



	18mm	25mm	32mm	40mm	50mm	65mm	75mm	100mm	135mm
T-Stop Range	T1.4-T22	T1.4-T22	T1.4-T22	T1.4-T22	T1.4-T22	T1.4-T22	T1.4-T22	T1.4-T22	T1.4-T22
Angular Rotation of Iris Scale	90°	90°	90°	90°	90°	90°	90°	90°	90°
Min. Marked Object Distance	350 mm 14 in	350 mm 14 in	350 mm 14 in	400 mm 16 in	500 mm 20 in	600 mm 24 in	650 mm 27 in	750 mm 30 in	800 mm 31 in
Close Focus <i>from Lens Front</i>	127 mm 5 in	120 mm 5 in	120 mm 5 in	171 mm 7 in	270 mm 11 in	370 mm 15 in	420 mm 17 in	520 mm 21 in	531 mm 21 in
Angular Rotation to MOD Endstop	270°	270°	270°	270°	270°	270°	270°	270°	340°
Max. Diagonal Angle of View for Super 35 Format	79.3°	61.9°	50.5°	41.0°	33.7°	26.1°	22.6°	17.1°	12.68°
Length from Front of Lens to Lens Mount	171 mm 6.73 in	177 mm 6.97 in	177 mm 6.97 in	177 mm 6.97 in	177 mm 6.97 in	177 mm 6.97 in	177 mm 6.97 in	177 mm 6.97 in	219 mm 8.6 in
Max Front Diameter	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	110 mm 4.33 in	136 mm 5.35 in
Total Weight	3.03 kg 6.67 lbs	2.98 kg 6.56 lbs	2.78 kg 6.12 lbs	2.76 kg 6.07 lbs	3.23 kg 7.11 lbs	3.08 kg 6.78 lbs	2.99 kg 6.58 lbs	2.89 kg 6.36 lbs	5.1 kg 11.2 lbs

Maximum Format Cover	30mm Diameter (Super 35mm Format)
Focus Scales	Two opposing focus scales - metric & footage. Scales marked from infinity to MOD.
Focus Drive Gear	140 teeth 0.8 metric module x 5.0mm wide 102.5mm from the image plane. (135mm – 180 teeth 0.8 metric module x 5.0mm wide x 128mm 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 2.5mm wide x 82mm from image plane.(135mm – 173 teeth 0.8 metric module x 2.5mm wide x 112mm from image plane)

5/i Main Features



Optical Design	The optics are designed to give maximum performance at full aperture with superior control of flare, distortion and spherical aberration.
/i 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 5/i prime lenses are colour balanced, colour-matched and compatible with Cooke S4/i, miniS4/i and Anamorphic/i.
T1.4 Aperture	All Cooke 5/i primes have a true T1.4 aperture and cover Super 35mm format.
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 Illumination	The 5/i's patented*, dimmable, illuminated focus ring has two separately toggled light pipes that allow the camera operator or focus puller to read the focus scale in low lighting conditions. Illumination options are controlled on the lens or via an external controller.
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 5/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. (Except the 135mm)
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 seven-leaf linear module iris assembly is fitted into the Cooke 5/i primes with an aperture range of T1.4 to T22.
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 5/i prime lenses are designed to meet a market requirement for fully reliable performance with a minimum of downtime.

See in the dark -- with T1.4 speed and a focus ring that illuminates when you need it. External lamps are no longer necessary for the focus puller to see in the dark because this new design incorporates a simple on/off and dimmer to adjust the level of illumination desired on the aperture ring. You now have the visibility you need without affecting the light coming into the camera.

Cooke 5/i optics offer 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. Cooke 5/i Prime Lenses were designed and developed in close technical collaboration with industry professionals. They are colour-matched and compatible with Cooke S4/i, miniS4/i, CXX 15-40 mm T2 S4/i Zoom, 18-100mm T3.0 and 25-250mm T3.7 and the SK4 16mm lenses.



/i Technology

Our Cooke 5/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](#)

Focus Illumination

See in the dark -- with T1.4 speed and a focus ring that illuminates when you need it. External lamps are no longer necessary for the focus puller to see in the dark because this new design incorporates a simple on/off and dimmer to adjust the level of illumination desired on the aperture ring. You now have the visibility you need without affecting the light coming into the camera.

100
120
60
40
20
15
13
11