



ARRI Signature Prime

Datasheet

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ARRI Signature Prime	12/T1.8	15/T1.8	18/T1.8	21/T1.8
Item Numbers				
Set Numbers	KK.0019185 (m) KK.0019183 (ft)	KK.0019188 (m) KK.0019187 (ft)	KK.0019191 (m) KK.0019189 (ft)	KK.0019193 (m) KK.0019192 (ft)
Lens Numbers	K2.0017257 (m) K2.0017278 (ft)	K2.0017258 (m) K2.0017279 (ft)	K2.0017259 (m) K2.0017280 (ft)	K2.0017260 (m) K2.0017281 (ft)
Materials				
Barrel & Structure	anodized aluminum magnesium	anodized aluminum magnesium	anodized aluminum magnesium	anodized aluminum magnesium
Lens Elements	Glass	Glass	Glass	Glass
Optical Parameters				
Focal length	12 mm	15 mm	18 mm	21 mm
Optical Parameters				
Focal length	12 mm	15 mm	18 mm	21 mm
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	0.07 m / 2.6"	0.1 m / 4.3"	0.13 m / 5.1"	0.13 m / 5.1"
Magnification ratio at MOD	1:7.0	1:10.3	1:9.2	1:8.2
Entrance pupil position (related to image plane, in direction to object plane)	262.5 mm / 10.34"	203.0 mm / 7.99"	189.5 mm / 7.46"	183.4 mm / 7.22"
Angle of view H-V-D for LF Open Gate	114.2° / 94.0° / 124.0°	102.0° / 81.2° / 112.9°	91.4° / 71.0° / 102.6°	82.7° / 63.0° / 94.0°
Physical Dimensions				
Front diameter	134 mm / 5.28"	156 mm / 6.14"	114 mm / 4.49"	114 mm / 4.49"
Max. housing diameter	135 mm / 5.31"	157 mm / 6.18"	115 mm / 4.53"	115 mm / 4.53"
Length from flange	239 mm / 9.41"	197 mm / 7.75"	178 mm / 7.01"	178 mm / 7.01"
Weight (lens only)	2.8 kg / 6.2lb	2.8 kg / 6.1lb	2.0 kg / 4.4lb	1.9 kg / 4.2lb
Lens barrel	Magnesium	Magnesium	Magnesium	Magnesium
Interfaces				
Lens mount	LPL	LPL	LPL	LPL
Lens data system	LDS-2	LDS-2	LDS-2	LDS-2
Flange focal distance	44 mm	44 mm	44 mm	44 mm
ARRI Signature Prime 12 mm: Due to its unique optical design, the image that the ARRI Signature Prime 12 lens produces on the image sensor is rotated by 180° with respect to a normal lens.				

ARRI Signature Prime	25/T1.8	29/T1.8	35/T1.8	40/T1.8
Item Numbers				
Set Numbers	KK.0019196 (m) KK.0019194 (ft)	KK.0019199 (m) KK.0019197 (ft)	KK.0019102 (m) KK.0019099 (ft)	KK.0019201 (m) KK.0019200 (ft)
Lens Numbers	K2.0017261 (m) K2.0017282 (ft)	K2.0017262 (m) K2.0017283 (ft)	K2.0017263 (m) K2.0017284 (ft)	K2.0017264 (m) K2.0017285 (ft)
Materials				
Barrel & Structure	anodized aluminum magnesium	anodized aluminum magnesium	anodized aluminum magnesium	anodized aluminum magnesium
Lens Elements	Glass	Glass	Glass	Glass
Optical Parameters				
Focal length	25 mm	29 mm	35 mm	40 mm
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"
Magnification ratio at MOD	1:7.1	1:6.4	1:5.4	1:4.8
Entrance pupil position (related to image plane, in direction to object plane)	177.6 mm / 7.01"	165.8 mm / 6.53"	162.1 mm / 6.53"	159.3 mm / 6.27"
Angle of view H-V-D for LF Open Gate	73.0° / 54.4° / 84.0°	65.1° / 47.9° / 75.7°	55.5° / 40.2° / 65.3°	49.3° / 35.4° / 58.3°
Physical Dimensions				
Front diameter	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"
Max. housing diameter	115 mm / 4.53"	115 mm / 4.53"	115 mm / 4.53"	115 mm / 4.53"
Length from flange	178 mm / 7.01"	178 mm / 7.01"	178 mm / 7.01"	178 mm / 7.01"
Weight (lens only)	1.9 kg / 4.2lb	1.8 kg / 4.0lb	1.7 kg / 3.7lb	1.8 kg / 4.0lb
Lens barrel	Magnesium	Magnesium	Magnesium	Magnesium
Interfaces				
Lens mount	LPL	LPL	LPL	LPL
Lens data system	LDS-2	LDS-2	LDS-2	LDS-2
Flange focal distance	44 mm	44 mm	44 mm	44 mm

