

ARRI Signature Prime

Technical Data



Name	ARRI Signature Prime 12/T1.8*	ARRI Signature Prime 15/T1.8	ARRI Signature Prime 18/T1.8	ARRI Signature Prime 21/T1.8
Lens Mount	LPL	LPL	LPL	LPL
LDS	LDS-2 or Cooke/i	LDS-2 or Cooke/i	LDS-2 or Cooke/i	LDS-2 or Cooke/i
Aperture	T1.8 - T22	T1.8 - T22	T1.8 - T22	T1.8 - T22
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"
Length from flange	239 mm / 9.41"	197 mm / 7.75"	178 mm / 7.01"	178 mm / 7.01"
Magnification ratio at MOD (Paraxial)	1:7.0	1:10.3	1:9.2	1:8.2
Entrance pupil position (related to image plane, in direction to object)	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°

Maximum housing diameter	135 mm / 5.31"	157 mm / 6.18"	115 mm / 4.52"	115 mm / 4.52"
Front diameter	134 mm / 5.28"	156 mm / 6.14"	114 mm / 4.49"	114 mm / 4.49"
Weight (lens only)	2.8 kg / 6.2 lb	2.8 kg / 6.1 lb	2.0 kg / 4.4 lb	1.9 kg / 4.2lb
Item number meter	KK.0019185	KK.0019188	KK.0019191	KK.0019193
Item number feet	KK.0019183	KK.0019187	KK.0019189	KK.0019192

* Optical image rotation

Name	ARRI Signature Prime 25/T1.8	ARRI Signature Prime 29/T1.8	ARRI Signature Prime 35/T1.8	ARRI Signature Prime 40/T1.8
Lens Mount	LPL	LPL	LPL	LPL
LDS	LDS-2 or Cooke/i	LDS-2 or Cooke/i	LDS-2 or Cooke/i	LDS-2 or Cooke/i
Aperture	T1.8 - T22	T1.8 - T22	T1.8 - T22	T1.8 - T22
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"	0.13 m / 5"	0.13 m / 5"	0.13 m / 5"
Length from flange	178 mm / 7.01"	178 mm / 7.01"	178 mm / 7.01"	178 mm / 7.01"

Magnification ratio at MOD (Paraxial)	1:7.1	1:6.4	1:5.4	1:4.8
Entrance pupil position (related to image plane, in direction to object)	177.6 mm / 7.00"	165.8 mm / 6.53"	162.1 mm / 6.38"	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°
Maximum housing diameter	115 mm / 4.52"	115 mm / 4.52"	115 mm / 4.52"	115 mm / 4.52"
Front diameter	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"
Weight (lens only)	1.9 kg / 4.2lb	1.8 kg / 4.0lb	1.7 kg / 3.7lb	1.8 kg / 4.0lb
Item number meter	KK.0019196	KK.0019199	KK.0019102	KK.0019201
Item number feet	KK.0019194	KK.0019197	KK.0019099	KK.0019200
Name	ARRI Signature Prime 47/T1.8	ARRI Signature Prime 58/T1.8	ARRI Signature Prime 75/T1.8	ARRI Signature Prime 95/T1.8
Lens Mount	LPL	LPL	LPL	LPL
LDS	LDS-2 or Cooke/i	LDS-2 or Cooke/i	LDS-2 or Cooke/i	LDS-2 or Cooke/i

Aperture	T1.8 - T22	T1.8 - T22	T1.8 - T22	T1.8 - T22
MOD from sensor plane (minimum marked distance)	0.45 m / 18"	0.45 m / 18"	0.65 m / 26"	0.85 m / 2' 9"
MOD from lens front	0.23 m / 9.0"	0.23 m / 9.0"	0.43 m / 17"	0.63 m / 2' 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)	1:6.3	1:5.4	1:7.2	1:7.9
Entrance pupil position (related to image plane, in direction to object)	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°
Maximum housing diameter	115 mm / 4.52"	115 mm / 4.52"	115 mm / 4.52"	115 mm / 4.52"
Front diameter	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"
Weight (lens only)	1.8 kg / 4.0lb	2.0 kg / 4.4lb	1.9 kg / 4.2lb	1.9 kg/4.2lb
Item number meter	KK.0019105	KK.0019203	KK.0019107	KK.0019205
Item number feet	KK.0019104	KK.0019202	KK.0019106	KK.0019204

Name	ARRI Signature Prime 125/T1.8	ARRI Signature Prime 150/T1.8	ARRI Signature Prime 200/T2.5	
Lens Mount	LPL	LPL	LPL	
LDS	LDS-2 or Cooke/i	LDS-2 or Cooke/i	LDS-2 or Cooke/i	
Aperture	T1.8 - T22	T1.8 - T22	T2.5 - T22	
MOD from sensor plane (minimum marked distance)	1 m / 3' 4"	1.5 m / 5'	1.8 m / 6'	
MOD from lens front	0.78 m / 2' 7"	1.25 m / 4' 2"	1.54 m / 5' 1"	
Length from flange	178 mm / 7.01"	208 mm / 8.19"	218 mm / 8.58"	
Magnification ratio at MOD (Paraxial)	1:7.0	1:9.0	1:8.3	
Entrance pupil position (related to image plane, in direction to object)	52.6 mm / 2.07"	54.5 mm / 2.15"	34.9 mm / 1.37"	
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°	
Maximum housing diameter	115 mm / 4.52"	135 mm / 5.31"	135 mm / 5.31"	
Front diameter	114 mm / 4.49"	114 mm / 4.49"	114 mm / 4.49"	

Weight (lens only)	2.3 kg / 5.1lb	3.25 kg/7.3lb	3.1 kg / 6.13lb
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Item number meter	KK.0019109	KK.0019207	KK.0019210
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Item number feet	KK.0019108	KK.0019205	KK.0019209
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Name	ARRI Signature Prime 280/T2.8	ARRI Signature Prime 280/T2.8 + 1.7x Extender
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Lens Mount	LPL	LPL
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LDS	LDS-2 or Cooke/i
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Aperture	T2.8 - T22	T4.95 - T39.62
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MOD from sensor plane (minimum marked distance)	2.5 m / 8' 3"	2.54 m / 8.38' (2.5m / 8'3")
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MOD from lens front	2.18m / 7' 2"	2.18 m / 7'2"
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Length from flange	278mm / 10.93"	Extender: 53,8mm / 2.1" - Extension by Extender: 36,8mm / 1.4" - Lens + Extender: 314.8mm / 12"
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Magnification ratio at MOD (Paraxial)	1:8.3	1:4.7
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Entrance pupil position (related to image plane, in direction to object)

36.9 mm / 1.45"

73.73 mm

Angle of view

H - V - D

for LF Open Gate

7.4° / 5.2° / 9.0°

4.7° / 3.1° / 5.5°

Maximum housing diameter

135 mm / 5.31"

Extender only: 115mm / 4.5" including handles - 135 mm / 5.31" with lens

Front diameter

134 mm / 5.28"

134 mm / 5.28"

Weight (lens only)

4.3 kg / 9.48lb

Extender: 0.58 kg / 1lb 4oz - Lens +
Extender: 4.9kg / 10lb 13oz

Item number meter

KK.0019213

Extender: KK.0038609

Item number feet

KK.0019211

Extender: K2.0038220