



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 defocussed 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

© 2016 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony is not responsible for typographical and photographic errors. Features and specifications are subject to change without notice. Sony, G Master™, the Alpha logo and the Sony logo are trademarks of Sony Corporation. AVCHD™ is a trademark of Panasonic Corporation and Sony Corporation. All other trademarks are trademarks of their respective owners. / UPC:027242898653 / Updated: August 14, 2017