



Signature Prime

Organic images filled with life and emotion

Accompanying the ALEXA LF camera are 16 large-format ARRI Signature Prime lenses, ranging from 12 mm to 280 mm and fitted with the ARRI LPL mount. While the Signature Primes exemplify state-of-the-art optical precision, they have been designed to render organic, emotionally engaging images, gently softening and texturizing the large format with natural skin tones and creamy bokeh. A fast T-stop of T1.8 facilitates shallow depth of field and the smooth focus fall-off gives subjects heightened presence in the frame.

The ARRI Signature Prime range is the first cine lens series to feature machined magnesium lens barrels, making the optics incredibly lightweight and robust. They are also the first to incorporate ARRI's next-generation LDS-2 Lens Data System, with high data rates and absolute encoders for fast initializing. LDS-2 extends the possibilities of lens data and is being licensed to other lens and camera manufacturers.

Signature Prime technical details

Name	ARRI SIGNATURE PRIME 18/T1.8	ARRI SIGNATURE PRIME 21/T1.8	ARRI SIGNATURE PRIME 25/T1.8	ARRI SIGNATURE PRIME 29/T1.8
Release	2018	2018	2018	2018
Lens Mount	LPL	LPL	LPL	LPL
MOD from sensor plane (minimum marked distance)	0.35 m / 14"	0.35 m / 14"	0.35 m / 14"	0.35 m / 14"
MOD from lens front	0.13 m / 5.1"	0.13 m / 5.1"	0.13 m / 5.1"	0.13 m / 5.1"
Length from flange	178 mm / 7.01"	178 mm / 7.01"	178 mm / 7.01"	178 mm / 7.01"
Magnification Ratio at MOD (Paraxial)	1:9.2	1:8.2	1:7.1	1:6.4
Entrance pupil position (related to image plane, in direction to object)	189.9 mm / 7.48"	183.4 mm / 7.22"	178.1 mm / 7.01"	166.0 mm / 6.54"
Angle of view H - V - D for LF Open Gate	91.4° / 71.0° / 102.6°	82.8° / 63.0° / 94.0°	73.0° / 54.4° / 84.0°	65.2° / 47.8° / 75.8°
Front diameter	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"
Maximum housing diameter	115 mm / 4.53"	115 mm / 4.53"	115 mm / 4.53"	115 mm / 4.53"
Weight (lens only)	2.0 kg / 4.4 lb	1.9 kg / 4.2 lb	1.9 kg / 4.2 lb	1.8 kg / 4.0 lb

Name	ARRI SIGNATURE PRIME 35/T1.8	ARRI SIGNATURE PRIME 40/T1.8	ARRI SIGNATURE PRIME 47/T1.8	ARRI SIGNATURE PRIME 58/T1.8
Release	2018	2018	2018	2018
Lens Mount	LPL	LPL	LPL	LPL
MOD from sensor plane (minimum marked distance)	0.35 m / 14"	0.35 m / 14"	0.45 m / 18"	0.45 m / 18"
MOD from lens front	0.13 m / 5.1"	0.13 m / 5.1"	0.23 m / 9.0"	0.23 m / 9.0"
Length from flange	178 mm / 7.01"	178 mm / 7.01"	178 mm / 7.01"	178 mm / 7.01"
Magnification Ratio at MOD (Paraxial)	1:5.4	1:4.8	1:6.3	1:5.3
Entrance pupil position (related to image plane, in direction to object)	162.5 mm / 6.40"	159.8 mm / 6.29"	156.1 mm / 6.15"	145.4 mm / 5.72"
Angle of view H - V - D for LF Open Gate	55.4° / 40.2° / 65.2°	49.2° / 35.4° / 58.2°	42.6° / 30.4° / 50.8°	34.8° / 24.8° / 41.8°
Front diameter	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"
Maximum housing diameter	115 mm / 4.53"	115 mm / 4.53"	115 mm / 4.53"	115 mm / 4.53"
Weight (lens only)	1.7 kg / 3.7 lb	1.8 km / 4.0 lb	1.8 kg / 4.0 lb	2.0 kg / 4.4 lb

Name	ARRI SIGNATURE PRIME 75/T1.8	ARRI SIGNATURE PRIME 95/T1.8	ARRI SIGNATURE PRIME 125/T1.8	ARRI SIGNATURE PRIME 150/T1.8
Release	2018	2018	2018	2018
Lens Mount	LPL	LPL	LPL	LPL
MOD from sensor plane (minimum marked distance)	0.65 m / 26"	0.85 m / 3' 1"	1 m / 3' 4"	1.5 m / 5'
MOD from lens front	0.43 m / 16.9"	0.63 m / 2' 1"	0.78 m / 2' 7"	1.25 m / 4' 2"
Length from flange	178 mm / 7.01"	178 mm / 7.01"	178 mm / 7.01"	208 mm / 8.19"
Magnification Ratio at MOD (Paraxial)	1:7.2	1:7.9	1:7.0	1:9.0
Entrance pupil position (related to image plane, in direction to object)	118.6 mm / 4.67"	86.6 mm / 3.41"	66.3 mm / 2.61"	145.4 mm / 5.72"
Angle of view H - V - D for LF Open Gate	27.6° / 19.4° / 33.2°	21.8° / 15.2° / 26.4°	16.6° / 11.6° / 20.2°	13.8° / 9.8° / 16.8°
Front diameter	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"
Maximum housing diameter	115 mm / 4.53"	115 mm / 4.53"	115 mm / 4.53"	135 mm / 5.31"
Weight (lens only)	1.9 kg / 4.2 lb	2.4 kg / 5.3 lb	2.3 kg / 5.1 lb	3.5 kg / 7.7 lb

Name	ARRI SIGNATURE PRIME 200/T2.5	ARRI SIGNATURE PRIME 12/T1.8	ARRI SIGNATURE PRIME 15/T1.8	ARRI SIGNATURE PRIME 280/T2.8
Release	2018	2019	2019	2019
Lens Mount	LPL	LPL	LPL	LPL
MOD from sensor plane (minimum marked distance)	1.8 m / 6'	0.35 m / 14"	0.35 m / 14"	2.5 m / 8' 2"
MOD from lens front	1.54 m / 5'	tbd	tbd	tbd
Length from flange	218 mm / 8.58"	tbd	tbd	tbd
Magnification Ratio at MOD (Paraxial)	1:8.3	tbd	tbd	tbd
Entrance pupil position (related to image plane, in direction to object)	48.0 mm / 1.89"	tbd	tbd	tbd
Angle of view H - V - D for LF Open Gate	10.4° / 7.2° / 12.6°	113.6° / 93.6° / 123.5°	101.5° / 80.8° / 112.3°	7.5° / 5.2° / 9.1°
Front diameter	114 mm / 4.49"	tbd	tbd	134 mm / 5.28"
Maximum housing diameter	135 mm / 5.31"	tbd	tbd	tbd
Weight (lens only)	3.6 kg / 7.9 lb	tbd	tbd	5.5 kg / 12.1 lb