



# OPTIMO ANAMORPHIC: ELEVATING ANAMORPHIC PRODUCTION TO A NEW LEVEL

The creative virtues of anamorphic lenses have become even more important in the digital age, where cinematographers are seeking a distinctive look to enrich every project. The Angénieux anamorphic zoom lenses add a dimensional character to the image with the traditional 2x squeeze, with controlled background and an aesthetically dimensional foreground, yet minimizing breathing and distortion by adopting a modern optical design. Angénieux anamorphic lenses also bring what many refer to as a “creamy and organic look”. This specific cinematic look, color rendering, contrast and resolution that Angénieux zooms are known for, is ideal for the work with digital cameras.

The two short anamorphic zooms, Optimo 56-152 A2S and Optimo 30-72 A2S, are the lightest and most compact anamorphic zoom lenses ever made. Developing a high magnification anamorphic zoom companion has been a new major step in completing the Angénieux rear-anamorphic line up. The Angénieux A2S zoom lenses blend perfectly not only with the complete range of Angénieux lenses, but also with most spherical and anamorphic prime lenses of the market. In all three lenses, the cylindrical optical elements are integrated in the

rear part of the lens. Their unique mount design allows a quick swap between PL and PV mounts and the focus scale ring is easily interchangeable from feet to meters. Cinematographers now have access to a full range of Angénieux anamorphic zoom lenses that should facilitate their productions in scope format.

## THE OPTIMO 44-440 A2S ZOOM LENS

The Optimo 44-440 A2S zoom lens offers an aperture of T4.5 across the zoom range without concern about loss of quality which is unusual for such a long range lens. It has a close focus of 4ft 1in (1.24m), and is one of the lightest lenses in its class at 16.6 lbs (7.55kg). It features built-in encoders providing metadata (focus, zoom, T-stop) via the industry standard I<sup>8</sup> Technology interface developed by Cooke. The lens can be converted to a 25-250 mm (T3.5 – MOD 4 ft / 1.21m) spherical lens, by exchanging the rear optical element and the Focus/ Zoom and T-stop markings (for package offer only).



\* I<sup>8</sup> Trademark is property of Cooke Optics Ltd

Optimo anamorphic short zooms have already been used in a large number of features, TV series and commercial productions, including

**IN 2014**  
The Equalizer – The Monkey King

**IN 2015**  
Child 44 – Le Ciel du Centaure\*\* –  
I Saw the Light – Teenage Mutant Ninja  
Turtles 2 – Breaking Through – La Vie très  
Privée de Monsieur Sim – Ricki and the  
Flash – Staten Island Summer –  
Straight Outta Compton – The Magicians –  
Trois Souvenirs de ma Jeunesse – Mirziya

**IN 2016**  
The Great Wall – The Nice Guys –  
Imperium – True Crimes – Shepherds  
and Butchers – Amis Publics – Five –  
Radin ! – Ikari – Ma Loute – Le Scribe –  
Boku wa ashita, kinou no kimi to  
deito suru – Hee\*\* – Magic Kimono\*\* –  
Star Trek Beyond

... and many others

\*\* Shot entirely with 56-152 A2S.

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# Optimo Anamorphic Elevating anamorphic production to a new level



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NEW AT NAB 2016

# LONG RANGE ANAMORPHIC ZOOM

Optimo 44-440 A2S



## MAIN FEATURES

- 2:1 horizontal squeeze achieved by multiple glass elements behind lens iris
- Perfect homogeneity of color, contrast, resolution and low distortion typical of the Optimo series
- Constant T4.5 across zoom range, no ramping
- Minimal breathing suitable for rack focusing
- Close Focus of (1.24m / 4'1" feet) enables extreme close-up shots
- Very low distortion on all focal lengths and at all focus distances
- Great flare and ghost image suppression
- One of the lightest and most compact anamorphic zooms in its range
- Precise and ergonomic focus ring with scale rotation of 320 degrees & over 40 focus marks. Interchangeable focus scale ring from feet to meters
- Adapted to extreme production environments (athermalisation from -20°C to +45°C)
- Available in PL mount. Easily interchangeable with PV Panavision mount
- **The lens can be converted to a 25-250mm (T3.5 - MOD 4ft/1.21m) spherical lens by exchanging the rear optical element and the Focus/Zoom and T-stop markings (for package offer only)**
- Built-in lens encoder provides lens metadata (focus, zoom, T-stop) via industry standard  $\frac{1}{8}$  Cooke protocol or technology in both spheric and anamorphic configurations
- Lens data can be displayed on camera monitors to assist critical focusing and be recorded in camera to support VFX / post production work
- Both focus and zoom elements are guided through an internal mechanical rod system which helps maintain optical quality even after rough handling / transportation
- Front thread for optional protective glass

