



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 format as well as full frame, VistaVision and beyond.

Like all modern Cooke lenses, the S7/i range comes equipped with /i Technology for frame by frame digital information capture.

Available in focal lengths: 16, 18, 21, 25, 27, 32, 40, 50, 65, 75, 100 and 135mm. PL or LPL mounts available.

/i Technology

Each of our S7/i Classic prime lenses are supplied with the next generation of /i Technology and are designed for all PL mounted professional motion picture film and electronic cameras. Cooke's /i Technology provides cinematographers and camera operators with vital information including inertial tracking data in addition to 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. All the information can be captured frame-by-frame for real-time display and for use in postproduction.

Feature Highlights

- Focal lengths: 16, 18, 21, 25, 27, 32, 40, 50, 65, 75, 100 and 135mm
- 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.

Covered by U.S. and U.K. patents.
See Cookeoptics.com

Cooke S7/g[®] Range of Lenses

	Units	16mm	18mm	21mm	25mm	27mm	32mm	40mm	50mm	65mm	75mm	100mm	135mm
T Stop Range		TBC	T2.0-22	T2.0-22	T2.0-22	T2.0-22	T2.0-22	T2.0-22	T2.0-22	T2.0-22	T2.0-22	T2.0-22	T2.0-22
Angular Rotation of Iris Scale	Degrees	TBC	90	90	90	90	90	90	90	90	90	90	90
Minimum Marked Object Distance	mm inches	TBC TBC	400 16	350 14	350 14	350 14	350 14	450 18	500 20	475 19	475 19	700 30	950 39
Close Focus from Lens Front	mm inches	TBC TBC	158 6	109 4	109 4	109 4	109 4	209 8	259 10	234 9	234 9	459 18	709 28
Angular Rotation to MOD Endstop	Degrees	TBC	270	270	270	270	270	270	270	270	270	270	270
Max. Diagonal Angle of View for Super 35 Format	Degrees	TBC	78	70	61	56	50	41	33	27	23	17	13
Max. Diagonal Angle of View for 24 x 36mm Format	Degrees	TBC	100	91	82	76	68	57	47	37	32	24	18
Length from Front of Lens to Lens Mount	mm inches	TBC TBC	200 7.87	189 7.44	189 7.44	189 7.44	189 7.44	189 7.44	189 7.44	189 7.44	189 7.44	189 7.44	189 7.44
Maximum Front Diameter	mm inches	TBC TBC	110 4.33	110 4.33	110 4.33	110 4.33	110 4.33	110 4.33	110 4.33	110 4.33	110 4.33	110 4.33	110 4.33
Total Weight	kg lbs	TBC TBC	3.5 7.7	3.3 7.28	3.3 7.28	3.3 7.28	3.4 7.50	3.5 7.72	3.4 7.50	3.0 6.61	3.0 6.61	3.3 7.28	3.7 8.16
Maximum Format Covered		46.31mm diameter											
Focus Scales		Two opposing focus scales – metric or footage. Scales marked from infinity to MOD											
Focus Drive Gear		140 teeth 0.8 metric module x 6.0mm wide x 103mm from 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											
Internal Front Fitting Filter		105mm diameter x pitch 0.75											

All specifications subject to change

Additional resources

Downloads

<http://www.cookeoptics.com/s/technicaldocumentation.html>