

# CINEMA LENSES

Sumire Prime

Prime

Zoom

Compact Zoom

CINE-SERVO

COMPACT-SERVO





# FOR NEARLY A DECADE, CANON CINEMA LENSES HAVE BEEN PUT TO WORK BY THE BEST CINEMATOGRAPHERS IN THE WORLD

Theatrical motion pictures, television episodics, OTT series and documentaries have all been influenced by the signature color reproduction and high-contrast look of Canon optics. Filmmakers and videographers of every level have found a line of Cinema EOS Lenses to suit their creative aspirations. From intense studio drama to remote rainforests, those lenses have transformed the creative imaginations of filmmakers into spectacular imagery. Having maintained a close, collaborative dialogue with the cinematographic community, Canon accepted a universal challenge to create a new and bold set of contemporary optics for the global cinematic creative world.





# CANON CINEMA LENSES: THE POWER TO BUILD MASTERPIECES

Choosing the right set of lenses for a project is a crucial element of the pre-production process. This choice is one of the biggest factors for cinematographers to fully realize their creative vision. Lenses give cinema its different perspectives and visual textures, and every Canon Cinema Lens in its class is precisely engineered to deliver on what it promises. Canon is committed to providing a diverse range of products that can match the needs of any project.

## Sumire Prime

Canon is introducing a new line of cinema prime lenses named Sumire Prime (pronounced “Soo-mee-ray”) – associated with the beauty of a flower whose petals are open. This is the inspiration behind a unique optical design that introduces a nuanced look as the lens aperture approaches its maximum setting – subtly modifying the textural renderings of the human facial close-up.

## Prime

Canon’s original cinema lens lineup, designed for EF Mount Cinema Cameras and DSLR Cameras. Warm, sharp, high contrast and constructed in professional housing – this is the Canon look that you’ve always known and loved.

### Zoom

CN-E14.5–60mm T2.6 L  
CN-E30–300mm T2.95–3.7 L

Mount: **EF** **PL**

### Compact Zoom

CN-E15.5–47mm T2.8 L  
CN-E30–105mm T2.8 L

Mount: **EF** **PL**

### 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  
CN-E50mm T1.3 FP X  
CN-E85mm T1.3 FP X  
CN-E135mm T2.2 FP X

Mount: **PL**

## Zoom

Designed for EF Mount and PL Mount Cinema Cameras, Zoom Lenses offer a wide range of features and benefits, including full 4K production performance. Color matched to work seamlessly alongside the EOS Prime lineup.

## Compact Zoom

Compact Zoom Lenses provide high mobility and outstanding 4K optics. These lightweight lenses are extremely well-suited for cinematic documentaries or any production where being nimble is important. Their consistent form factors and markings are optimized for motion picture.

## CINE-SERVO

Designed for EF and PL Mount Cameras, CINE-SERVO Lenses offer outstanding versatility and 4K optical performance ideal for cinema, broadcast and other applications where servo zoom is needed.

## COMPACT-SERVO

The COMPACT-SERVO series is a 4K Super 35mm cinema-quality class of lenses featuring integrated servo control in a compact, lightweight design for shoots that need to move at a fast pace. They offer exceptional versatility and professional video functionality at an affordable price.

### CINE-SERVO

CINE-SERVO 17–120mm T2.95–3.9  
CINE-SERVO 50–1000mm T5.0–8.9

Mount: **EF** **PL**

### COMPACT-SERVO

COMPACT-SERVO 18–80mm T4.4 L  
COMPACT-SERVO 70–200mm T4.4 L

Mount: **EF**

### Prime

CN-E14mm T3.1 L F  
CN-E20mm T1.5 L F  
CN-E24mm T1.5 L F  
CN-E35mm T1.5 L F  
CN-E50mm T1.3 L F  
CN-E85mm T1.3 L F  
CN-E135mm T2.2 L F

Mount: **EF**



## INTRODUCING AN ALL-NEW CLASS OF LENSES FOR AN ALL-NEW LOOK

Digital technologies, combined with the ever-increasing march to higher resolutions, higher dynamic ranges and wider color gamuts, are challenging producers, directors and directors of photography to harness these imaging enhancements to reproduce a spectrum of imagery that reflects broad ranging production goals. The multiple subtleties of optical imaging are critical to a creative collaboration with contemporary digital reproduction. Canon's new Sumire Prime lens series was specifically designed to empower that imaging partnership. They pay attention to the subtle nuances of their subjects in a manner that lets the eyes do the subjective interpretation.



