

SONY

SEL50F18F

Full-frame E-mount Fast Prime Lens

This 50mm Full-frame E-mount Fast Prime Lens offers a focal length that is perfect for portraiture and a range of other subjects. A bright F1.8 maximum aperture, 7-blade circular aperture and aspherical element deliver impressive image quality with beautifully defocused background bokeh, all in a surprisingly compact and lightweight package



Key Features

Smooth defocusing

The F1.8 maximum aperture opens up a world of beautiful prime-lens bokeh. The large F1.8 maximum aperture is also an advantage when shooting night scenes or in dimly lit interiors. When used with an α series camera body that features in-body image stabilization, even greater low-light capability enables handheld capture of clear images in dark scenes without having to use excessively high ISO sensitivity.

7-blade circular aperture

The 7-blade circular aperture maximizes the beauty of large-aperture prime-lens, contributing to impressive images in which the subject stands out against a smoothly defocused background bokeh.

Refined optical performance

The lens has an innovative optical design to achieve clear, high-quality images by effectively minimizing distortion and chromatic aberration. A double-gauss configuration effectively suppresses field curvature and distortion, while a precisely placed aspherical element controls spherical aberration and coma for excellent optical characteristics right out to the image periphery. An aspherical element in a new optical design controls all types of aberration (spherical, coma, distortion), rendering the subject with superior sharpness.

Solid Durability

Designed for reliability in a wide range of environments, the metal mount adds a sophisticated feel as well as solid durability.

Fast, agile focusing

Fast and accurate autofocus is achieved with a newly developed DC motor focus actuator system which drives all lens groups for optimum focus precision and speed as well as quiet operation.

Specifications

Optics/Lens	
Lens Type	35mm Full-frame
Lens Mount Type	Sony E-mount
Aperture	Circular
Aperture (Max.)	f/1.8
Aperture (Min.)	f/22
Focal Length (35mm equivalent)	50mm (35mm) 75mm (APS-C)
Filter Diameter	49 mm
Lens Groups-Elements	5 groups, 6 elements
Minimum Focus Distance	1.48' (0.45 m)
Angle of View	47° (35mm) 32° (APS-C)
Aperture Blade	7 blades (Circular aperture)
Aspheric Elements	1 aspheric
Maximum Magnification	0.14x



Tele-converter Compatibility - 1.4x	No
Tele-converter Compatibility - 2.0x	No
Weights and Measurements	
Dimensions (Approx.)	2-3/4 x 2-3/8" (68.6 x 59.5mm)
Weight (Approx.)	6.6 oz (186g) (Without tripod mount)
Accessories	
Supplied Accessories	ALC-SH146 Round shape, bayonet type ALC-F49S Lens front cap ALC-R1EM Lens rear cap

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