

Technical Data

Name	ARRI Master Prime 12/T1.3	ARRI Master Prime 14/T1.3	ARRI Master Prime 16/T1.3
Lens Mount⁽¹⁾	PL LDS	PL LDS	PL LDS
Aperture	T1.3 - T22	T1.3 - T22	T1.3 - T22
Close Focus⁽²⁾	0.40 m / 16"	0.35 m / 14"	0.35 m / 14"
Magnification Ratio⁽³⁾	1:16.5	1:11.7	1:11.8
Length⁽⁴⁾	197 mm / 7.8"	172 mm / 6.8"	153 mm / 6"
Length⁽¹⁴⁾	249 mm / 9.80"	224 mm / 8.82"	205 mm / 8.07"
Angle of view H – V – D Normal 359 ID = 27.20 mm⁽⁷⁾	83.87° - 66.44° - 96.13°	76.42° - 59.41° - 88.52°	70.07° - 53.79° - 81.76°
Angle of view H – V – D DIN Super 3510 ID = 30.00 mm⁽⁷⁾	88.85° - 72.70° - 101.97°	81.24° - 65.39° - 94.07°	74.85° - 59.56° - 87.24°
Angle of view H – V – D ANSI Super 3511 ID = 31.14 mm⁽⁷⁾	90.98° - 74.78° - 104.26°	83.44° - 67.49° - 96.33°	76.87° - 61.50° - 89.33°

Entrance pupil⁽⁶⁾	208,3 mm / 8.2“	189,3 mm / 7.5“	158,8 mm / 6.3“
Maximum Housing Diameter	159 mm / 6.3"	128 mm / 5"	158,8 mm / 6.3“
Front Diameter⁽⁵⁾	156 mm / 6.1"	114 mm / 4.5"	114 mm / 4.5"
Weight	2.9 Kg / 6.4 lb	2.4 Kg / 5.3 lb	2.2 Kg / 4.8 lb
Item number meter	K2.47618.0	K2.47615.0	K2.47600.0
Item number feet	K2.47718.0	K2.47715.0	K2.47700.0

Name	ARRI Master Prime 21/T1.3	ARRI Master Prime 25/T1.3	ARRI Master Prime 27/T1.3
Lens Mount⁽¹⁾	PL LDS	PL LDS	PL LDS
Aperture	T1.3 - T22	T1.3 - T22	T1.3 - T22
Close Focus⁽²⁾	0.35 m / 14"	0.35 m / 14"	0.35 m / 14"
Magnification Ratio⁽³⁾	1:9.5	1:8.6	1:7.8
Length⁽⁴⁾	153 mm / 6"	153 mm / 6"	153 mm / 6"
Length⁽¹⁴⁾	205 mm / 8.07"	205 mm / 8.07"	205 mm / 8.07"

Angle of view H – V – D Normal 359 ID = 27.20 mm⁽⁷⁾	55.96° - 42.05° - 66.60°	48.12° - 35.79° - 57.97°	43.82° - 32.45° - 53.08°
Angle of view H – V – D DIN Super 3510 ID = 30.00 mm⁽⁷⁾	60.22° - 46.85° - 71.70°	52.01° - 40.00° - 62.89°	47.45° - 36.31° - 57.80°
Angle of view H – V – D ANSI Super 3511 ID = 31.14 mm⁽⁷⁾	62.07° - 48.50° - 73.66°	53.72° - 41.45° - 64.81°	49.06° - 37.64° - 59.66°
Entrance pupil⁽⁶⁾	149,3 mm / 5.9"	135,9 mm / 5.4"	136,7 mm / 5.4"
Maximum Housing Diameter	128 mm / 5"	128 mm / 5"	128 mm / 5"
Front Diameter⁽⁵⁾	114 mm / 4.5"	114 mm / 4.5"	114 mm / 4.5"
Weight	2.4 Kg / 5.3 lb	2.6 Kg / 5.1 lb	2.2 Kg / 4.8 lb
Item number meter	K2.47602.0	K2.47603.0	K2.47604.0
Item number feet	K2.47702.0	K2.47703.0	K2.47704.0
Name	ARRI Master Prime 35/T1.3	ARRI Master Prime 40/T1.3	ARRI Master Prime 50/T1.3
Lens Mount⁽¹⁾	PL LDS	PL LDS	PL LDS

