Prime Lenses

25mm / 32mm / 40mm / 50mm / 65mm MACRO 75mm / 100mm / 135mm / 180mm / 300mm





All of the anamorphic lens characteristics demanded by filmmakers today with the Cooke Look® and oval bokeh. That's the Cooke Anamorphic /i Look. Images beautifully rendered for film and especially suited for use with digital cameras. The Anamorphic /i lens correct aberrations exceptionally well over the entire image area — astigmatism, lateral and longitudinal colour — that will render shape, form and soul to your images.

While the "look" is crucial, precision engineering and seamless integration with other equipment is equally important. The Anamorphic /i, prime lenses in ten focal lengths are colour matched to our \$4/i, 5/i and mini\$4/i lenses.

Ideal for close-ups and product shots, the Cooke 65 mm Macro Anamorphic /i 2X Prime lens has magnification ratio 4.1:1 with close focus of 5.5" from front of lens.

Now, you have even more latitude. We went one step further with our new Anamorphic/i SF lenses that are specially manufactured with a coating that allows for even more creative options. The "SF" stands for Special Flare because they allow you to kick the flares, bokeh and other aberrations into new visual territory. Complementary to the Anamorphic/i lens series, they are offered in 25mm, 32mm, 40mm, 50mm, 75mm, 100mm, 135mm, 180mm, and 300mm focal lengths.

The Anamorphic /i lenses offer superb optical and mechanical performance. Distortion, veiling glare, flares, and all aberrations are controlled at all apertures over the whole field of view. Like our S4/i, 5/i and miniS4/i prime lenses, the cam focus mechanism allows for smooth focus adjustments. Modular construction increases ease of maintenance and serviceability. The Anamorphic /i lenses are designed and made by us to our traditional high standards in Leicester, England.

Feature Highlights

- Anamorphic /i Lenses available: 25, 32, 40, 50, 65 MACRO, 75, 100, 135, 180 and 300mm with 2x squeeze
- T2.3 to T22 aperture
- T2.6 to T22 65 mm MACRO
- Offers anamorphic lens characteristics including 2:1 oval bokeh for out of focus highlights
- The Cooke Look® and colour matched with all other Cooke prime lenses.
- Especially well balanced for astigmatism and corrected for lateral and longitudinal aberrations over the entire image area
- Linear iris
- Equipped with the next generation of /i Squared Technology* for lens metadata capture
- Award-winning cam-style focus mechanism allows for smooth focus adjustments













Cooke Optics is pleased to announce it was been awarded patents in the U.S. and the U.K. for its new anamorphic objective lens technology; U.S. Patent No. 9,341,827, U.S. Patent No.10,078,201 and GB Patent No. 7513993. Cooke intends to enforce the exclusive rights granted by these patents in order to protect its investment in developing Cooke's new anamorphic objective lens series incorporating the patented technology.

/≗ Technology

Our Anamorphic /i Prime lenses are supplied with /i Technology that collect detailed lens data for production, VFX and post-production teams and are designed for all PL mounted professional motion picture film and electronic cameras. The /i Technology provides cinematographers and camera operators with vital information on lens setting, focusing distance, aperture and depth-of-field, hyperfocal distance, serial number, owner data, lens type and focal length in both metric and footage measurements, as well as inertial tracking data, shading and distortion data. For zoom lenses, the zoom position is displayed.

Anamorphic/ß											
	25mm	32mm	40mm	50mm	65mm MACRO	75mm	100mm	135mm	180mm	300mm	
T-Stop Range	T2.3-T22	T2.3-T22	T2.3-T22	T2.3-T22	T2.6-T22	T2.3-T22	T2.3-T22	T2.3-T22	T2.8-T22	T3.5-T22	
Angular Rotation of Iris Scale	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	
Min. Marked Object Distance	840 mm 33 in	840 mm 33 in	840 mm 33 in	840 mm 33 in	450 mm 18 in	1000 mm 39 in	1100 mm 44 in	1400 mm 56 in	2000 mm 78 in	3000 mm 120 in	
Close Focus from Lens Front	550 mm 22 in	550 mm 22 in	550 mm 22 in	550 mm 22 in	140 mm 5.5 in	800 mm 31 in	900 mm 35 in	1200 mm 47 in		2580 mm 101.5 in	
Angular Rotation to MOD Endstop	300°	300°	300°	300°	300°	300°	300°	300°	300°	300°	