Shot with CN-E85mm T1.3 FP X  
and EOS C700 FF PL

## GENTLE, BEAUTIFUL SKIN TONES AND SMOOTHER-LOOKING FOCUS FALL-OFF

Powerful state of the art computer simulation empowered Canon to explore multiple aspects of imaging subtleties within optical reproduction. Central to this quest was the careful crafting of the textural rendering of facial close-ups. Numerous creative inputs were absorbed from the world's cinematographers – that combined to describe a look that might have universal appeal. That look would apply to all faces – of all ethnicities, ages and gender. The Sumire Prime gently rolls in that special look as the lens aperture approaches its wider settings. Texture, color and contrast are subtly woven into that Sumire look.

Shot with CN-E85mm T1.3 FP X and EOS C700 FF PL

## NEW LENSES THAT BREATHE NEW LIFE TO YOUR IMAGES

Sumire Primes feature bright T-stops, reduced focus breathing and uniform color balance across the focal range of the seven lenses – all contributing to artistically pleasing images. The 11-bladed iris provides circular and natural bokeh while diffusing the light rays from intense highlights. In combination with the unique new Sumire look at wider aperture settings, they offer the cinematographer a broader range of visual expression. Available in industry-standard PL Mount and compatible with all full-frame cameras, Sumire Prime Lenses are superbly versatile.



Sumire Prime

4K



# UNCOMPROMISING, INDUSTRY-PROVEN EXCELLENCE IN QUALITY

Canon Cinema Lenses are top-of-the-line products engineered to give cinematographers the tools to create the imagery that shapes our world. Meant to be used right in the field day after day, while providing consistent performance year after year. These are the key filmmaking tools and features you can rely on.

## Outstanding 4K Optical Performance

Canon 4K optics are born from decades of research and design, creating brilliant, vivid, rich images. And it all begins with the lens. Canon lenses are designed to optimize resolving power, contrast ratio, modulation transfer function and lateral chromatic aberration.

The excellent contrast range with High Dynamic Range (HDR) imaging helps ensure deep black reproduction and superb handling of scene specular highlights. HDR not only enhances a scene's color contrast and richness, but also minimizes lens chromatic aberration.



## Precise Focus Throughout Entire Zoom Range

Cinema Lenses are parfocal in both manual and autofocus modes. This employs a special compensating lens group that moves to maintain precise focus while a separate lens group performs the zooming action. Maintaining focus while changing focal length allows the lens to be used in video production where zooming while recording is required.

## Minimal Focus Breathing

All Cinema Lenses help minimize variations in the angle of view while focusing, known as focus breathing. This is extremely important while focus pulling, where focus breathing could become apparent to the viewer.

## Continuous Iris Control

Cinema Lenses feature an iris that can be adjusted between wide-open and closed without any clicks. Continuous adjustment allows for precise exposure control and also smooth adjustment live in shot while recording. The odd number of iris blades within Canon Cinema Lenses provides a softer image by suppressing reflection of opposing beams of light, enabling smoother bokeh when compared to an iris with an even number of blades.



## Color Consistency

Canon's renown color science has become highly refined over generations of lens designs, paying the closest attention to pleasing skin tone reproduction with consistent, warm color.



## Image Stabilization

COMPACT-SERVO Lenses offer Canon's excellent IS system, useful for run-and-gun shooting and long handheld takes. The amount of IS function can be dialed in as well as be switched off entirely when not in use.

## Easy Manual Operation

Cinema Lenses enable fluid, manual use that fits seamlessly into production workflows. Lens changes can be quick, focus marks are readily seen and all rings allow for smooth operation.



## Auto Focus and Auto Iris Capabilities

Ultrasonic Motor drives provide fast, quiet autofocus. Select Canon EF Mount Cinema Cameras with Dual Pixel AF are supported. Canon's Electromagnetic Diaphragm technology incorporates a motor directly to the lens iris for precise auto exposure response.

## Servo Zoom Drive

CINE-SERVO and COMPACT-SERVO Lenses have a built-in servo drive that controls zoom and can be powered through the lens mount or a separate port. The drive features compatibility with Canon zoom and focus broadcast style controllers.