Aperture	T1.3 - T22	T1.3 - T22	T1.3 - T22
Close Focus⁽²⁾	0.35 m / 14"	0.40 m / 16"	0.50 m / 20"
Magnification Ratio⁽³⁾	1:6.4	1:7.0	1:7.0
Length⁽⁴⁾	153 mm / 6"	153 mm / 6"	153 mm / 6"
Length⁽¹⁴⁾	205 mm / 8.07"	205 mm / 8.07"	205 mm / 8.07"
Angle of view H – V – D Normal 359 ID = 27.20 mm⁽⁷⁾	35.04° - 25.82° - 42.64°	30.91° - 22.75° - 37.68°	25.02° - 18.27° - 30.81°
Angle of view H – V – D DIN Super 3510 ID = 30.00 mm⁽⁷⁾	38.01° - 28.94° - 46.52°	33.55° - 25.51° - 41.15°	27.26° - 20.53° - 33.88°
Angle of view H – V – D ANSI Super 3511 ID = 31.14 mm⁽⁷⁾	39.33° - 30.02° - 48.04°	34.73° - 26.46° - 42.52°	28.26° - 21.32° - 35.13°
Entrance pupil⁽⁶⁾	126,9 mm / 4.9"	119,6 mm / 4.7"	136,1 mm / 5.4"
Maximum Housing Diameter	128 mm / 5"	128 mm / 5"	128 mm / 5"
Front Diameter⁽⁵⁾	114 mm / 4.5"	114 mm / 4.5"	114 mm / 4.5"
Weight	2.2 Kg / 4.8 lb	2.3 Kg / 5.1 lb	2.7 Kg / 5.9 lb

Item number meter	K2.47606.0	K2.47607.0	K2.47608.0
Item number feet	K2.47705.0	K2.47707.0	K2.47708.0
Name	ARRI Master Prime 75/T1.3	ARRI Master Prime 100/T1.3	ARRI Master Prime 135/T1.3
Lens Mount⁽¹⁾	PL LDS	PL LDS	PL LDS
Aperture	T1.3 - T22	T1.3 - T22	T1.3 - T22
Close Focus⁽²⁾	0.80 m / 2'9"	1.00 m / 3'6"	0.95m / 3'3"
Magnification Ratio⁽³⁾	1:8.9	1:8.9	1:6.6
Length⁽⁴⁾	153 mm / 6"	153 mm / 6"	172 mm / 6.8"
Length⁽¹⁴⁾	205 mm / 8.07"	205 mm / 8.07"	224 mm / 8.82"
Angle of view H – V – D Normal 359 ID = 27.20 mm⁽⁷⁾	16.66° - 12.17° - 20.51°	12.60° - 9.17° - 15.56°	9.49° - 6.91° - 11.72°
Angle of view H – V – D DIN Super 3510 ID = 30.00 mm⁽⁷⁾	18.15° - 13.67° - 22.56°	12.60° - 9.17° - 15.56°	10.35° - 7.77° - 12.91°

Angle of view H – V – D	18.82° - 14.20° - 23.39°	14.25° - 10.72° - 17.79°	10.73° - 8.07° - 13.40°
ANSI Super 3511 ID = 31.14 mm⁽⁷⁾			
Entrance pupil⁽⁶⁾	102,5 mm / 4.0"	57,2 mm / 2.3"	30.1 mm / 1.2"
Maximum Housing Diameter	128 mm / 5"	128 mm / 5"	128 mm / 5"
Front Diameter⁽⁵⁾	114 mm / 4.5"	114 mm / 4.5"	114 mm / 4.5"
Weight	2.8 Kg / 6.2 lb	2.9 Kg / 6.4 lb	2.8 Kg / 6.2 lb
Item number meter	K2.47610.0	K2.47611.0	K2.47619.0
Item number feet	K2.47710.0	K2.47711.0	K2.47719.0