

## Sinar Lenses for Large Format Photography

Lens Type	1) Order Number (last 3 digits)	Focal Length in mm	Angle of View at f/22	Circle in mm at f/22	Smallest Aperture	5) Shutter Size (Copal)	Fitted with: ● = DB ■ = DBM	Conversion Kit: ● = DB ■ = DBM	Filter Thread (mm)	Mount ∅ front/rear (mm)	Shift range in mm for horizontal format (for vertical format reverse the numbers)								Remarks
											6x9 cm		4x5"		5x7"		8x10"		
											↔	↑	↔	↑	↔	↑	↔	↑	
Sinaron-S 1:5.6	558	135	72°	200	64	0	●	●	40.5 x 0.5	42 / 40.5	52	62	28	32	---	---	---	---	
	560	150	72°	214	64	1	●	●	49 x 0.75	51 / 42	59	70	36	41	2	3	---	---	
	562	180	72°	262	64	1	●	●	58 x 0.75	60 / 51	849	95	62	68	30	38	---	---	
	564	210	72°	301	64	1	●	●	67 x 0.75	70 / 60	104	116	83	90	52	63	---	---	
	566	240	72°	350	64	3	●	●	77 x 0.75	80 / 70	129	141	108	116	79	92	23	28	
	568	300	72°	425	64	3	■	■	86 x 1	90 / 80	167	180	147	156	118	134	67	77	
1:6.8	570	360	64°	435	64	3	■	■	105 x 1	110 / 80	172	185	152	161	123	139	72	83	
Sinaron-SE 1:5.6	658	135	75°	208	64	0	●	●	49 x 0.75	51 / 48	56	66	32	37	---	---	---	---	
	660	150	75°	231	64	0	●	●	49 x 0.75	51 / 51	68	79	45	50	12	16	---	---	
	662	180	75°	276	64	1	●	●	67 x 0.75	70 / 60	91	103	69	76	38	47	---	---	
	664	210	75°	316	64	1	●	●	72 x 0.75	75 / 65	112	124	91	98	60	72	2	3	
	666	240	75°	372	64	3	●	●	86 x 1	90 / 80	140	153	120	128	90	104	36	43	
	668	300	75°	448	64	3	■	■	100 x 1	105 / 80	178	192	159	168	130	146	79	91	
1:6.8	670	360	68°	468	64	3	■	■	112 x 1.5	117 / 80	188	202	169	178	140	157	90	102	
Sinaron-W 1:4.5	514	65	105°	170	45	0	●	●	58 x 0.75	60 / 51	36	45	10	12	---	---	---	---	2), 3)
	516	75	105°	195	45	0	●	●	67 x 0.75	70 / 60	49	59	25	29	---	---	---	---	2)
1:6.8	518	90	105°	236	45	1	●	●	82 x 0.75	85 / 70	71	81	48	54	16	20	---	---	2)
	538	90	102°	221	45	0	●	●	67 x 0.75	70 / 60	63	73	40	45	7	9	---	---	
	540	115	104°	291	45	1	●	●	82 x 0.75	85 / 70	99	111	77	85	47	57	---	---	
Sinaron-WE 1:4.5	502	45	110°	131	32	0	● 6)	---	67 x 0.75	60 / 60	15	20	---	---	---	---	---	---	at f/16
	504	55	110°	163	45	0	● 6)	---	67 x 0.75	70 / 60	32	40	5	7	---	---	---	---	at f/16
Macro-Sinaron-SE 1:5.6	590	180	70°	1:5 302 4)	64	1	●	●	67 x 0.75	70/54	104	116	83	90	52	63	---	---	
			60°	1:1 415 4)							161	174	142	150	113	128	61	70	

1) Complete order number for a lens in a Copal between-the-lens shutter: 441.83. + these last 3 digits.  
 Complete order number for a lens in Auto Aperture Mount (DB=●): 446.85. + these last 3 digits.  
 Complete order number for a lens in Auto Aperture Mount (DBM=■): 446.86. + these last 3 digits.  
 Complete order number for a conversion kit for Auto Aperture Mount (DB=●): 446.75. + these last 3 digits.  
 Complete order number for a conversion kit for Auto Aperture Mount (DBM=■): 446.76. + these last 3 digits.

2) Maximum aperture is f/5.6 when used with Sinar Auto Aperture behind-the-lens Shutter 521.31.  
 3) In Auto Aperture Mount (DB), this lens can only be focused at ∞ when used with Wide Angle Bellows 2.  
 4) Image circle for reproduction ratios 1:5 and 1:1.  
 5) Shutter speeds: Size 0: 1/500 - 1 sec; Size 1: 1/400 - 1 sec; Size 3: 1/125 - 1 sec.  
 6) Identical to Sinaron Digital Lens. Center Filters cannot be used