

Cooke S4/i[®] Range of Lenses

	Units	12mm	14mm	16mm	18mm	21mm	25mm	27mm	32mm	35mm	40mm	50mm	65mm	65mm SF	75mm	100mm	135mm	150mm	180mm	300mm	
T Stop Range		T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2-22	T2.8-22
Angular Rotation of Iris Scale	degrees	96	96	96	96	96	96	96	96	95	94	93	92	92	92	91	92	92	94	78	
Minimum Marked Object Distance	mm inches	225 9	250 9	225 9	250 9	250 9	250 9	250 10	300 12	350 14	400 16	500 20	700 27	700 27	750 30	900 36	800 30	1050 42	1300 51	2100 84	
Close Focus from Lens Front	mm inches	47 2.0	50 2.0	47 2.0	64 2.5	85 2.5	64 2.5	110 2.5	152 6.0	170 6.9	216 8.5	330 13	473 20	453 19.2	584 23	724 28.5	564 20.7	841 33.8	1063 41.7	1846 74	
Angular Rotation to MOD Endstop	degrees	270	270	270	270	270	270	270	300	300	300	300	300	300	300	300	340	300	300	300	
Max. Diagonal Angle of View for Super 35 Format	degrees	103	94	86	80	71	62	58	50	46	41	34	26	26	22	17	13	11.5	9.5	5.7	
Length from Front of Lens to Lens Mount	mm inches	126 5.0	126 5.0	126 5.0	113 4.5	113 4.5	113 4.5	113 4.5	128 5.0	128 5.0	141 5.5	125 4.9	125 4.9	145 5.7	125 4.9	141 5.5	184 7.3	157 6.2	185 7.3	202 7.95	
Maximum Front Diameter	mm	156	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	125	136	136	
Total Weight	kg lbs	3 6.5	2.2 4.8	2.45 5.4	1.75 3.85	2.0 4.4	1.6 3.5	1.6 3.55	1.85 4.0	1.9 4.2	2.0 4.4	1.5 3.3	1.6 3.55	2.25 4.95	1.75 3.85	2.0 4.4	2.25 4.95	3.5 7.7	4.3 9.45	4.7 10.35	

Max Format Cover 30mm diameter (Super 35mm format)

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 98mm from image plane.
140 teeth 0.8 metric module x 6.0mm wide x 99mm from image plane (300mm)

Iris Scales Two opposing linear T-scales – whole and third stops marked

Iris Drive Gear 114 teeth 0.8 metric module x 4.0mm wide x 84mm from image plane
134 teeth 0.8 metric module x 2.5mm wide x 80.5mm from image plane (300mm)

Iris Drive Gear for LDS Lens 136 teeth 0.8 metric module x 6.0mm x 79.5mm from image plane

Internal Front Fitting Filter Internal thread for filter adapter M105 x 0.75 pitch (12mm and 14mm not applicable)
M120 x 1.0 pitch (150mm), M131 x 1.0 pitch (180mm, 300mm)

Specifications subject to change

Additional resources

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