

CAMERA CALIBRATION CERTIFICATE

CAMERA TYPE : RC10

LENS TYPE : 21 NAG II

LENS NO. : 7101

*gültig für Bilder im Jahre 1984
(SANASILVA)*

CALIBRATION DATE : 01.10.84

WILD HEERBRUGG LTD

CAMERA CALIBRATION

CAMERA: RC10 LENS: 21 MAG II NO.: 7101 CALIBRATION DATE: 01.10.84

APERTURE : F / 4.0
 FILTER ON GONIOMETER : 450 NM
 FILTER ON CAMERA : --
 PRINCIPAL DISTANCE FOR FOCUSING DISTANCE 900 M : 213.89 MM

RADIAL DISTORTION (MICROMETERS)

REFERRED TO PRINCIPAL POINT OF SYMMETRY (PPS)
 (POSITIVE VALUES DENOTE IMAGE DISPLACEMENT AWAY FROM CENTER)

RADIUS MM	SEMI - DIAGONALS				MEAN
	1	3	2	4	
0	0.8	0.6	0.8	0.5	0.6
20	1.4	1.0	1.8	1.3	1.3
30	1.7	2.3	2.8	2.0	2.2
40	2.4	3.6	3.2	2.9	3.0
50	1.8	3.1	2.9	2.8	2.6
60	-0.2	3.2	2.6	1.9	1.8
70	-0.7	2.5	0.7	0.9	0.8
80	-1.1	1.7	-0.1	0.4	0.2
90	-1.0	1.3	-0.7	0.3	0.0
100	-2.2	0.4	-0.8	-0.9	-0.8
110	-1.7	0.0	-0.7	-0.4	-0.7
120	-1.3	-0.2	-0.8	-0.2	-0.6
130	-1.2	-0.7	-0.4	0.0	-0.5
140	0.2	-1.0	-2.0	-1.5	-1.0
148	2.6	-4.0	-2.2	-4.1	-1.9

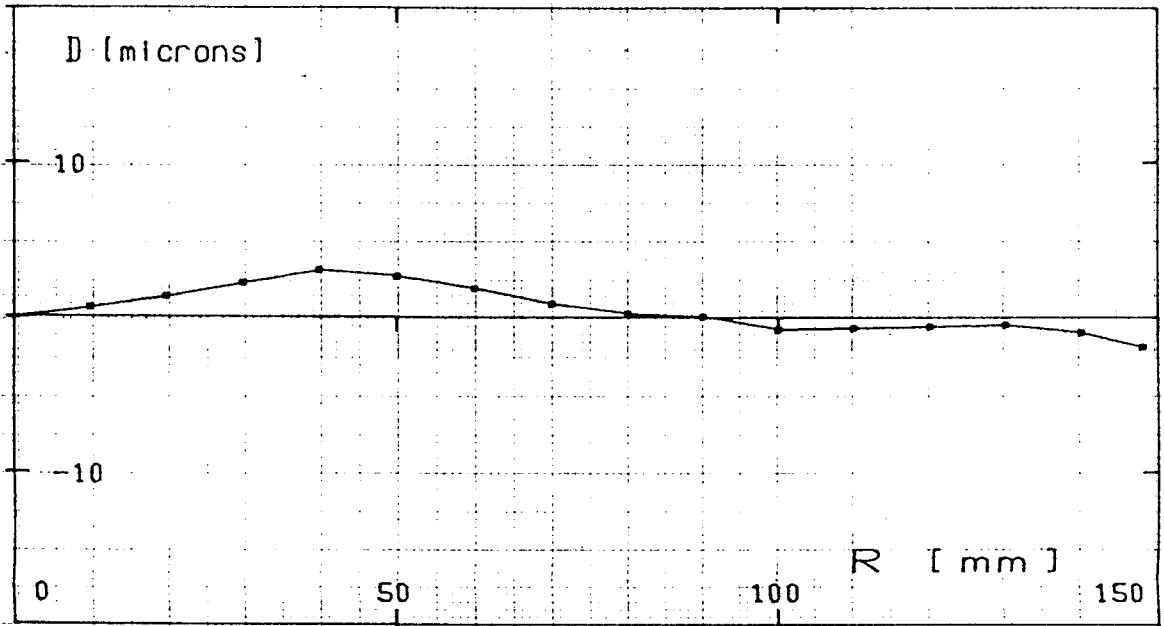
PHOTOGRAPHIC RESOLUTION (LINE PAIRS PER MILLIMETER)

