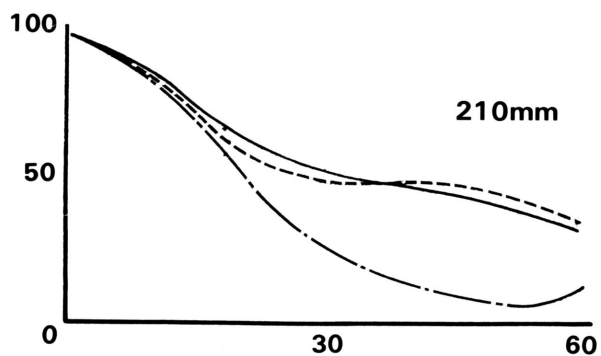
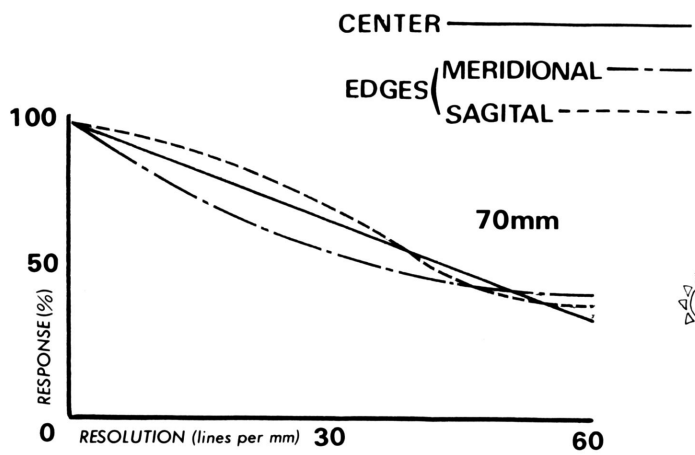




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SOLIGOR[®]

70-210mm F3.5

MULTICOATED

ZOOM + MACRO

**C/D
AUTO LENS**



INSTRUCTIONS

GEBRAUCHSANWEISUNG

MODE D'EMPLOI

FOLLETO DE INSTRUCCIONES

INSTRUCCIONES



boggy

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DN: cn=boggy, c=GB,
email=himself@boggys.co.uk
Date: 2012.08.02 10:30:56
+01'00'