Maximum Angle of View** Horizontal / Vertical	96.9° H 41.0° V	77.5° H 32.6° V		50.7° H 21.2° V	36.9° H 15.6° V	34.1° H 14.1° V	25.7° H 10.7° V	19.1° H 7.90° V	13.9° H 5.7° V	8.5° H 3.5° V
Length from Front of Lens to Lens Mount	203 mm 8 in	195 mm 7.68 in	195 mm 7.68 in	195 mm 7.68 in	258 mm 10.1 in	195 mm 7.68 in	195 mm 7.68 in		296 mm 11.65 in	
Max Front Diameter	136 mm 5.35 in		110 mm 4.33 in		136 mm 5.35 in				110 mm 4.33 in	
Total Weight	4.2 kg	3.2 kg	3.4 kg	3.6 kg	5.2 kg	3.2 kg	3.4 kg	4.2 kg	5.8 kg	9.4 kg
	9.26 lbs	7.1 lbs	7.5 lbs	7.9 lbs	11.5 lbs	7.1 lbs	7.5 lbs	9.3 lbs	12.8 lbs	20.7 lbs

 $^{^{**}}$ Angle of view calculations based on Alexa Studio 4:3 camera

Maximum Format Cover	33.54mm Diameter (New Epic S35mm Format)			
Focus Scales	Two opposing focus scales - metric and footage. Scales marked from infinity to MOD.			
Focus Drive Gear	140 teeth 0.8 metric module x 6.0mm wide x 102mm from the image plane.			
Iris Scales	Two opposing linear T scales - whole and third stops marked.			
Iris Drive Gear	134 teeth 0.8 metric module x 4.0mm wide x 82mm from image plane.			

Anamorphic /8 Main Features

Optical Design	The optics are designed to give maximum performance at full aperture with superior control of flare, distortion and spherical aberration.
/ <u>B</u> Electronics	Accessible via cable connector near the lens mount and contacts in mount that sync with /i compatible cameras and accessories.
Colour Balance	All Cooke Anamorphic/i prime lenses are colour balanced to a specification within parameters approved by Kodak and are colour-matched and compatible with Cooke 5/i, Cooke S4/i, miniS4/i, and CXX 15-40 mm T2 S4/i Zoom lenses.
Aperture	All Cooke Anamorphic/i primes have a true T2.3 aperture and cover Super 35mm format except the 65mm MACRO which has a T2.6 aperture.
Index Marks	Every index mark is labeled. More detailed markings allow for more detailed focus control.
Focus Movement	Our Academy Award® winning cam-style focus movement coupled with the added benefit of a large lens barrel diameter, has allowed for an increased number of focus markings, particularly at close focus. Spherical aberration has been controlled throughout the range of focal lengths to eliminate compensation of changes in back focus with aperture. A four-point contact bearing provides a smooth positive backlash-free movement.
Focus Scaling	Large, clear numerals on both sides of the focus barrel benefit the focus puller when shooting under difficult lighting conditions. Plus the the Entrance Pupil position is engraved on the lens.
Camera Mounts	Cooke Hardened PL Mount with /i Technology contacts.
Compatibility	All Cooke Anamorphic/i lenses have a common, fixed front diameter of 110mm, except for the 25, 65 MACRO and 300mm focal lengths and the Anamorphic/i zoom lenses, which are 136mm. All have an iris drive gear of 134T x 0.8.
External Finish	A scratch resistant PTFE hard anodised finish is provided on all Cooke lenses, providing a durable, hard-wearing surface to meet the most demanding environmental conditions.
Iris	An eleven-leaf linear module iris assembly is fitted into Cooke Anamorphic/i primes with an aperture range of T2.3 to T22; T2.6 to T22 on the 65mm MACRO, T2.8 to T22 on the 180mm, and T3.5 to T22 on the 300mm.
Weight/Size Ratio	The lenses are designed for all shooting applications, including handheld and Steadicam, providing comfortable balance ratio with the latest compact cameras.
Reliability and Service	Cooke Anamorphic/i prime lenses are designed to meet a market requirement for fully reliable performance with a minimum of downtime.