

# Canon PL CINEMA PRIME Lens

*Sumire Prime*



CN-E14mm T3.1 FP X



CN-E20mm T1.5 FP X



CN-E24mm T1.5 FP X

## CN-E FP X CINEMA PRIME LENS

### Artistically Pleasing Image Rendering

In addition to the EF Prime series the new PL Prime series called “Sumire Prime” offers increased creative possibilities. High optical performance and a warm, natural tone are combined to create more impressive images while maintaining image quality. Image expressiveness has been broadened thanks to bright T-stops enabling softer and enhanced bokeh. This brings out the high quality of 4K cinema images in all their glory.

### 11-Blade Iris

The bright T-number of a fixed focal length lens and multi-blade iris diaphragm produce natural blur effects closer to a circle, from maximum to minimum aperture. This enables more three-dimensional bokeh with the deeper depth of field that a super wide angle lens can offer, broadening the range of visual expression.

### Supports 35mm Full Frame

Compatibility with CINEMA EOS SYSTEM - EOS C700 FF and other top-quality full frame cameras helps users produce premium-quality images. With a Super 35mm camera the CN-E20mm T1.5 FP X can be used as an approximately 29.2mm equivalent lens (35mm film equivalent) for use in a wide range of shooting situations.

### Uniform Colour Balance

Colour balance has been made uniform throughout both the EF and PL series. This unifies colors after changing lenses and between shots, reducing the need for post grading.

### PL Mounts

PL mounts, which are in high demand in the cinema market, have been adopted to support a variety of cameras used in this market.

*no one sees it like you*

**Canon**



CN-E35mm T1.5 FP X



CN-E50mm T1.3 FP X



CN-E85mm T1.3 FP X



CN-E135mm T2.2 FP X

## Reduced Focus Breathing

The lens controls focus breathing, which realises stability in images even when bokeh effects occur due to refocusing.

## Outstanding Operability and Reliability

The gear position, front diameter, total length, and rotation angle have been unified across the fixed focal length lens series. Matte boxes and accessories can be used even after switching lenses. In addition to a feel with just the right amount of resistance when focusing, it offers a 300° focus rotation angle to offer the focusing performance pros demand.

## Clearly Visible Distance Indicator

As a key feature of the Cinema Lens, the focus ring can mark numbers on both the left and right sides of the lens, so the distance indicator can be checked from both sides. To improve visibility in nighttime and dark area shooting, indicator markings with phosphorescent paint have been adopted for the front barrel (for right-side viewing).

## Consistent Filter Diameter

A convenient screw-on  $\Phi$ 105mm filter can be used. (Except with the CN-E14mm T3.1 FP X.)

## Lens Mount Conversion Option

This option allows customers to change the lens mount on the Sumire PRIME PL series lens or the CN-E PRIME EF series lens, from EF to PL, or from PL to EF.

Note: EF mount lenses typically have electrical contacts, but if the mount is converted these contacts will be lost, and the lens will no longer transmit electrical signals with the camera.

# Technical Specifications



Canon PL Mount Cinema Prime Lineup

Sumire Prime		CN-E14mm T3.1 FP X	CN-E20mm T1.5 FP X	CN-E24mm T1.5 FP X	CN-E35mm T1.5 FP X
Mount		PL mount			
Focal length		14 mm	20 mm	24 mm	35 mm
Maximum diameter ratio (T-number)		T 3.1	T 1.5	T 1.5	T 1.5
Number of iris blades		11			
Angle of view	Aspect ratio 1.5:1 Screen dimensions 36.0 × 24.0mm	104.3° x 81.2°	84.0° x 61.9°	73.7° x 53.1°	54.4° x 37.8°
	Aspect ratio 1.78:1 Screen dimensions 24.6 × 13.8mm	82.6° x 52.5°	63.2° x 38.1°	54.3° x 32.1°	38.7° x 22.3°
Minimum shooting distance		0.20 m / 8"	0.3 m / 12"	0.3 m / 12"	0.3 m / 12"
Shooting range at closest approach	Aspect ratio 1.5:1 Screen dimensions 36.0 × 24.0mm	25.2 x 16.8 cm	33.8 x 22.5 cm	28.8 x 19.2 cm	20.2 x 13.5 cm
	Aspect ratio 1.78:1 Screen dimensions 24.6 × 13.8mm	17.2 x 9.7 cm	23.1 x 13.0 cm	19.7 x 11.0 cm	13.8 x 7.7 cm
Front diameter		Φ114 mm			
Outer dimensions (w x h x d)		approx. 118.4 x 118.4 x 86.0 mm	approx. 118.4 x 118.4 x 93.5 mm	approx. 118.4 x 118.4 x 93.5 mm	approx. 118.4 x 118.4 x 93.5 mm
Weight		approx. 1.2 kg	approx. 1.2 kg	approx. 1.2 kg	approx. 1.1 kg
Pitch circle diameter	Module	0.8	0.8	0.8	0.8
	Focus	116.8 mm	116.8 mm	116.8 mm	116.8 mm
	Zoom	-	-	-	-
	Iris	100.8 mm	100.8 mm	100.8 mm	100.8 mm

no one sees it like you



# Technical Specifications

Sumire Prime		CN-E50mm T1.3 FP X	CN-E85mm T1.3 FP X	CN-E135mm T2.2 FP X
Mount		PL mount		
Focal length		50 mm	85 mm	135 mm
Maximum diameter ratio (T-number)		T 1.3	T 1.3	T 2.2
Number of iris blades		11		
Angle of view	Aspect ratio 1.5:1 Screen dimensions 36.0 × 24.0mm	39.6° x 27.0°	23.9° x 16.1°	15.2° x 10.2°
	Aspect ratio 1.78:1 Screen dimensions 24.6 × 13.8mm	27.6° x 15.7°	16.5° x 9.3°	10.4° x 5.9°
Minimum shooting distance		0.45 m / 18"	0.95 m / 3'2"	1.0 m / 3'3"
Shooting range at closest approach	Aspect ratio 1.5:1 Screen dimensions 36.0 × 24.0mm	25.0 x 16.7 cm	34.4 x 22.9 cm	21.1 x 14.1 cm
	Aspect ratio 1.78:1 Screen dimensions 24.6 × 13.8mm	17.1 x 9.6 cm	23.5 x 13.2 cm	14.4 x 8.1 cm
Front diameter		Φ114 mm		
Outer dimensions (w x h x d)		approx. 118.4 x 118.4 x 93.5 mm	approx. 118.4 x 118.4 x 93.5 mm	approx. 118.4 x 118.4 x 107.6 mm
Weight		approx. 1.1 kg	approx. 1.3 kg	approx. 1.4 kg
Pitch circle diameter	Module	0.8	0.8	0.8
	Focus	116.8 mm	116.8 mm	116.8 mm
	Zoom	-	-	-
	Iris	100.8 mm	100.8 mm	100.8 mm



Canon Cinema Lens Lineup

no one sees it like you

