

RF 85mm F1.4L VCM

A PORTRAIT CLASSIC, REINVENTED

The RF 85mm F1.4L VCM sits in the L-series Pro Lenses range as part of Canon's pioneering hybrid prime lens lineup, designed for portraits, events and video.

85mm hybrid prime lens

Fast, bright f/1.4 aperture

VCM focus motor⁵

Custom button and Control ring

Dedicated Iris Ring⁴

11-blade circular aperture



⁴ Various limitations apply to some cameras; we recommend installing the latest Firmware update on your camera for best performance. Even with latest Firmware update on EOS R, RP, Ra, R3, R5, R6, R6 Mark II, R7, R8, R10, R50, R100 and EOS R5C when shooting still photos, the aperture value cannot be set using the iris ring.

⁵ Important: The Voice Coil Motor in the lens emits a low-level magnetic field. While generally safe to use, we advise consulting your doctor if you have a pacemaker or any other medical device to address any concerns. When the lens is not connected to the camera or when the camera is off may cause internal noise from the lens's components. This is normal and not a malfunction. Minor movements during transportation do not affect performance.

Every portrait becomes a masterpiece

A flattering 85mm focal length and uncompromising optical quality make the RF 85mm F1.4L VCM ideal for portraiture. Aspherical and UD elements plus advanced coatings ensure crisp portraits and soft backdrops.

Exceptional artistic freedom, even in low light

Enjoy creative depth-of-field control and brilliant low-light performance for stills and video, thanks to an ultra-wide f/1.4 maximum aperture and cinematic 11-blade iris.

Lightweight design with effortless handling

Work instinctively with a lens that shares the uniform design of the F1.4 hybrid prime range. At around half the size and weight of the RF 85mm F1.2L USM, the RF 85mm F1.4L VCM is built for shooting on the move.

Focus on emotion with rapid precision

Bring spontaneous moments into sharp relief thanks to high-speed VCM⁵ AF technology. The powerful AF actuator ensures controlled video focus pulls, with minimal focus breathing for a natural look.

Fluid control for hybrid artistry in stills and video

Adapt the lens to suit your shooting style, with a customisable Lens Control Ring and Lens Function Button. An Iris Ring⁴ offers smooth aperture control for video, as well as stills with selected cameras.



RF 20mm F1.4L VCM



RF 24mm F1.4L VCM



RF 35mm F1.4L VCM

PRODUCT RANGE



RF 50mm F1.4L VCM



RF 85mm F1.4L VCM



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OPTICAL FEATURES/SPECIFICATIONS

Image size	Full frame
Angle of view (horzntl, vertl, diagnl)	24°, 16°, 28° 30'
Lens construction (elements/groups)	14/10
Special optics	1x UD 1x Gmo Aspherical
Special features	Iris Ring (Video) ⁴
No. of diaphragm blades	11
Minimum aperture	16
Closest focusing distance (m)	0.75
Maximum magnification (x)	0.12
Control Ring	Yes
Image stabilizer IBIS x OIS ¹	CIPA-2024 standard: center 8.0 stops and corner 7.0 stops
AF actuator	VCM ⁵
Coatings	ASC, Super Spectra
Fluorine	Front

PHYSICAL SPECIFICATIONS

Dust/moisture resistance ³	Yes
Filter diameter (mm)	67
Max. diameter x length (mm) ²	76.5 x 99.3
Weight (g)	636

ACCESSORIES

Lens cap	E-67II
Lens hood	ES-73C
Lens case/pouch	LP1219
Rear cap	Lens Dust Cap RF
Extender Compatibility	Not Compatible
Other Accessories	Canon 67 mm Protect Lens Filter Canon PL-C B 67 mm Circular Polarising Filter

Footnotes:

- ^[1] Tested under CIPA standards. Lenses released after July 2024 tested under CIPA-2024 standard in the yaw/pitch (+ roll in case of IBIS) directions at maximum focal length, with a specific camera.
- ^[2] Lens dimensions when in retracted state
- ^[3] Lenses with dust/moisture resistance are fitted with a rubber ring on the lens mount which may cause slight abrasion of the camera mount. This in no way effects either the lens or camera performance.
- ^[4] Various limitations apply to some cameras; we recommend installing the latest Firmware update on your camera for best performance. Even with latest Firmware update on EOS R, RP, Ra, R3, R5, R6, R6 Mark II, R7, R8, R10, R50, R100 and EOS R5C when shooting still photos, the aperture value cannot be set using the iris ring.
- ^[5] Important: The Voice Coil Motor in the lens emits a low-level magnetic field. While generally safe to use, we advise consulting your doctor if you have a pacemaker or any other medical device to address any concerns. When the lens is not connected to the camera or when the camera is off may cause internal noise from the lens's components. This is normal and not a malfunction. Minor movements during transportation do not affect performance.
- ^[6] Specifications are subject to change without notice. We reserve the right to modify or update product features and specifications at any time without prior notice.

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Sales Start Date: 30th September 2025



Product details

Product Name	Mercury Code	EAN Code
RF 85mm F1.4L VCM	7240C005AA	4549292249484

Compatible Accessories

Accessory Name	Mercury Code	EAN Code
LENS HOOD ET-73C	4516C001AA	4549292180909
LENS CAP E-67 II	6316B001AA	4960999845869
LENS DUST CAP RF	2962C001AA	4549292115604
LENS CASE LP1219	2791A001CA	4960999470832

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Measurement / logistic information

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (cm)	Width (cm)	Height (cm)	Net Weight (kg)	Gross Weight (kg)
RF 85mm F1.4L VCM	7240C005AA	EA	Each	1	13.7	13.7	26.5	0.788	0.79
		CT	Carton	6	43	29.2	34.9	-	6.97
		EP	Euro Pallet	108	120	80	117.7	-	140.46
			Layers per Pallet	3					
			Cartons per Layer	6					
			Products per layer	36					

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What's in the box

RF 85mm F1.4L VCM

- Lens RF 85mm F1.4L VCM
- Lens Cap E-67 II
- Lens Dust Cap RF
- Lens Hood ET-73C
- Lens Case LP1219
- Manual



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