## Specifications

ZOOM RATIO	10x
APERTURE	f/4 - T4.5
CLOSE FOCUS	4 ft 1 in - 1.24 m
WEIGHT (APPROX.)	16.6 lbs - 7.55 kg
LENGTH	414 mm
FRONT DIAMETER	136 mm
IMAGE COVERAGE	4 perf. scope+: 28.8 mm diagonal
INTERNAL FOCUS	Yes

<b>Field of view for 35 mm 4 perf. (22 x 18.6 mm, 28.8 mm diagonal)</b>		
<b>Focal Length</b>	44 mm	440 mm
<b>Horizontal angular field of view</b>	53.6°	5.7°
<b>Vertical angular field of view</b>	23.6°	2.5°

# WIDE COMPACT ANAMORPHIC ZOOM

Optimo 30-72 A2S



## MAIN FEATURES

- 2:1 horizontal squeeze achieved by multiple glass elements behind lens iris
- Perfect homogeneity of color, contrast, resolution and low distortion typical of the Optimo series
- Constant T4 across zoom range
- Minimal breathing suitable for rack focusing
- Close focus that enables extreme close-up shots
- Very low distortion on all focal lengths and at all focus distances
- Great flare and ghost image suppression
- The lightest and most compact anamorphic zooms in the market
- Precise and ergonomic focus ring with scale rotation of 320 degrees & over 50 focus marks. Interchangeable focus scale ring from feet to meters
- Front diameter of 114 mm retains compatibility with accessories used with Compact Optimo spherical lenses (matte boxes, filters)
- Adapted to extreme production environments (back focus temperature compensation system from -20°C to +45°C)
- Available in PL mount. Easily interchangeable with PV Panavision mount (& EF on demand)
- Can be used with the ASU - Angénieux Servo Unit

## Specifications

ZOOM RATIO	2.4X
APERTURE	f/3.6 - T4
CLOSE FOCUS	2 ft 2 in - 0.65 m
WEIGHT (APPROX.)	5.3 lbs - 2.4 kg
LENGTH	227 mm
FRONT DIAMETER	114 mm
IMAGE COVERAGE	4 perf. scope+: 28.8 mm diagonal
INTERNAL FOCUS	Yes

<b>Field of view for 35 mm 4 perf. (22 x 18.6 mm, 28.8 mm diagonal)</b>		
<b>Focal Length</b>	30 mm	72 mm
<b>Horizontal angular field of view</b>	72.5°	34°
<b>Vertical angular field of view</b>	34.4°	14.7°

# STANDARD COMPACT ANAMORPHIC ZOOM

Optimo 56-152 A2S



## MAIN FEATURES

- 2:1 horizontal squeeze achieved by multiple glass elements behind lens iris
- Perfect homogeneity of color, contrast, resolution and low distortion typical of the Optimo series
- Constant T4 across zoom range
- Minimal breathing suitable for rack focusing
- Close focus that enables extreme close-up shots
- Very low distortion on all focal lengths and at all focus distances
- Great flare and ghost image suppression
- The lightest and most compact anamorphic zooms in the market
- Precise and ergonomic focus ring with scale rotation of 320 degrees & over 50 focus marks. Interchangeable focus scale ring from feet to meters
- Front diameter of 114 mm retains compatibility with accessories used with Compact Optimo spherical lenses (matte boxes, filters)
- Adapted to extreme production environments (back focus temperature compensation system from -20°C to +45°C)
- Available in PL mount. Easily interchangeable with PV Panavision mount (& EF on demand)
- Can be used with the ASU - Angénieux Servo Unit

## Specifications

ZOOM RATIO	2.7X
APERTURE	f/3.6 - T4
CLOSE FOCUS	2 ft 1 in - 0.63 m
WEIGHT (APPROX.)	4.8 lbs - 2.2 kg
LENGTH	210 mm
FRONT DIAMETER	114 mm
IMAGE COVERAGE	4 perf. scope+: 28.8 mm diagonal
INTERNAL FOCUS	Yes

<b>Field of view for 35 mm 4 perf. (22 x 18.6 mm, 28.8 mm diagonal)</b>		
<b>Focal Length</b>	56 mm	152 mm
<b>Horizontal angular field of view</b>	42.8°	16.4°
<b>Vertical angular field of view</b>	18.7°	7.1°