Diagram A

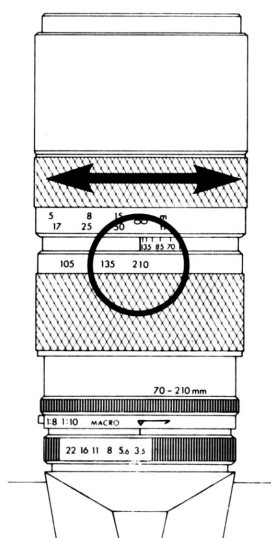


Diagram B

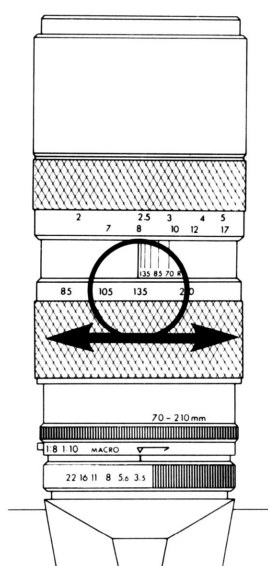


Diagram C

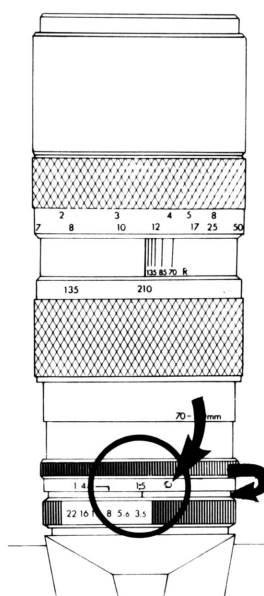
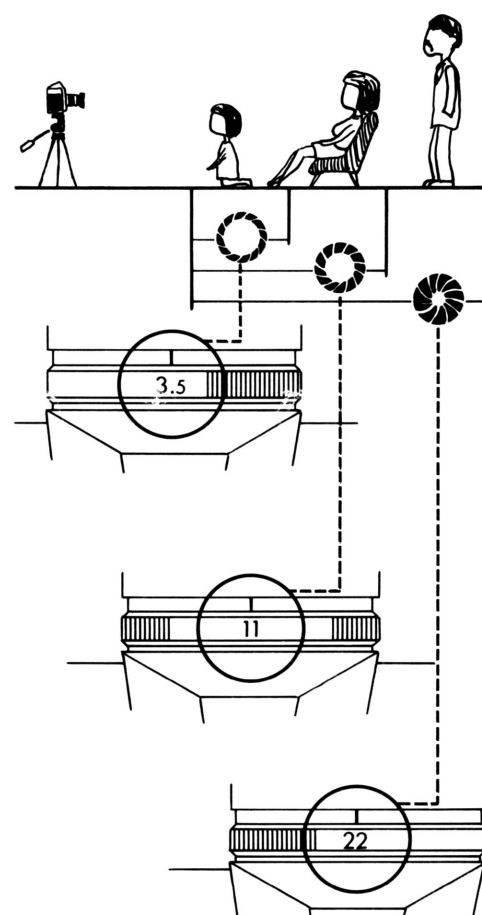
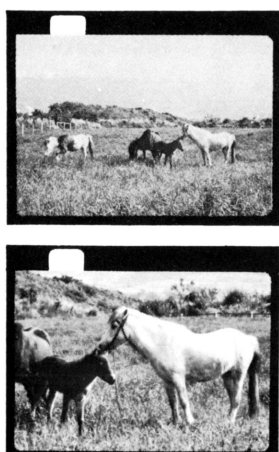


Diagram D



×

○



70mm

210mm



1:10

1:4.5

f=70mm Unit: Meter									
F. NO	D	INF	15	8	5	4	3	2.50	2
3.5		42.04	11.07	6.73	4.48	3.66	2.80	2.36	1.91
		INF	23.26	9.86	5.66	4.41	3.22	2.65	2.10
4.0		36.79	10.67	6.58	4.41	3.61	2.78	2.35	1.90
		INF	25.26	10.20	5.77	4.48	3.26	2.68	2.11
5.6		26.28	9.57	6.15	4.21	3.48	2.70	2.29	1.86
		INF	34.74	11.46	6.15	4.70	3.38	2.75	2.16
8.0		18.39	8.28	5.59	3.94	3.30	2.59	2.21	1.81
		INF	29.86	14.06	6.83	5.09	3.57	2.88	2.23
11.0		13.38	7.09	5.02	3.65	3.09	2.46	2.12	1.75
		INF	19.65	10.20	5.66	4.41	3.22	2.65	2.10
16.0		9.20	5.72	4.30	3.26	2.80	2.28	1.98	1.65
		INF	15.08	10.78	6.98	4.40	3.40	2.53	2.03
22.0		6.69	4.64	3.65	2.88	2.52	2.09	1.83	1.55
		INF	10.70	19.02	9.70	5.34	3.93	2.81	2.16

f=85mm Unit: Meter									
F. NO	D	INF	15	8	5	4	3	2.50	2
3.5		61.99	12.09	7.09	4.63	3.76	2.87	2.41	1.94
		INF	19.75	9.17	5.43	4.27	3.15	2.60	2.06
4.0		54.24	11.76	6.98	4.58	3.73	2.85	2.39	1.93
		INF	20.69	9.37	5.50	4.31	3.17	2.62	2.07
5.6		38.74	10.83	6.64	4.44	3.63	2.79	2.35	1.91
		INF	24.39	10.05	5.73	4.45	3.24	2.67	2.10
8.0		27.12	9.68	6.19	4.23	3.50	2.71	2.30	1.87
		INF	33.33	11.30	6.11	4.67	3.36	2.74	2.15
11.0		19.72	8.54	5.71	4.00	3.34	2.61	2.23	1.82
		INF	61.52	13.36	6.66	4.99	3.52	2.85	2.22
16.0		13.56	7.14	5.05	3.67	3.10	2.47	2.12	1.75
		INF	19.22	7.84	5.62	3.82	3.04	2.33	1.93
22.0		9.86	5.97	4.44	3.34	2.86	2.32	2.01	1.67
		INF	40.52	9.97	6.63	4.26	3.31	2.48	2.06

