

CAMERA CALIBRATION CERTIFICATE

CAMERA TYPE : RC10
LENS TYPE : 30 AT II
LENS NO. : 4110

CALIBRATION DATE : 25.11.87

WILD HEERBRUGG LTD



CAMERA CALIBRATION

CAMERA: RC10 LENS: 30 AT II NO.: 4110 CALIBRATION DATE: 25.11.87

APERTURE : F / 4.0
 FILTER ON GONIOMETER : 450 NM
 FILTER ON CAMERA : --
 PRINCIPAL DISTANCE FOR FOCUSSING DISTANCE 850 M : 305.36 MM

RADIAL DISTORTION (MICROMETERS)

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

DIUS MM	SEMI - DIAGONALS				MEAN
	1	3	2	4	
10	-1.4	-2.1	-1.5	-2.3	-1.8
20	-2.9	-3.3	-3.1	-3.4	-3.1
30	-4.3	-3.6	-4.0	-3.8	-3.9
40	-4.6	-3.0	-4.5	-3.1	-3.8
50	-4.2	-2.5	-4.0	-2.2	-3.2
60	-3.6	-0.4	-2.3	-0.5	-1.7
70	-1.6	1.8	-1.2	1.9	0.2
80	0.0	4.3	0.7	4.0	2.2
90	2.0	5.7	2.0	5.2	3.7
100	2.0	5.4	3.0	5.2	3.9
110	2.2	3.6	3.2	3.9	3.2
120	0.5	0.0	0.8	0.2	0.3
130	-1.4	-3.3	-0.7	-2.7	-2.0
140	-1.6	-3.7	-1.4	-3.3	-2.5
148	2.4	-1.3	1.6	-0.4	0.5

PHOTOGRAPHIC RESOLUTION (LINE PAIRS PER MILLIMETER)

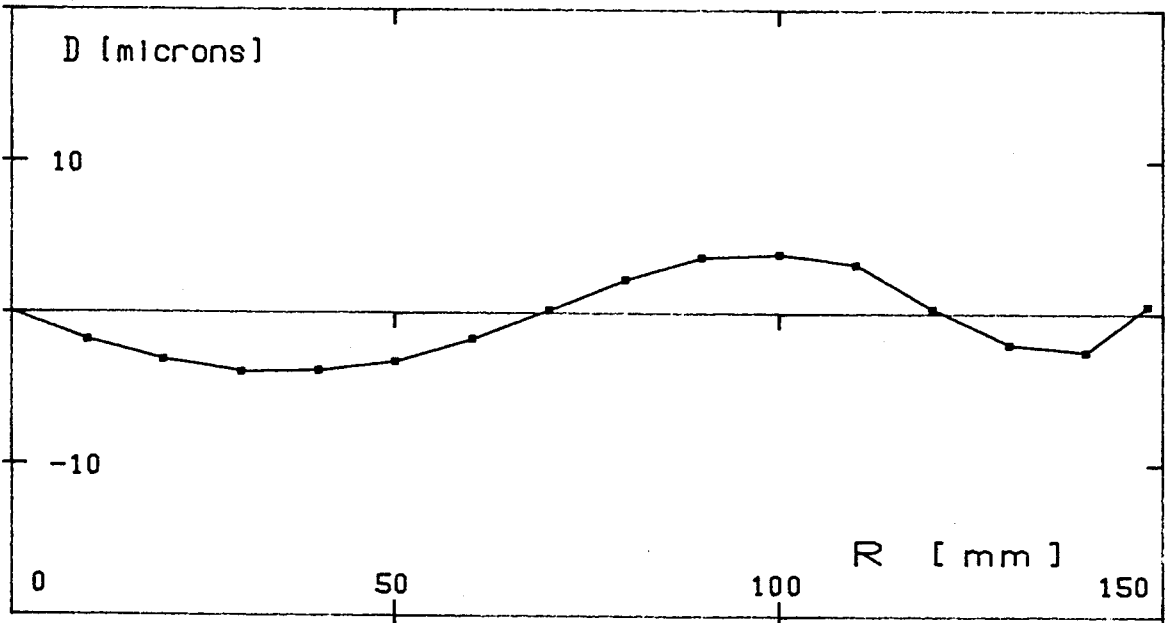
 INTERNATIONAL 3-LINE TEST-CHART, CONTRAST (LOG) : 2.0
 APERTURE : 4.0
 FILTER : 450 NM
 FILM : AGFAPAN 25 PROFESSIONAL (ASA SPEED: 25)
 DEVELOPER : AGFA-GEVAERT STUDIONAL LIQUID 1:15 6 MIN

ANGLE:	0	5	10	15	20	25
(DEGREES)						
RAD.	95	106	66	26	25	25
TANG.	95	94	51	44	30	22

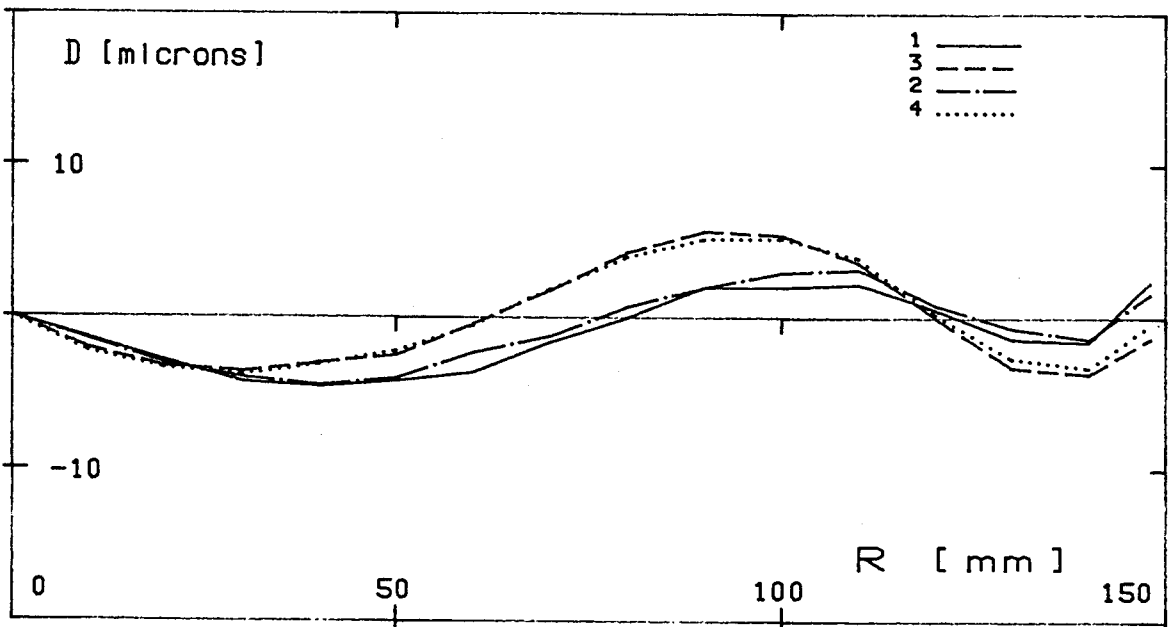
AWAR (AREA WEIGHTED AVERAGE RESOLUTION) IN LP/MM : 41

ML

APERTURE : F / 4.0
 FILTER ON GONIOMETER : 450 NM
 FILTER ON CAMERA : --
 P.D. (850 m) : 305.36 MM



MEAN RADIAL DISTORTION CURVE



RADIAL DISTORTION FOR SEMI-DIAGONALS REFERRED TO PPS

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