

Technical Data

Name:	Master Anamorphic MA 28/T1.9	Master Anamorphic MA 35/T1.9	Master Anamorphic MA 40/T1.9	Master Anamorphic MA 50/T1.9	Master Anamorphic MA 60/T1.9
Lens Mount⁽¹⁾:	PL LDS	PL LDS	PL LDS	PL LDS	PL LDS
Aperture:	T1.9 - T22	T1.9 - T22	T1.9 - T22	T1.9 - T22	T1.9 - T22
Close Focus⁽²⁾:	0.65 m / 2'3"	0.75 m / 2'6"	0.70 m / 2'4"	0.75 m / 2'6"	0.90 m / 3'
Magnification Ratio⁽³⁾:	H: 1:32.3 V: 1:16.4	H: 1:32.3, V: 1:16.1	H: 1:25.6, V: 1:12.8	H: 1:22.2, V: 1:11.1	H: 1:24.3, V: 1:12.2
Length⁽⁴⁾:	183 mm / 7.2"	183 mm / 7.2"	183 mm / 7.2"	183 mm / 7.2"	183 mm / 7.2"
Length⁽¹²⁾:	235 mm / 9.3"	235 mm / 9.3"	235 mm / 9.3"	235 mm / 9.3"	235 mm / 9.3"
Entrance Pupil⁽⁶⁾ (mm):	-188	-179	-177	-171	-152
Entrance Pupil⁽⁶⁾ (inch):	-7.04	-7.04	-6.96	-6.75	-5.99
Angle of view H - V Super 35 Cinemascope⁽⁸⁾ ID = 29.26 mm⁽⁷⁾	78° - 36°	65° - 30°	59° - 26°	48° - 21°	41° - 18°
Maximum Housing Diameter:	114 mm / 4.5"	114 mm / 4.5"	114 mm / 4.5"	114 mm / 4.5"	114 mm / 4.5"
Front Diameter⁽⁵⁾:	114 mm / 4.5"	95 mm / 3.7"	95 mm / 3.7"	95 mm / 3.7"	95 mm / 3.7"
Weight:	2,5 kg / 5,5lb	2,6 kg / 5,7lb	2,7 kg / 6lb	2,6 kg / 5,7lb	2,7 kg / 6lb
Item number meter:	K2.0010083	K2.47957.0	K2.47958.0	K2.47959.0	K2.47960.0
Item number feet:	K2.0010082	K2.47542.0	K2.47943.0	K2.47944.0	K2.47945.0

Name:	Master Anamorphic MA 75/T1.9	Master Anamorphic MA 100/T1.9	Master Anamorphic MA 135/T1.9	Master Anamorphic MA 180/T2.8
Lens Mount ⁽¹⁾ :	PL LDS	PL LDS	PL LDS	
Aperture:	T1.9 - T22	T1.9 - T22	T1.9 - T22	T2.8 - T22
Close Focus ⁽²⁾ :	0.90 m / 3'	0.95 m / 3'1"	1.20 m / 3'11"	1.5 m / 5'
Magnification Ratio ⁽³⁾ :	H: 1:19.6, V: 1: 9.8	H: 1:14.7, V: 1: 7.4	H: 1:15.6, V: 1: 7.8	H: 1:15.9 V: 1:7.9
Length ⁽⁴⁾ :	183 mm / 7.2"	210 mm / 8.1"	226 mm / 9.1"	226 mm / 9.1"
Length ⁽¹²⁾ :	235 mm / 9.3"	262 mm / 10.2"	278 mm / 10.7"	278 mm / 10.7"
Entrance Pupil ⁽⁶⁾ (mm)	-137	-146	-129	-98
Entrance Pupil ⁽⁶⁾ (inch)	-5.38	-5.74	-5.09	-3.86
Angle of view H - V				
Super 35 Cinemascope ⁽⁸⁾ ID = 29.26 mm ⁽⁷⁾	33° - 14°	25° - 11°	19° - 8°	14° - 6°
Maximum Housing Diameter:	114 mm / 4.5"	114 mm / 4.5"	114 mm / 4.5"	114 mm / 4.5"
Front Diameter ⁽⁵⁾ :	95 mm / 3.7"	95 mm / 3.7"	95 mm / 3.7"	95 mm / 3.7"
Weight	2,6 kg / 5,7lb	3,1 kg / 6,8lb	3,8 kg / 8,4lb	3,2 kg / 7,1lb
Item number meter	K2.47961.0	K2.47962.0	K2.47963.0	K2.0010085
Item number feet	K2.47946.0	K2.47947.0	K2.47948.0	K2.0010084

⁽¹⁾ Positive locking (PL) 54 mm stainless steel lens mount with Lens Data System (LDS) contacts

⁽²⁾ Close focus is measured from the film/sensor plane

⁽³⁾ Magnification ratio is the relationship of the size of an object on the film/sensor plane (first number) to the size of that object in real life (second number) at the close focus setting; Horizontal (H) and vertical (V)

⁽⁴⁾ Length is measured from the lens mount to the front of the lens housing

⁽⁵⁾ Diameter of the lens/matte box interface

⁽⁶⁾ The distance from the entrance pupil to the film/sensor plane at focus = infinity. Positive numbers indicated an entrance pupil behind, negative numbers indicated an entrance pupil in front the film/sensor plane. The entrance pupil (often mistakenly called "nodal point") is the center of perspective; moving the camera/lens system around the center of the entrance pupil prevents parallax errors. While largely irrelevant for live action, this measurement is important for special effects work.

⁽⁸⁾ Horizontal (H) and vertical (V) angles of view for a Super 35 Cinemascope camera aperture (dimensions 22,5mm x 18,7mm / 0.8858" x 0.7362")

⁽¹²⁾ Length is measured from the image to the front of the lens housing