

CineAlta PL Mount Prime Lenses

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SCL-PK6/F (Feet Model)

SCL-PK6/M (Meter Model)

6 x PL Mount Prime Lens Set (20/25/35/50/85/135 mm T2)

SCL-PK3/F (Feet Model)

SCL-PK3/M (Meter Model)

3 x PL Mount Prime Lens Set (20/25/135 mm T2)



4K

New Generation PL Mount Prime Lenses

Sony's new generation of PL mount prime lenses has been developed for its new CineAlta™ 4K cameras, the F55 and F5. Backed by decades of expertise in optical designing, these lenses ensure high resolution, excellent color rendition, low distortion, and mechanical durability. The addition of the F55 and F5 cameras and these high-performing yet reasonably priced prime lenses to the CineAlta product lineup makes Super 35 mm production more accessible than ever before.

Main Features

Unified Mechanical Design

These prime lenses have robust, metal housing. Focal lengths are 20, 25, 35, 50, 85, and 135 mm, all with an aperture of T2. All have the same front diameter and same lens length except the 135 mm lens. Geared lens rings are all in the same relative locations. They each have a 9-bladed iris, and the focus ring rotates 240°. With this consistency, you can concentrate on delivering a desired look without taking time to adjust and exchange lenses.

Consistent T-Stop at T2

All six lenses have an open aperture of T2, which facilitates production in extreme low-light conditions. This also allows full control of selective depth of field, so you can shoot with shallow depth of field to get a beautiful bokeh.

Color Matching

Since advanced glasses are employed to ensure unified color characteristics, the whole set of prime lenses are carefully color matched. This saves you worrying about matching colors in post.

4K Resolution, Minimized Distortion

Each lens is certified for 4K capture, while minimizing chromatic aberration, geometric distortion, vignetting, and breathing. Thus, the footage shot with these lenses will be well suited to chroma keys, and easily matched with computer-generated imagery.



Vignetted image



Un-vignetted image

Images are for illustrative purposes only.



Dimensions

- A. Front diameter: Ø 114 mm (4 1/2 inches)
- B. External diameter: Ø 118 mm (4 3/4 inches)
- C. Length (from lens mount to front)
 - [20/25/35/50/85 mm]: 120 mm (4 3/4 inches)
 - [135 mm]: 145 mm (5 3/4 inches)
- D. Full length [20/25 mm]: 137 mm (5 1/2 inches)
 - [35/50/85 mm]: 135.5 mm (5 3/8 inches)
 - [135 mm]: 160 mm (6 3/8 inches)

Meter Model



Specifications

	SCL-PK6 (20/25/35/50/85/135 mm)/SCL-PK3 (20/25/135 mm)					
Focal length	20 mm	25 mm	35 mm	50 mm	85 mm	135 mm
Operating temperature	0°C to 40°C (32°F to 104°F)					
Storage temperature	-20°C to +60°C (-4°F to +140°F)					
Mass	2.3 kg (5 lb 1 oz)	2.2 kg (4 lb 14 oz)	2.1 kg (4 lb 10 oz)	2.0 kg (4 lb 7 oz)		2.4 kg (5 lb 5 oz)
Dimensions	Shown on previous page					
T-stop range	T2 to T22					
Flange back	52 mm (in air)					
Minimum object distance (from image plane)	0.25 m (10")		0.35 m (1'2")	0.50 m (1'8")	0.85 m (2'9")	
Focus rotation	240°					
Number of aperture blades	9					
Filter mounting screw	M 95 mm, pitch 1.0 mm (excluding 20 mm)					
Mount system	PL mount					
Supplied accessories	Front cap (1) per lens, Rear cap (1) per lens, Shim set (7 pieces) (1), Operating Instructions (1)					



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