sinar

A Jenoptik Company

Sinaron Digital CEF Lenses

for Sinar arTec Cameras

Technical Data

Lens Type[1]		Item No.	Aperture Range [3]	Angle of View	Image Circle	Shift[2] with 36x48 CCD		Scale of Reproduction			Application Range (Image Plane to Subject)		Min. Reso-lution	Weight	Max. length	Filter Thread	Lens Adapter Ring	Shutter Size
					[mm]	[mm]		min	optimal	max.	min.	max.	[Lp]	[g]	[mm]		Item No.	
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	780	90	M72R	547.81.066	0
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	800	105	M72R	547.81.066	0
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	590	81	M67	547.81.055	0
Sinaron Digital HR	4.0/40 CEF	445.87.162	4.0 – 32	94°	90	**Lens in preparation**							60	740	96	M67	547.81.055	0
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	510	66	M67	547.81.055	0
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	550	76	M67	547.81.055	0
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	440	75	M49	547.81.051	0
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	510	96	M58	547.81.053	0
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	640	116	M67	547.81.055	0
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	590	124	M58	547.81.053	0
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	630	142	M49	547.81.051	0

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

[2] Data regarding the shift ranges is based on the use of a digital back with a sensor size of 36x48 mm. (e.g. Sinarback eMotion 75). The shift ranges have been determined with the lens focused at infinity and with the aperture set wide-open. (maximum). Shift ranges increase when stopping down and/or when focusing closer – therefore the values presented here must be considered conservative.

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

∞ = Infinity

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