / Weather Resistant Construction	Yes
Dimensions, Weight	
Maximum Outer Diameter x Length	Approx. ø3.0 in. x 3.9 in. (ø76.5mm x 99.3mm)
Weight	Approx. 1.4 lbs (22.43 oz)
Accessories	
Lens hood	Canon ET-73C • Cylindrical, 2-catch detachable bayonet hood attachable in reverse. (Bundled)
Lens Cap	(Front) Canon E-67II (center pinch-type) (Bundled)
Dust Cap	Canon Lens Dust Cap RF (Bundled)
Lens Case	Canon Lens Case LP1219 (Bundled)
Extension Tubes	None (No Canon RF mount extension tubes)
Close-up Lenses 250D / 500D	None (No ø67mm size available)
Canon RF Extender 1.4x/2x	Not compatible
Canon Gelatin Filter Holder III/IV	Not compatible
Rear Gelatin Filter Holder	Not compatible