

Specifications

Lens	
Focal Length	16mm
Maximum and Minimum Aperture	F2.8 – F22
Lens Mount Type	RF Mount; Metal Mount
Compatible Cameras	Canon EOS R-series, including full-frame
Minimum Focusing Distance	5.1 in. / 0.43 ft. / 0.13m
Maximum Magnification	0.26x
Field of View, at Minimum Focus Distance	Approx. 5.3 x 3.5 in. (134 x 90mm)
Angle of View (Diagonal)	Approx. 108°10"
Optical Design	
Lens Construction	9 elements in 7 groups
Special Elements	(One) Aspherical element
Lens Coating	Canon SSC (Super Spectra Coating)
Filter Size Diameter	Ø43mm
Aperture Blades	7; circular shape
Image Stabilization	None (with EOS R5 in-body stabilization – 5.5 stops correction)
Focusing	
Focusing Drive System	Canon STM (Stepping motor; gear-type)
Full-time Manual Focusing	Yes (after One-Shot AF; after 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 — Approx. 88% x 100% • EOS R5/R6 — Approx. 90% x 100% Face Detect + Tracking – Approx. 100% x 100%
Exterior Design	
Control Ring	Dual-function Manual focus ring / Control Ring (selected with switch on lens) • No clicks when set to Control Ring function
Manual Focus Ring	Electronic ring system • Full-time Manual focus possible • No physical limit to ring rotational angle
AF/MF Switch	None — focus mode selected in camera menu
MF/Control Ring Switch	Provided on lens barrel
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	None
Dimensions, Weight	
Maximum Outer Diameter x Length	Approx. 1.6 in. x 2.7 in. (40.1 x ø69.2mm)
Weight	Approx. 5.8 oz. / 0.4 lb. / 165g
Accessories	
Lens hood	Canon EW-65C <ul style="list-style-type: none"> • Bayonet-mount, petal-shaped hood • Optional accessory, sold separately
Lens Cap	(Front) Canon E-45 (center pinch-type) (Bundled) (Rear) Canon Dust Cap RF
Dust Cap	Canon Lens Dust Cap RF (Bundled)
Lens Case	Canon Lens Case LP1014 <ul style="list-style-type: none"> • Optional accessory, sold separately
Extension Tubes	None (No Canon RF mount extension tubes)
Close-up Lenses 250D / 500D	None (no ø43mm size available)
Canon RF Extender 1.4x/2x	Not compatible
Canon Gelatin Filter Holder III/IV	Not compatible