ARRI Signature Prime	47/T1.8	58/T1.8	75/T1.8	95/T1.8
Item Numbers				
Set Numbers	KK.019105 (m) KK.0019104 (ft)	KK.0019203 (m) KK.0019202 (ft)	KK.0019107 (m) KK.0019106 (ft)	KK.0019205 (m) KK.0019204 (ft)
Lens Numbers	K2.0017265 (m) K2.0017286 (ft)	K2.0017266 (m) K2.0017287 (ft)	K2.0017271 (m) K2.0017292 (ft)	K2.0017268 (m) K2.0017289 (ft)
Materials				
Barrel & Structure	anodized aluminum magnesium	anodized aluminum magnesium	anodized aluminum magnesium	anodized aluminum magnesium
Lens Elements	Glass	Glass	Glass	Glass
Optical Parameters				
Focal length	47 mm	58 mm	75 mm	95 mm
MOD from sensor plane (minimum marked distance)	0.45 m / 18"	0.45 m / 18"	0.65 m / 26"	0.85 m / 29"
MOD from lens front	0.23 m / 9.0"	0.23 m / 9.0"	0.43 m / 16.9"	0.63 m / 21"
Magnification ratio at MOD	1:6.3	1:5.4	1:7.2	1:7.9
Entrance pupil position (related to image plane, in direction to object plane)	155.8 mm / 6.13"	143.9 mm / 5.66"	115.5 mm / 4.55"	85.4 mm / 3.36"
Angle of view H-V-D for LF Open Gate	42.6° / 30.4° / 50.8°	34.9° / 24.8° / 41.8°	27.5° / 19.3° / 33.3°	21.6° / 15.3° / 26.5°
Physical Dimensions				
Front diameter	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"
Max. housing diameter	115 mm / 4.53"	115 mm / 4.53"	115 mm / 4.53"	115 mm / 4.53"
Length from flange	178 mm / 7.01"	178 mm / 7.01"	178 mm / 7.01"	178 mm / 7.01"
Weight (lens only)	1.8 kg / 4.0lb	2.0 kg / 4.4lb	1.9 kg / 4.2lb	1.9 kg / 4.2lb
Lens barrel	Magnesium	Magnesium	Magnesium	Magnesium
Interfaces				
Lens mount	LPL	LPL	LPL	LPL
Lens data system	LDS-2	LDS-2	LDS-2	LDS-2
Flange focal distance	44 mm	44 mm	44 mm	44 mm

ARRI Signature Prime	125/T1.8	150/T1.8	200/T2.5	280/T2.8
Item Numbers				
Set Numbers	KK.0019109 (m) KK.0019108 (ft)	KK.0019207 (m) KK.0019206 (ft)	KK.0019210 (m) KK.0019209 (ft)	KK.0019213 (m) KK.0019211 (ft)
Lens Numbers	K2.0017269 (m) K2.0017291 (ft)	K2.0017271 (m) K2.0017292 (ft)	K2.0017272 (m) K2.0017307 (ft)	K2.0017273 (m) K2.0017309 (ft)
Materials				
Barrel & Structure	anodized aluminum magnesium	anodized aluminum magnesium	anodized aluminum magnesium	anodized aluminum magnesium
Lens Elements	Glass	Glass	Glass	Glass
Optical Parameters				
Focal length	125 mm	150 mm	200 mm	280 mm
MOD from sensor plane (minimum marked distance)	1.00 m / 3'4"	1.50 m / 5'	1.80 m / 6'	2.5 m / 8'3"
MOD from lens front	0.78 m / 2'7"	1.25 m / 4'2"	1.54 m / 5'1"	2.18 m / 7'2"
Magnification ratio at MOD	1:7.0	1:9.0	1:8.3	1:8.3
Entrance pupil position (related to image plane, in direction to object plane)	52.6 mm / 2.07"	54.5 mm / 2.15"	34.9mm / 1.37"	36.9 mm / 1.45"
Angle of view H-V-D for LF Open Gate	16.6° / 11.6° / 20.2°	13.9° / 9.7° / 16.9°	10.4° / 7.3° / 12.6°	7.4° / 5.2° / 9.0°
Physical Dimensions				
Front diameter	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"	134 mm / 5.28"
Max. housing diameter	115 mm / 4.53"	135 mm / 5.31"	135 mm / 5.31"	135 mm / 5.31"
Length from flange	178 mm / 7.01"	208 mm / 8.19"	218 mm / 8.58"	278 mm / 10.93"
Weight (lens only)	2.3 kg / 5.1lb	3.25 kg / 7.3lb	3.1 kg / 6.13lb	4.3 kg / 9.48lb
Lens barrel	Magnesium	Magnesium	Magnesium	Magnesium
Interfaces				
Lens mount	LPL	LPL	LPL	LPL
Lens data system	LDS-2	LDS-2	LDS-2	LDS-2
Flange focal distance	44 mm	44 mm	44 mm	44 mm