



# Specifications

## FF/VV

ZOOM RATIO	2.7x
FOCAL LENGTH	37-102
MAXIMUM APERTURE	T2.9
MINIMUM OBJECT DISTANCE	2 ft / 0.6m
IMAGE COVERAGE	46.3mm
WEIGHT	2.5kg / 5.51lbs
FRONT DIAMETER	114mm
MAX DIAMETER	114mm
LENGTH (FRONT TO MOUNT)	235mm = 9 1/4 in
MOUNTS	PL
INTERNAL FOCUS	Yes
IRIS SCALES 2 OPPOSITE SCALES	2 opposite scales
ANGULAR ROTATION OF IRIS RING	71.4°
IRIS GEAR DRIVE	126 teeth, pitch 32
ZOOM SCALES	2 opposite scales
ANGULAR ROTATION OF ZOOM RING	150°
ZOOM GEAR DRIVE	126 teeth, pitch 32
FOCUS SCALES	metric of footage marked
ANGULAR ROTATION OF FOCUS RING	310°
FOCUS GEAR DRIVE	126 teeth, pitch 32
ANGULAR FIELD OF VIEW	for Full-Frame : 40.96x21.6mm
FOCAL LENGTH	37-102
HORIZONTAL ANGULAR FIELD OF VIEW	57.3° / 22.7°
OBJECT DIMENSION AT MOD	449 x 237mm / 159 X 84mm

## U35

ZOOM RATIO	2.7x
FOCAL LENGTH	28-76
MAXIMUM APERTURE	T2.2
MINIMUM OBJECT DISTANCE	2ft / 0.6m
IMAGE COVERAGE	34.6mm
WEIGHT	2.5kg / 5.51lbs
FRONT DIAMETER	114mm
MAX DIAMETER	114mm
LENGTH (FRONT TO MOUNT)	235mm = 9 1/4 in
MOUNTS	PL

## NEW OPTICAL DESIGN

- Completely new optical design to enable **Full Frame Coverage**
- Superb image quality from T2,9 (in FF/VV) open aperture
- Well controlled optical performances at each focal length and focus distance by having a good balance between contrast and resolution. **Appealing cinematic look**
- Perfect homogeneity of color, contrast and resolution. **Low distortion**
- **No ramping**, minimal breathing, very fast for 2.7x zoom ratios
- Close focus of 2ft / 0.6m enables extreme close-up shots
- Internal focus, internal zoom, constant lens volume

## NEW MECHANICAL DESIGN

- Completely newly designed mechanics vs. Optimo 15-40 & 28-76
- **Compact** (235mm) and very **lightweight** (2,6kg / 6lbs)
- Precise and rugged travelling of the zoom and focus groups using Angenieux classic rod mechanical guiding system
- Precise and ergonomic focus ring with scale rotation of 310°, user-optimized marking design
- User changeable focus marking rings (focusing scales available in feet or metric)
- Adapted to extreme shooting environments (**passive athermalization** from -20°C to +45°C)
- Available in PL mount.
- Front protective glass (as an accessory)
- Can be used with with ARRI FF4 & FF5 Follow-Focus, please use ARRI FF Gear 0.8 Module, 43 Tooth, 45mm K2.0020752

## MULTIPLE IMAGE FORMAT DESIGN

- **IRO Technology**
- **Two versions : Optimo Ultra Compact FF/VV + U35 Only and Optimo Ultra Compact Full Pack (FF + U35)**

**Cooke Metadata** : External connector for metadata transfer to an external drive or a display unit

IRIS SCALES 2 OPPOSITE SCALES	2 opposite scales
ANGULAR ROTATION OF IRIS RING (°)	71.4°
IRIS GEAR DRIVE	126 teeth, pitch 32
ZOOM SCALES	2 opposite scales
ANGULAR ROTATION OF ZOOM RIN	150°
ZOOM GEAR DRIVE	126 teeth, pitch 32
FOCUS SCALES	metric of footage marked
ANGULAR ROTATION OF FOCUS RING	310°
FOCUS GEAR DRIVE	126 teeth, pitch 32
ANGULAR FIELD OF VIEW	for Full-Frame : 30.7x15.8mm
FOCAL LENGTH	28-76
HORIZONTAL ANGULAR FIELD OF VIEW	57.3° / 22.7°
OBJECT DIMENSION AT MOD	447 x 224mm / 160 X 84mm

---