

Cooke S7/i[®]

Prime Lenses T2.0

16mm / 18mm / 21mm / 25mm / 27mm / 32mm / 40mm / 50mm
60mm MACRO / 65mm / 75mm / 90mm MACRO / 100mm / 135mm
150mm MACRO / 180mm / 300mm



Cooke S7/i Full Frame Plus Primes T2.0

Shoot 35mm, Super 35mm, Full Frame and Beyond

The Cooke S7/i, T2.0 Full Frame Plus Primes are designed to cover the emergent full frame cinema camera sensors up to at least the full sensor area of the RED Weapon 8K (46.31mm image circle).

Shoot 35mm / Super 35mm formats, full frame, VistaVision and beyond - all with The Cooke Look[®]. We have you covered with our S7/i Full Frame Plus lenses.

Superb optical and mechanical performance, control of flare, distortion, veiling glare and spherical aberrations at full aperture. The cam-type focus mechanism allows for smooth focus adjustments. Modular construction increases ease of maintenance and serviceability.

And, the S7/i lenses come equipped with /i Technology for frame by frame digital information capture, as do all modern Cooke cine lenses for film and digital capture.

Available in focal lengths: 16, 18, 21, 25, 27, 32, 40, 50, 60 MACRO, 65, 75, 90 MACRO, 100, 135, 150 MACRO, 180 and 300 mm.



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Feature Highlights

- Focal lengths: 16,18, 21, 25, 27, 32, 40, 50, 60 MACRO, 65, 75, 90 MACRO, 100, 135, 150 MACRO, 180 and 300 mm
- T2.0 – T22 aperture
- Covers at least 46.31mm image circle
- Colour matched to Anamorphic/i, S4/i, miniS4/i, 5/i and Panchro/i Classic lenses
- Award-winning cam style mechanism for smooth focus adjustments
- Especially well balanced for astigmatism and correct for lateral and longitudinal aberrations over the entire image area
- Supplied with the next generation of /i Technology for lens metadata capture
- Linear iris
- The Cooke Look®, of course

/i Technology

Our Cooke S7/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.

[More on /i Technology](#)



	16mm	18mm	21mm	25mm	27mm	32mm	40mm	50mm	60mm MACRO	65mm	75mm	90mm MACRO	100mm
T-Stop Range	TBC	T2-T22	T2-T22	T2-T22	T2-T22	T2-T22	T2-T22	T2-T22	T2.5-T22	T2-T22	T2-T22	T2.5-T22	T2-T22
Angular Rotation of Iris Scale	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°
Min. Marked Object Distance	400 mm 16 in	400 mm 16 in	350 mm 14 in	350 mm 14 in	350 mm 14 in	350 mm 14 in	450 mm 18 in	500 mm 20 in	mm in	475 mm 19 in	475 mm 19 in	mm in	700 mm 28 in
Close Focus <i>from Lens Front</i>	151 mm 6 in	158 mm 6 in	109 mm 4 in	109 mm 4 in	109 mm 4 in	109 mm 4 in	209 mm 8 in	259 mm 10 in	55.0 mm 2.2 in	234 mm 9 in	234 mm 9 in	114.0 mm 4.5 in	450 mm 18 in
Angular Rotation to MOD Endstop	270°	270°	270°	270°	270°	270°	270°	270°	270°	270°	270°	270°	270°
Max. Diagonal Angle of View for Super 35 Format	85°	78°	70°	61°	56°	50°	41°	33°	28°	27°	23°	19°	16°
Maximum Diagonal Angle of View for 24 x 36mm Format	107°	100°	91°	82°	76°	68°	57°	47°	39°	37°	32°	27°	24°
Length from Front of Lens to Lens Mount	197 mm 7.76 in	200 mm 7.87 in	189 mm 7.44 in	189 mm 7.44 in	189 mm 7.44 in	189 mm 7.44 in	189 mm 7.44 in	189 mm 7.44 in	160 mm 6.3 in	189 mm 7.44 in	189 mm 7.44 in	172 mm 6.8 in	189 mm 7.44 in
Max Front Diameter	136 mm 5.35 in	110 mm 4.33 in	110 mm 4.33 in	110 mm 4.33 in	110 mm 4.33 in	110 mm 4.33 in	110 mm 4.33 in	110 mm 4.33 in	87.0 mm 3.4 in	110 mm 4.33 in	110 mm 4.33 in	87 mm 3.4 in	110 mm 4.33 in
Total Weight	4.0 kg 8.82 lbs	3.5 kg 7.7 lbs	3.3 kg 7.28 lbs	3.3 kg 7.28 lbs	3.3 kg 7.28 lbs	3.4 kg 7.50 lbs	3.5 kg 7.72 lbs	3.4 kg 7.5 lbs	2.2 kg 4.9 lbs	3.0 kg 6.61 lbs	3.0 kg 6.61 lbs	2.5 kg 5.5 lbs	3.0 kg 6.61 lbs

Maximum Format Cover 46.31mm diameter

Focus Scales Two opposing focus scales - metric & footage. Scales marked from infinity to MOD.


Focus Drive Gear 140 teeth 0.8 metric module x 6.0mm wide 103mm 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 81mm from image plane.

Main Features



Optical Design	The optics are designed to give maximum performance at full aperture with superior control of flare, distortion and spherical aberration.
 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 S7/i prime lenses are colour balanced, colour-matched and compatible with Cooke S4/i, miniS4/i, Anamorphic/i and PANCHRO/i Classic lenses.
T2.0 Aperture	Cooke S7/i Primes have a true T2.0 aperture and cover 35/Super 35mm, Full Frame and beyond.
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.
Camera Mounts	Cooke Hardened PL Mount with /i Technology contact.
Focus Scaling	Large, clear numerals on both sides of the focus barrel benefit the focus puller when shooting under difficult lighting conditions.
Compatibility	All Cooke S7/i Primes have a common fixed front diameter of 110mm, with a focus drive gear of 140T x 0.8 mod and 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	A nine-leaf linear module iris assembly is fitted into the Cooke S7/i Primes.
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 S7/i prime lenses are designed to meet a market requirement for fully reliable performance with a minimum of downtime.

Cooke S7/i Lens Footage