



RF24-105mm F2.8 L IS USM Z

Specifications

Lens	
Focal Length	24-105 mm
Maximum and Minimum Aperture	f/2.8 - f/22
Lens Mount Type	RF Mount
Compatible Cameras	Canon EOS R-series, full-frame and APS-C (focal length equivalent to approx. 38.4-168mm when used on an APS-C camera)
Minimum Focusing Distance	0.45 m/1.48 ft. (at 24 mm), 0.45 m/1.48 ft. (at 105 mm)
Maximum Magnification	0.08x (at 24 mm), 0.29x (at 105 mm)
Field of View, at Minimum Focus Distance	24mm: approx. 16.0 x 10.7 in. (408 x 272mm); 105mm: approx. 4.8 x 3.2 in. (121 x 80mm)
Angle of View (Diagonal)	Approx. 84° - 23° 20'
Optical Design	
Lens Construction	23 elements in 18 groups
Special Elements	4 UD elements, 3 Aspheric elements
Lens Coating	Canon SSC (Super Spectra Coating), ASC (Air Sphere Coating), Flourine coating
Filter Size Diameter	ø82 mm
Aperture Blades	11
Image Stabilization	5.5 stops correction with In-lens Optical Image Stabilization (8.0 stops correction with EOS R series in-body coordinated Image stabilization)
Focusing	
Focusing Drive System	(Two) Canon Nano USM focus motors
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/RP/Ra/R100 — Approx. 88% x 100%• EOS R5/R6 — With face + tracking-priority AF: Approx. 100% x 100% Other than with face + tracking-priority AF: Approx. 90% x 100%• EOS R3, R6, Mark II, R8 R7, R10, R50 — For whole area AF: Approx. 100% x 100% For non-whole area AF when subject has been detected: Approx. 100% x 100% When subject has not been detected: Approx. 90% x 100%
Exterior Design	
Control Ring	Yes, with click stops (click stops can be removed by a Canon service facility, for a fee)
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	Yes
Distance Scale	None (Electronic distance scale possible in viewfinder or LCD monitor, with compatible EOS R-series cameras)
Distance Limiter Switch	Provided: Full/1 m to infinity
Dust / Weather Resistant Construction	Yes
Dimensions, Weight	
Maximum Outer Diameter x Length	Approx. ø3.5 in. (ø88.5mm) x 7.8 in. (199mm)
Weight	Approx. 46.9 oz. / 2.9 lbs. / 1330g
Accessories	
Lens Hood	Canon Lens Hood EW-88E (Bundled)
Lens Cap	Canon Lens Cap E-82 II (Bundled)
Dust Cap	Canon Lens Dust Cap RF (Bundled)
Lens Case	Canon Lens Case LZ1326 (B) (Bundled)
Lens Holder	Canon Lens Holder LH-E1 (not bundled, sold separately)
Extension Tubes	None (No Canon RF mount extension tubes)
Close-up Lenses 250D / 500D	Not compatible
Canon RF Extender 1.4x/2x	Not compatible
Canon Gelatin Filter Holder III/IV	Not compatible