f=105mm Unit: Meter									
F. NO	D	INF	15	8	5	4	3	2.50	2
3.5		94.59	12.96	7.38	4.75	3.84	2.91	2.44	1.96
		INF	17.80	8.73	5.27	4.17	3.09	2.56	2.04
4.0		82.77	12.71	7.30	4.72	3.82	2.90	2.43	1.96
		INF	18.29	8.84	5.31	4.20	3.11	2.57	2.05
5.6		59.12	11.98	7.06	4.62	3.75	2.86	2.40	1.94
		INF	20.05	9.23	5.45	4.28	3.15	2.61	2.07
8.0		41.39	11.03	6.72	4.47	3.66	2.80	2.36	1.91
		INF	23.43	9.89	5.67	4.42	3.23	2.65	2.10
11.0		30.10	10.03	6.34	4.30	3.54	2.74	2.32	1.88
		INF	29.70	10.84	5.97	4.59	3.32	2.72	2.13
16.0		20.69	8.72	5.79	4.04	3.37	2.63	2.24	1.83
		INF	53.54	12.94	6.55	4.93	3.49	2.83	2.20
22.0		15.05	7.54	5.25	3.77	3.18	2.52	2.16	1.78
		INF	16.83	7.41	5.40	3.71	2.97	2.29	1.83

f=135mm Unit: Meter									
F. NO	D	INF	15	8	5	4	3	2.50	2
3.5		156.37	13.70	7.62	4.85	3.90	2.95	2.46	1.98
		INF	16.58	8.42	5.16	4.10	3.06	2.54	2.02
4.0		136.82	13.53	7.57	4.83	3.89	2.94	2.46	1.97
		INF	16.83	8.49	5.18	4.12	3.06	2.54	2.03
5.6		97.73	13.02	7.40	4.76	3.85	2.91	2.44	1.96
		INF	17.66	8.70	5.26	4.16	3.09	2.56	2.04
8.0		68.41	12.32	7.18	4.67	3.79	2.88	2.42	1.95
		INF	19.16	9.04	5.38	4.24	3.13	2.59	2.06
11.0		49.75	11.55	6.91	4.55	3.71	2.84	2.39	1.93
		INF	21.39	9.50	5.54	4.34	3.18	2.62	2.08
16.0		34.21	10.46	6.50	4.38	3.59	2.77	2.34	1.90
		INF	26.53	10.39	5.83	4.51	3.27	2.69	2.12
22.0		24.88	9.39	6.08	4.18	3.46	2.69	2.28	1.86
		INF	23.72	11.70	6.22	4.74	3.39	2.76	2.16

f=210mm Unit: Meter									
F. NO	D	INF	15	8	5	4	3	2.50	2
3.5		378.38	14.44	7.84	4.94	3.96	2.98	2.48	1.99
		INF	15.61	8.17	5.06	4.04	3.02	2.52	2.01
4.0		331.08	14.36	7.82	4.93	3.95	2.97	2.48	1.99
		INF	15.70	8.19	5.07	4.05	3.03	2.52	2.01
5.6		236.49	14.12	7.74	4.90	3.94	2.97	2.48	1.98
		INF	16.00	8.27	5.10	4.07	3.04	2.52	2.02
8.0		165.54	13.77	7.64	4.86	3.91	2.95	2.47	1.98
		INF	16.47	8.40	5.15	4.09	3.05	2.54	2.02
11.0		120.39	13.36	7.51	4.81	3.88	2.93	2.45	1.97
		INF	17.10	8.55	5.21	4.13	3.07	2.55	2.03
16.0		82.77	12.73	7.31	4.73	3.82	2.90	2.43	1.96
		INF	18.26	8.83	5.31	4.19	3.10	2.57	2.04
22.0		60.20	12.04	7.08	4.63	3.76	2.87	2.41	1.94
		INF	19.89	9.19	5.43	4.27	3.15	2.60	2.06