## Supports a Wide Range of Accessories

Cinema Lenses offer compatibility with a wide range of professional lens accessories, allowing you to customize productions even further to meet every last detail of what you need. Compatible with everything from rods to matte boxes and more, they can fulfill the needs of demanding high-end productions to meet and exceed industry standards.



Canon Cinema Lenses						Image Size	Mount	
Sumire Prime Lenses	CN-E20mm					Full Frame	PL	
	CN-E14mm	CN-E24mm	CN-E35mm	CN-E50mm	CN-E85mm			CN-E135mm
Prime Lenses							EF	
Zoom Lenses	CN-E14.5-60mm					Super 35mm	PL	
	CN-E30-300mm							EF
Compact Zoom Lenses	CN-E15.5-47mm					Super 35mm	PL	
	CN-E30-105mm							EF
CINE-SERVO Lenses	CINE-SERVO 17-120mm					Super 35mm	PL	
	CINE-SERVO 50-1000mm							EF
COMPACT-SERVO Lenses	COMPACT-SERVO 18-80mm					Super 35mm	EF	
	COMPACT-SERVO 70-200mm							
Focal length (mm)								
10 30 50 100 150 300 1000								

## SPECIFICATIONS

	Mount	Image Size	Focal Length	Zoom Ratio	Maximum Aperture	Minimum Focus	Iris Blades	Angle of View				Front Diameter	Length	Weight		
Sumire Prime																
CN-E14mm T3.1 FP X	PL	Full-frame	14mm	-	3.1	8"	11	36.0 x 24.0mm	1.5:1	104.3° x 81.2°	24.6 x 13.8mm	1.78:1	82.6° x 52.5°	114mm	3.39" / 86.0mm	2.65 lb. / 1.2kg
CN-E20mm T1.5 FP X	PL	Full-frame	20mm	-	1.5	12"	11			84.0° x 61.9°			63.2° x 38.1°	114mm	3.68" / 93.5mm	2.65 lb. / 1.2kg
CN-E24mm T1.5 FP X	PL	Full-frame	24mm	-	1.5	12"	11			73.7° x 53.1°			54.3° x 32.1°	114mm	3.68" / 93.5mm	2.65 lb. / 1.2kg
CN-E35mm T1.5 FP X	PL	Full-frame	35mm	-	1.5	12"	11			54.4° x 37.8°			38.7° x 22.3°	114mm	3.68" / 93.5mm	2.43 lb. / 1.1kg
CN-E50mm T1.3 FP X	PL	Full-frame	50mm	-	1.3	18"	11			39.6° x 27.0°			27.6° x 15.7°	114mm	3.68" / 93.5mm	2.43 lb. / 1.1kg
CN-E85mm T1.3 FP X	PL	Full-frame	85mm	-	1.3	38"	11			23.9° x 16.1°			16.5° x 9.3°	114mm	3.68" / 93.5mm	2.87 lb. / 1.3kg
CN-E135mm T2.2 FP X	PL	Full-frame	135mm	-	2.2	39"	11			15.2° x 10.2°			10.4° x 5.9°	114mm	4.24" / 107.6mm	3.09 lb. / 1.4kg
Prime																
CN-E14mm T3.1 L F	EF	Full-frame	14mm	-	3.1	8"	11	36.0 x 24.0mm	1.5:1	104.3° x 81.2°	24.6 x 13.8mm	1.78:1	82.6° x 52.5°	114mm	3.70" / 94mm	2.65 lb. / 1.2kg
CN-E20mm T1.5 L F	EF	Full-frame	20mm	-	1.5	12"	11			84.0° x 61.9°			63.2° x 38.1°	114mm	4.0" / 101.5mm	2.43 lb. / 1.2kg
CN-E24mm T1.5 L F	EF	Full-frame	24mm	-	1.5	12"	11			73.7° x 53.1°			54.3° x 32.1°	114mm	4.0" / 101.5mm	2.65 lb. / 1.2kg
CN-E35mm T1.5 L F	EF	Full-frame	35mm	-	1.5	12"	11			54.4° x 37.8°			38.7° x 22.3°	114mm	4.0" / 101.5mm	2.43 lb. / 1.1kg
