

Lens name	Laowa Sword Macro FF Cine Series					
Focal length	15mm	25mm	35mm	60mm	100mm	180mm
Aperture range	T4.1-32	T2.9-22				T4.6-32
Format	Full Frame					
Image circle diameter	43.2mm / 1.7"					
Angle of view	110.5°	81.7°	63.4°	39.7°	24.4°	13.7°
Lens structure	12 elements in 9 groups	13 elements in 10 groups	13 elements in 10 groups	14 elements in 11 groups	12 elements in 10 groups	12 elements in 9 groups
Aperture blades	14	7	13	13	13	13
Aperture throw	36.38°	40°	59.4°	73.1°	65°	61.3°
Focus throw	84°	100°	270°	160°	220°	270°
Focus scale	Dual Scale					
Min. focusing distance	12cm / 4.72"	16.8cm / 6.61"	17.8cm / 7.01"	21cm / 8.27"	24.7cm / 9.72"	30.6cm / 12.05"
Min. working distance	0.07cm / 0.028"	2.14cm / 0.85"	3.2cm / 1.26"	5.9cm / 2.32"	8cm / 3.15"	14.2cm / 5.59"
Focus mode	Manual (MF)					
Magnification	1X	1X	1X	2X	2X	1.5X
Follow Focus Pitch	0.8mm / 0.03"					
Filter Thread	φ95mm / φ3.74016"	φ77mm / φ3.03"				
Front Diameter	Ø100mm / Ø3.94"	Ø80mm / Ø3.15"				
Dimensions	67.27mm*Ø104.8mm / 2.65"*Ø4.13"	94.56mm*Ø85.6mm / 3.72"*Ø3.37"	94.56mm*Ø85.6mm / 3.72"*Ø3.37"	112.93mm*Ø85.6mm / 4.45"*Ø3.37"	139.5mm*Ø85.6mm / 5.49"*Ø3.37"	125.21mm*Ø85.6mm / 4.93"*Ø3.37"
Weight	~640g (Without front lens cap and rear lens cap)	~755g / 1.66lb (Without front lens cap and rear lens cap)	~750g / 1.65lb (Without front lens cap and rear lens cap)	~736g / 1.63lb (Without front lens cap and rear lens cap)	~957g / 2.11lb (Without front lens cap and rear lens cap)	~734g / 1.62lb (Without front lens cap and rear lens cap)
Mounts	ARRI PL (Optional: Canon EF, Sony E, Canon RF, Nikon Z, L mount)	ARRI PL (Optional: Sony E, Canon RF, Nikon Z, L mount) *NO EF mount	ARRI PL (Optional: Canon EF, Sony E, Canon RF, Nikon Z, L mount)	ARRI PL (Optional: Canon EF, Sony E, Canon RF, Nikon Z, L mount)	ARRI PL (Optional: Canon EF, Sony E, Canon RF, Nikon Z, L mount)	ARRI PL (Optional: Canon EF, Sony E, Canon RF, Nikon Z, L mount)