f=70mm Unit: Feet									
F. NO	D	INF	50	25	17	12	10	8	7
3.5		137.93	36.74	21.19	15.16	11.06	9.34	7.57	6.87
		INF	78.23	30.47	19.35	13.12	10.76	8.48	7.36
4.0		120.69	35.40	20.74	14.93	10.93	9.25	7.52	6.83
		INF	85.09	31.46	19.74	13.30	10.88	8.55	7.42
5.6		86.21	31.70	19.42	14.23	10.56	8.98	7.34	6.49
		INF	118.29	35.08	21.11	13.96	11.28	8.79	7.60
8.0		60.35	27.40	17.72	13.30	10.04	8.61	7.09	6.29
		INF	285.31	42.41	23.54	14.91	11.93	9.18	7.88
11.0		43.89	23.43	15.98	12.30	9.46	8.18	6.80	6.06
		INF	57.39	27.51	16.40	12.86	9.72	8.28	7.28
16.0		30.17	18.87	13.73	10.93	8.63	7.55	6.36	5.72
		INF	139.62	38.27	19.68	14.79	10.77	9.03	8.03
22.0		21.94	15.30	11.74	9.84	7.81	6.92	5.91	5.35
		INF	127.29	35.76	21.33	13.98	11.33	9.82	10.12

f=85mm Unit: Feet									
F. NO	D	INF	50	25	17	12	10	8	7
3.5		203.38	40.18	22.29	15.71	11.35	9.54	7.71	6.78
		INF	66.18	28.46	18.52	12.73	10.50	8.32	7.24
4.0		177.96	39.08	21.95	15.54	11.26	9.48	7.67	6.75
		INF	69.39	29.03	18.76	12.85	10.58	8.36	7.27
5.6		127.11	35.94	20.03	15.02	10.99	9.29	7.54	6.65
		INF	82.12	31.04	10.57	13.22	10.83	8.52	7.39
8.0		88.98	32.08	19.56	14.31	10.60	9.02	7.36	6.51
		INF	113.33	34.62	20.93	13.82	11.23	8.76	7.57
11.0		64.71	28.28	18.09	13.51	10.16	8.69	7.15	6.34
		INF	215.84	40.45	22.92	14.65	11.77	9.08	7.81
16.0		44.49	23.61	16.07	12.36	9.50	8.21	6.82	6.08
		INF	56.26	27.24	16.29	12.80	9.68	8.25	7.25
22.0		32.36	19.71	14.17	11.21	8.81	7.69	6.46	5.80
		INF	105.95	35.18	18.82	14.29	10.51	8.84	7.84

f=105mm Unit: Feet									
F. NO	D	INF	50	25	17	12	10	8	7
3.5		310.35	43.10	23.16	16.13	11.57	9.70	7.81	6.85
		INF	59.52	27.16	17.96	12.47	10.32	8.20	7.15
4.0		271.56	42.27	22.92	16.02	11.51	9.66	7.78	6.83
		INF	61.19	27.50	18.11	12.54	10.37	8.23	7.18
5.6		193.97	39.81	22.18	15.66	11.32	9.53	7.70	6.77
		INF	67.20	28.64	18.60	12.77	10.52	8.33	7.25
8.0		135.78	36.61	21.16	15.14	11.05	9.34	7.57	6.67
		INF	78.83	30.55	19.38	13.13	10.77	8.48	7.36
11.0		98.75	33.27	20.01	14.55	10.73	9.11	7.42	6.56
		INF	100.57	33.32	20.45	13.61	11.08	8.67	7.51
16.0		67.89	28.88	18.34	13.65	10.24	8.75	7.19	5.38
		INF	186.17	39.26	22.53	14.49	11.66	9.02	7.76
22.0		49.37	24.93	16.67	12.71	9.71	8.36	6.93	6.17
		INF	49.94	25.65	15.71	12.43	9.47	8.09	7.09

f=135mm Unit: Feet									
F. NO	D	INF	50	25	17	12	10	8	7
3.5		513.03	45.60	23.86	16.47	11.74	9.82	7.88	6.91
		INF	55.35	26.26	17.57	12.28	10.19	8.12	7.09
4.0		448.90	45.03	23.70	16.40	11.70	9.79	7.87	6.90
		INF	56.20	26.45	17.65	12.32	10.22	8.14	7.10
5.6		320.64	43.31	23.22	16.17	11.58	9.71	7.82	6.86</