

Sinaron Digital CEF Lenses

for Sinar arTec Cameras

Technical Data

Lens Type ¹	Item No.	Aperture Range ³	Angle of View	Image Circle [mm]	Shift ² with 36x48 CCD [mm]		Scale of Reproduction			Application Range (Image Plane to Subject) min. max.		Min. Resolution in Line Pairs	Filter Thread	Lens Adapter Ring Item No.
					↔	↕	min	optimal	max.	min.	max.			
Sinaron Digital HR 5.6/23 CEF	445.87.156	5.6 – 22	112°	70	↔ 6	↕ 6	1:60	1:80	1:∞	1.5 m – ∞	60	M72R	547.81.066	
Sinaron Digital HR 4.5/28 CEF	445.87.158	4.5 – 32	101°	70	↔ 8	↕ 8	1:40	1:80	1:∞	1.3 m – ∞	60	M72R	547.81.066	
Sinaron Digital HR 4.0/35 CEF	445.87.160	4.0 – 32	90°	70	↔ 8	↕ 8	1:25	1:50	1:∞	1.0 m – ∞	60	M67	547.81.055	
Sinaron Digital HR 4.0/40 CEF	445.87.162	4.0 – 32	94°	90	Lens in preparation						60	M67	547.81.055	
Sinaron Digital 4.5/45 CEF	445.87.103	4.5 – 32	95°	100	↔ 20	↕ 25	1:5	1:30	1:∞	0.6 m – ∞	50	M67	547.81.055	
Sinaron Digital 4.5/55 CEF	445.87.105	4.5 – 32	93°	120	↔ 20	↕ 25	1:5	1:30	1:∞	0.9 m – ∞	50	M67	547.81.055	
Sinaron Digital HR 4.0/60 CEF	445.87.164	4.0 – 32	67°	80	↔ 12	↕ 12	1:10	1:30	1:∞	0.7 m – ∞	60	M49	547.81.051	
Sinaron Digital 5.6/70 CEF	445.87.107	5.6 – 45	70°	100	↔ 20	↕ 25	1:10	1:20	1:∞	0.8 m – ∞	50	M58	547.81.053	
Sinaron Digital 5.6/90 CEF	445.87.109	5.6 – 45	76°	140	↔ 20	↕ 25	1:15	1:20	1:∞	1.3 m – ∞	50	M67	547.81.055	
Sinaron Digital HR 4.0/100 CEF	445.87.168	4.0 – 45	44°	80	↔ 20	↕ 22	1:15	1:20	1:∞	1.8 m – ∞	60	M58	547.81.053	
Sinaron Digital 5.6/135 CEF	445.87.113	5.6 – 45	58°	150	↔ 20	↕ 22	1:20	1:20	1:∞	3.0 m – ∞	50	M49	547.81.051	

¹ The shutter in all lenses feature exposure times of 1/500 to 1 second, also B, and T.

² All data regarding the shift ranges are based on the use of a digital back with a sensor of 36x48 mm (e.g. Sinarback eMotion 75). The listed shifts have been achieved at Infinity and with max. aperture and are therefore the min. possible shifts. When stopping down and with larger scales of reproduction the shifts may be greater.

³ For best performance, we recommend stopping-down the lenses by one or two apertures.

∞ = Infinity

