

Master Prime Lenses



Overview	Technical Details	Downloads
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Name	Type	Aperture	Close focus (5)	Length (lens mount to front)	Front diameter	Weight	Horizontal angle of view	Horizontal angle of view	Horizontal angle of view
-	-	-	-	-	-	-	ANSI Super 35 (1)	DIN Super 35 (2)	Normal 35 (3)
-	-	-	-	-	-	-	l'=12.45mm (4)	l'=12.00mm (4)	l'=11.00mm (4)
Master Prime T1.3/12 mm	Distagon T* XP	T1.3 to T22	0.40 m / 16"	249 mm / 9,8"	156 mm / 6.1"	2.9 kg / 6.4 lbs	90.98°	88.85°	83.87°
Master Prime T1.3/14 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	224 mm / 8.8"	114 mm / 4.5"	2.4 kg / 5.3 lbs	83.4°	81.3°	76.4°
Master Prime T1.3/16 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.2 kg / 4.8 lbs	77.0°	75.0°	70.2°
Master Prime T1.3/18 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.2 kg / 4.8 lbs	70.6°	68.6°	64.0°
Master Prime T1.3/21 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.4 kg / 5.3 lbs	62.1°	60.2°	56.0°
Master Prime T1.3/25 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.3 kg / 5.1 lbs	53.8°	52.0°	48.2°
Master Prime T1.3/27 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.2 kg / 4.8 lbs	49.2°	47.6°	44.0°
Master Prime T1.3/32 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.3 kg / 5.1 lbs	43.6°	42.0°	38.8°
Master Prime T1.3/35 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.2 kg / 4.8 lbs	39.4°	38.0°	35.0°
Master Prime T1.3/40 mm	Distagon T* XP	T1.3 to T22	0.40 m / 16"	205 mm / 8"	114 mm / 4.5"	2.3 kg / 5.1 lbs	34.8°	33.6°	31.0°
Master Prime T1.3/50 mm	Planar T* XP	T1.3 to T22	0.50 m / 20"	205 mm / 8"	114 mm / 4.5"	2.7 kg / 5.9 lbs	28.2°	27.2°	25.0°

Master Prime T1.3/65 mm	Planar T* XP	T1.3 to T22	0.65 m / 2'3"	205 mm / 8"	114 mm / 4.5"	2.6 kg / 5.7 lbs	21.8°	21.0°	19.2°
Master Prime T1.3/75 mm	Sonnar T* XP	T1.3 to T22	0.80 m / 2'9"	205 mm / 8"	114 mm / 4.5"	2.8 kg / 6.2 lbs	18.8°	18.2°	16.6°
Master Prime T1.3/100 mm	Sonnar T* XP	T1.3 to T22	1.00 m / 3'6"	205 mm / 8"	114 mm / 4.5"	2.9 kg / 6.4 lbs	14.2°	13.8°	12.6°
Master Prime T1.3/135 mm	Sonnar T* XP	T1.3 to T22	0.95m / 3'3"	224 mm / 8.8"	114 mm / 4.5"	2.8 kg / 6.2 lbs	10.7°	10.3°	9.5°
Master Prime T1.3/150 mm	Sonnar T* XP	T1.3 to T22	1.50 m / 4'11"	262 mm / 10.3"	134 mm / 5.3"	4.0 kg / 8.8 lbs	9.6°	9.3°	8.5°

(1) Horizontal angle of view for an ANSI Super 35 Silent camera aperture (aspect ratio 1:1.33, dimensions 24.9mm x 18.7mm / 0.980" x 0.7362"). Ground glasses available for ARRICAM, ARRIFLEX 235 and all 435 and 535 models.

(2) Horizontal angle of view for a DIN Super 35 Silent camera aperture (aspect ratio 1:1.33, dimensions 24mm x 18mm / 0.944" x 0.7087"). Ground glasses available for ARRIFLEX 235 and all 435 and 535 models.

(3) Horizontal angle of view for a Normal 35 Academy camera aperture (aspect ratio 1:1.37, dimensions 22mm x 16mm / 0.8661" x 0.6299"). Ground glasses available for ARRICAM, ARRIFLEX 235 and all 435 and 535 models.

(4) l' is the radius of the image circle needed for the respective format. It is the same as the distance from the image center to a corner.

(5) Close focus is measured from the film plane.

T* XP is the trademark for the improved Zeiss anti-reflex lens coating that reduces veiling glare and other reflections. XP stands for extended performance.