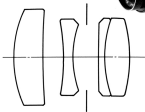


## 105mm f/3.5 NIKKOR-SSR

*Lens construction:* 4 elements, 3 groups  
*Apertures:* 5.6-32  
*Mount (focus):* F 1 25/59° (34.5cm)  
*Subject coverage at normal focus:*  
8 10/52° < 8 15/32° (21.8 < 23.8cm)  
*Angle of view:* 41° 29'  
*Filter mount diameter:* 40.5mm  
*Lens hood:* 42mm  
*Finish:* Black/brass, front-reading system



*Suggested applications:* This is a long-focus, general-purpose lens good for landscapes, portraits, copying, and color. It provides natural perspective effects and is sometimes used by photojournalists as a normal lens because its slightly larger scale of resolution permits more working distance between photographer and subject than does the standard 50mm lens.

*Note:* The large focal length differs between the ordinary 105mm lens and the older DS and D types. A distance scale marked 105D/DS is used in the G350 when this body is used with either the 105mm f/3.5DS or 105mm f/3.5D lens. A distance scale marked "185" is used for the ordinary 105mm lens.

### Depth-of-Field Tables

Aperture	Distance in feet									
	∞	20	15	10	7	5	4.5	4	3	2
1.5	100' 00" ∞	30' 7" 30' 15"	17' 05" 16' 55"	11' 02" 10' 55"	7' 02" 6' 55"	4' 05" 4' 0	3' 05" 3' 0	2' 07" 2' 0	1' 07" 1' 0	0' 55" 0' 50
2	100' 00" ∞	20' 00" 19' 7"	12' 05" 11' 7"	8' 02" 7' 55"	5' 02" 4' 55"	3' 05" 3' 0	2' 05" 2' 0	1' 05" 1' 0	0' 55" 0' 50	0' 45" 0' 40
2.5	100' 00" ∞	15' 00" 14' 15"	9' 05" 8' 15"	6' 00" 5' 50"	4' 00" 3' 55"	2' 05" 2' 0	1' 05" 1' 0	0' 55" 0' 50	0' 45" 0' 40	0' 35" 0' 30
3	100' 00" ∞	12' 05" 11' 15"	7' 07" 6' 15"	5' 00" 4' 50"	3' 00" 2' 55"	1' 05" 1' 0	0' 55" 0' 50	0' 45" 0' 40	0' 35" 0' 30	0' 25" 0' 20
4	100' 00" ∞	9' 05" 8' 15"	5' 07" 4' 15"	4' 00" 3' 50"	2' 00" 1' 55"	1' 05" 1' 0	0' 55" 0' 50	0' 45" 0' 40	0' 35" 0' 30	0' 25" 0' 20
5	100' 00" ∞	7' 05" 6' 15"	4' 07" 3' 15"	3' 00" 2' 50"	1' 00" 0' 55"	0' 55" 0' 50	0' 45" 0' 40	0' 35" 0' 30	0' 25" 0' 20	0' 15" 0' 10
6	100' 00" ∞	6' 05" 5' 15"	3' 07" 2' 15"	2' 00" 1' 50"	1' 00" 0' 55"	0' 55" 0' 50	0' 45" 0' 40	0' 35" 0' 30	0' 25" 0' 20	0' 15" 0' 10
8	100' 00" ∞	4' 05" 3' 15"	2' 07" 1' 15"	1' 00" 0' 50"	0' 55" 0' 50	0' 45" 0' 40	0' 35" 0' 30	0' 25" 0' 20	0' 15" 0' 10	0' 05" 0' 00
10	100' 00" ∞	3' 05" 2' 15"	1' 07" 0' 15"	0' 55" 0' 50	0' 50" 0' 45"	0' 40" 0' 35"	0' 30" 0' 25"	0' 20" 0' 15"	0' 10" 0' 05"	0' 00" 0' 00

Aperture	Distance in meter									
	∞	10	8	6	4	3.5	3	2.5	2	1.5
1.5	40.00 ∞	8.81 15.21	4.44 7.67	2.91 3.33	1.83 2.49	1.40 1.99	1.27 1.33	1.17 1.23	0.96 1.02	0.64 0.65
2	20.00 ∞	7.34 13.83	4.41 4.74	2.79 3.05	1.79 2.30	1.40 1.55	1.26 1.34	1.17 1.23	0.96 1.02	0.64 0.65
2.5	20.00 ∞	7.21 13.28	4.23 6.18	2.71 2.38	1.81 2.11	1.40 1.38	1.25 1.25	1.16 1.24	0.97 1.03	0.64 0.65
3	17.50 ∞	6.45 22.29	3.85 6.65	2.68 3.55	1.82 2.11	1.41 1.41	1.23 1.28	1.14 1.26	0.96 1.04	0.63 0.66
4	15.00 ∞	5.35 10.59	3.58 3.88	2.48 2.85	1.71 2.11	1.37 1.36	1.21 1.41	1.12 1.29	0.95 1.04	0.63 0.67
5	12.50 ∞	4.71 10.80	3.27 6.35	2.38 3.28	1.65 2.48	1.32 1.74	1.37 1.47	1.09 1.34	0.93 1.09	0.62 0.67
6	10.00 ∞	4.00 10.91	2.98 5.26	2.32 3.74	1.58 2.74	1.27 1.65	1.33 1.34	1.07 1.30	0.90 1.12	0.61 0.69
8	8.43 ∞	3.18 ∞	2.44 ∞	1.87 4.88	1.41 3.50	1.19 2.08	1.47 1.49	1.00 1.31	0.87 1.19	0.60 0.79

### Also Available

#### 165mm f/2.8 Minotar-Zeiss

Lens construction: 4 elements, 3 groups

Aperture: 5.6-32

Mount (mm): 2" 1/2 (54.5mm)

Angle of view: 41° 20'

Filter mount diameter: 45mm

Lens hood: 45mm

Finish: Black-Enich, side-rolling system

# CLARIFICATION CHART

for 105mm F3.5 Lenses



105mm f/3.5  
(LD021)

Chrome Finish Type  
with shutter 751 and  
3538-1



105mm f/3.5  
(LD026)

Black Finish Type  
Shutter used 734 and  
3538-1



105mm f/3.5  
(LD027)

Black Finish Type  
Shutter used 754 and  
3538-5



105 mm f/3.5D  
(LD030)

Black Finish Type  
Shutter used 734 and  
3538-5



105mm f/3.5D  
(LD031)

Black Finish Type  
Shutter used 754 and  
3538-5



105mm f/3.5D6  
(LD032)

Black Finish Type  
with viewing lens  
Aperture with Self-timer  
Shutter used 757 and  
3538-9

# MAMIYA-SEKOR D 105mm F3.5 (LD231)

for MAMIYA C Professional



LD231-217  
 (+0.05)  
 (+0.1)  
 (+0.2)  
 (+0.3)

LD231-212

LD23100

LD231-214

LD23100

PC-4823

PD17-025 (M)

LE22-211

LD231-216

LE103-302E

LD231-215

PC-4822

LE102  
 (+0.05)  
 (+0.1)  
 (+0.2)  
 (+0.3)

SEIKO SHUTTER 754  
 150291-21

754-0522

LE25-214

LE20-213

LE20-212

754-0110 (M)

480-3102

000-3000

000-3108

000-3201

143-0496

000-3003

480-2122

LP212-212

LE22-211

LD23100

LD231-112