INTERNATIONAL 3-LINE TEST-CHART, CONTRAST (LOG) : 2.0
 APERTURE : 4.0
 FILTER : 450 NM
 FILM : AGFAPAN 25 PROFESSIONAL (ASA SPEED: 25)
 DEVELOPER : AGFA-GEVAERT STUDIOAL LIQUID 1:15 6 MIN

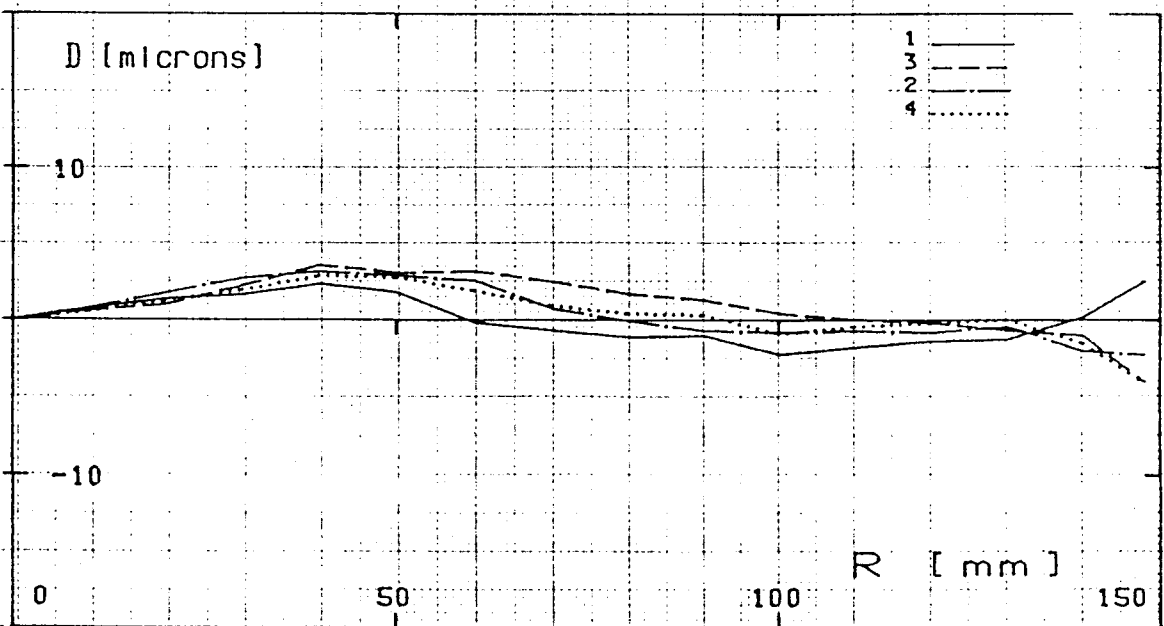
ANGLE: (DEGREES)	0	5	10	15	20	25	30	35
RAD.	67	75	83	82	56	43	37	44
TANG.	67	75	73	56	47	39	36	11

AWAR (AREA WEIGHTED AVERAGE RESOLUTION) IN LP/MM : 50

APERTURE : F / 4.0
 FILTER ON GONIOMETER : 450 NM
 FILTER ON CAMERA : --
 P.D. (900m) : 213.89 MM



MEAN RADIAL DISTORTION CURVE



RADIAL DISTORTION FOR SEMI-DIAGONALS REFERRED TO PPS