

## Alura Lightweight Zooms

Continuing its close collaboration with Fujinon, ARRI is adding two new lightweight lenses to its popular line of modern zooms: the ARRI/FUJINON Alura 15.5-45/T2.8 and the ARRI/FUJINON Alura 30-80/T2.8. Both share the unique characteristics that have made the existing Alura studio zooms (18-80/T2.6 and 45-250/T2.6) already best-sellers: highest optical quality in a robust housing at an affordable price. While optimized for digital cameras, they are compatible with film cameras, available alone or as a 3D matched pair and include the ARRI Lens Data System (LDS).

Following current market trends towards more action-oriented shooting with smaller cameras, these two new zooms have been designed for hand held, Steadicam, small camera setups and 3D rigs, so they are lightweight (around 2 Kg/4.4 lbs) and compact in size. Specifically on 3D rigs the use of lightweight zooms is a great time-saver: focal length can be changed quickly without having to switch lenses and recalibrate the whole rig. A great advantage for 3D shot matching and 2D VFX work is the built-in ARRI Lens Data System (LDS) that will send a continuous stream of lens data to the camera. ARRI's ALEXA Plus, ALEXA Studio and ALEXA M cameras automatically incorporate this metadata into the image output, so accurate lens data is available in post without any further complications on the set.

Using the latest in optical design technology and innovative manufacturing techniques, these lenses exhibit an outstanding optical performance that creates great images on film and has been optimized for the more stringent demands of digital cameras. Combined with a large diameter aspherical lens surface this optimization takes the spectral sensitivity of sensor pixels and the camera's optical low pass filters into account for high resolution images from 2K to 4K+ camera outputs. FUJINON's multi-layer electron beam coating (EBC) and other measures greatly reduce flares and veiling glare for deep, rich blacks and a wide contrast range - the perfect image for today's digital cameras with their wide exposure latitude. Incorporating extraordinary low dispersion glass reduces chromatic aberrations, a lens quality that is much more critical for digital sensors than it used to be for film. A large image circle makes them compatible with all currently available digital cameras. Both zooms further shine with low geometric distortion, even field illumination, minimized breathing (especially at the wide end where it counts) and 9 iris leaves for round, out-of-focus highlights and a pleasing, organic bokeh. Like the previous two Alura zooms, their optical design is well balanced and maintains contrast, resolution and field illumination across the whole focus and zoom range, while keeping light transmission constant, so a T2.8 at 30 mm is still a T2.8 at 80 mm.

The lenses' ergonomics show ARRI's long history in designing tools for high end motion picture film production: robust construction, easy to read, large scales, a matching position of focus, zoom and iris scales and the same 114 mm front diameter as the Master Primes ensure that using these lenses on the set is fast and easy.

With these new lightweight Alura zooms, ARRI is further expanding its exhaustive line of modern, matched zoom and prime lenses.



### Main Features

#### Two new high performance lightweight zooms

- ARRI/FUJINON Alura 15.5-45/T2.8
- ARRI/FUJINON Alura 30-80/T2.8
- Optimized for digital and compatible with film cameras
- Also available as a 3D matched pair

#### Lightweight & compact

- For handheld, Steadicam and 3D rigs

#### ARRI Lens Data System

- Automatically provides lens metadata
- Increases efficiency of VFX and 3D post

#### Outstanding optical performance

- High resolution for 2K to 4K+ camera outputs
- High contrast through minimized flares and veiling glare (FUJINON multi-layer EBC coating)
- Greatly reduced chromatic aberration through the use of extraordinary dispersion glass
- Large image circle of 31.5 mm covers all current digital cameras
- Low geometric distortion and even field illumination
- Minimized breathing, especially at the wide end, where it counts
- Nine iris leaves for round, out-of-focus highlights and a pleasing, organic bokeh
- Consistent contrast, resolution and field illumination across the whole focus and zoom range
- Matched to all other ARRI zoom and prime lenses

#### Film Style Ergonomics

- Robust construction
- Large, easy-to-read precision focus scales on both sides
- Matching focus, zoom and iris scale positions
- 114 mm front diameter (like Master Primes)

#### Easy Servicing

- Feet/meter focus scales can be exchanged
- Zoom centering mechanism

## Alura Zooms



	Alura 15.5-45	Alura 30-80	Alura 18-80	Alura 45-250
Lens type	lightweight zoom	lightweight zoom	studio zoom	studio zoom
Focal range	15.5-45 mm	30-80 mm	18-80 mm	45-250 mm
Maximum aperture	T2.8	T2.8	T2.6	T2.6
Weight	2.2 kg / 4.9 lbs	2.2 kg / 4.9 lbs	4.7 kg / 10.4 lbs	7.5 kg / 16.5 lbs
Close focus	0.6 m / 2'	0.6 m / 2'	0.7 m / 2'4"	1.2 m / 3'11"
Front diameter	114 mm	114 mm	134 mm	134 mm
Lens Data System	✓	✓	—	—