CN-E50mm T1.3 L F	EF	Full-frame	50mm	-	1.3	18"	11			39.6° x 27.0°			27.6° x 15.7°	114mm	4.0" / 101.5mm	2.43 lb. / 1.1kg
CN-E85mm T1.3 L F	EF	Full-frame	85mm	-	1.3	38"	11			23.9° x 16.1°			16.5° x 9.3°	114mm	4.0" / 101.5mm	2.87 lb. / 1.3kg
CN-E135mm T2.2 L F	EF	Full-frame	135mm	-	2.2	39"	11			15.2° x 10.2°			10.4° x 5.9°	114mm	4.55" / 115.6mm	3.09 lb. / 1.4kg
Zoom																
CN-E14.5-60mm T2.6 L S/SP	EF/PL	Super 35mm	14.5 - 60mm	4.1:1	2.6	28"	11	24.6 x 13.8mm	1.78:1	80.6° x 50.9° at 14.5mm 23.2° x 13.1° at 60mm	24.0 x 13.5mm	1.78:1	79.2° x 49.9° at 14.5mm 22.6° x 12.8° at 60mm	136mm	EF: 12.83" / 326.0mm PL: 12.52" / 318mm	9.9 lb. / 4.5kg
CN-E30-300mm T2.95-3.7 L S/SP	EF/PL	Super 35mm	30 - 300mm	10:1	2.95/30 - 240mm 3.7/300mm	60"	11			44.6° x 25.9° at 30mm 4.7° x 2.6° at 300mm			43.6° x 25.4° at 30mm 4.6° x 2.6° at 300mm	136mm	EF: 13.78" / 350.1mm PL: 13.47" / 342.1mm	12.79 lb. / 5.8kg
Compact Zoom																
CN-E15.5-47mm T2.8 L S/SP	EF/PL	Super 35mm	15.5 - 47mm	3:1	2.8	20"	11	26.2 x 13.8mm	1.9:1	80.4° x 48.0° at 15.5mm 31.1° x 16.7° at 47mm	24.0 x 13.5mm	1.78:1	75.5° x 47.1° at 15.5mm 28.6° x 16.3° at 47mm	114mm	EF: 8.74" / 222mm PL: 8.43" / 214.1mm	4.85 lb. / 2.2kg
CN-E30-105mm T2.8 L S/SP	EF/PL	Super 35mm	30 - 105mm	3.5:1	2.8	24"	11			47.2° x 25.9° at 30mm 14.2° x 7.5° at 105mm			43.6° x 25.4° at 30mm 13.0° x 7.4° at 105mm	114mm	EF: 8.58" / 218mm PL: 8.26" / 210.0mm	4.85 lb. / 2.2kg
CINE-SERVO																
CINE-SERVO 17-120mm T2.95-3.9	EF/PL	Super 35mm	17 - 120mm	7:1	2.95/17 - 91mm 3.9/120mm	33.6"	11	26.2 x 13.8mm	1.9:1	75.2° x 44.2° at 17mm 12.5° x 6.6° at 105mm	24.6 x 13.8mm	1.78:1	71.8° x 44.2° at 17mm 11.7° x 6.6° at 105mm	114mm	EF: 10.35" / 262.9mm PL: 10.04" / 254.9mm	6.39 lb. / 2.9kg
CINE-SERVO 50-1000mm T5.0-8.9	EF/PL	Super 35mm	50 - 1000mm	20:1	5.0/50 - 560mm 8.9/1000mm	138"	11			29.4° x 15.7° at 50mm 1.5° x 0.8° at 1000mm			27.6° x 15.7° at 50mm 1.4° x 0.8° at 1000mm	136mm	EF: 16.27" / 413.2mm PL: 15.95" / 405.2mm	14.55 lb. / 6.6kg
COMPACT-SERVO																
COMPACT-SERVO 18-80mm T4.4 L	EF	Super 35mm	18 - 80mm	4.4:1	4.4/18 - 80mm	20.4"	9	26.2 x 13.8mm	1.9:1	72.1° x 41.9° at 18mm 18.6° x 9.9° at 80mm	24.6 x 13.8mm	1.78:1	68.7° x 41.9° at 18mm 17.5° x 9.9° at 80mm	84mm	7.18" / 182.3mm	2.65 lb. / 1.2kg
COMPACT-SERVO 70-200mm T4.4 L	EF	Super 35mm	70 - 200mm	2.8:1	4.4/70 - 200mm	48"	9			21.2° x 11.3° at 70mm 7.5° x 4.0° at 200mm			19.9° x 11.3° at 70mm 7.0° x 4.0° at 200mm	84mm	7.18" / 182.3mm	2.76 lb. / 1.25kg



**CINEMA EOS**  
usa.canon.com/cinemalenses

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