

Anamorphic/i

Zoom Lens

35-140mm



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T-Stop Range	T3.1-22
Angular Rotation of Iris Scale	90°
Min. Marked Object Distance	1200 mm 47 in
Close Focus <i>from Lens Front</i>	720 mm 28 in
Angular Rotation to MOD Endstop	300°
Maximum Angle of View** Horizontal / Vertical	62.4 / 17.5° H 26.0 / 7.6° V
Length from Front of Lens to Lens Mount	425 mm 16.76 in
Max Front Diameter	136 mm 5.35 in
Total Weight	10.3 kg 22.6 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	35-140mm: 172 teeth 0.8 metric module x 6.0mm wide x 283mm from the image plane. 45-450mm: 211 teeth 0.8 metric module x 6.0mm wide x 170mm dia. 420mm from the image plane.
Zoom Scales	Two opposing zoom scales.
Zoom Drive Gears	35-140mm: 140 teeth 0.8 metric module x 6.0mm wide x 102mm from the image plane. 45-450mm: 140 teeth 0.8 metric module x 6.0mm wide x 105mm 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 83mm from the image plane.

Anamorphic Zoom /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 Anamorphic/i 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	The Cooke Anamorphic/i 35-140mm zoom has a true T3.1 aperture and cover Super 35mm format. The Cooke Anamorphic/i 45-450mm zoom has a true T4.5 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 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 the Cooke Anamorphic/i zooms with an aperture range of T3.1 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 Anamorphic/i prime lenses are designed to meet a market requirement for fully reliable performance with a minimum of downtime.