

# Ranger

## COMPACT CINE ZOOM

16 28 75  
30 75 180

PORTABLE  
FLEXIBLE  
CONTROLLABLE

LAOWA | (CINE) PROFESSIONAL CINEMA LENSES

BE CINEMATIC WITH BREEZE AND EASE

SPECIFICATION	Ranger 16-30mm T2.9 FF	Ranger 28-75mm T2.9 FF	Ranger 75-180mm T2.9 FF
Focal Length	16-30mm	28-75mm	75-180mm
Aperture Range	T2.9-T22		
Format	Full Frame		
Image Circle Diameter	Ø43.2mm		
Angle of View	107° - 71.6°	75.3° - 32.2°	32.2° - 17.7°
Zoom Ratio	1.875X	2.7X	2.4X
Lens Structure	18 elements in 12 groups	22 elements in 18 groups	17 elements in 14 groups
Aperture Blades	11 blades		
Aperture Throw	42°		
Zoom Throw	270°		
Focus Throw	270°		
Min. Focusing Distance	33cm (1' 1")	49cm (1' 7")	89cm (2' 11")
Focus Indicator	Dual Scale( Imperial & Metric )		
In-Focus Driving Mode	Manual ( MF )		
Max. Magnification	0.145X	0.23X	0.217X
Gear Mod	0.8 Mod		
Filter Thread	Ø77mm		
Front Diameter	Ø80mm		
Dimensions	Ø 80 x 107.4mm ( Ø 3.15" x 4.22" )	Ø 84.8 x 179.3mm ( Ø 3.34" x 7.06" )	Ø 84.8 x 189.5mm ( ~ Ø 3.34" x 7.46" )
Weight	Standard: ~ 799g ( ~ 1.76lbs ) Lite: ~ 738g ( ~ 1.63lbs )	Standard: ~ 1440g ( ~ 3.17lbs ) Lite: ~ 1264g ( ~ 2.8lbs )	Standard: ~ 1339g ( ~ 2.95lbs ) Lite: ~ 1226g ( ~ 2.7lbs )
Mounts	Arri PL ( Optional : Canon EF, Canon RF, Sony E, Nikon Z, L mount )		