

CAMERA CALIBRATION CERTIFICATE

CAMERA TYPE : RC10

LENS TYPE : 30 AT II

LENS NO. : 4110

CALIBRATION DATE : 15.12.82

WILD HEERBRUGG LTD

CAMERA CALIBRATION

CAMERA: RC10 LENS: 30 AT II NO.: 4110 CALIBRATION DATE: 15.12.82

APERTURE : F / 4
 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)

RADIUS MM	SEMI - DIAGONALS				MEAN
	1	3	2	4	
10	-0.4	-1.4	-0.7	-1.8	-1.0
20	-1.2	-2.4	-1.4	-2.4	-1.8
30	-2.8	-2.8	-2.2	-3.1	-2.7
40	-3.1	-2.3	-3.1	-2.8	-2.8
50	-2.2	-1.8	-2.4	-2.4	-2.2
60	-1.6	-0.2	-1.0	-1.0	-0.9
70	0.1	0.9	0.0	0.6	0.4
80	1.4	2.9	2.1	2.3	2.1
90	3.2	4.4	2.9	3.8	3.5
100	3.5	4.8	4.2	4.0	4.1
110	3.7	3.4	3.8	3.5	3.6
120	0.7	0.2	0.7	-0.1	0.3
130	-2.2	-1.6	-1.2	-1.3	-1.5
140	-2.8	-2.8	-2.8	-2.3	-2.6
148	-0.6	-3.3	-2.2	-1.6	-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 STUDIOINAL LIQUID 1:15 6 MIN

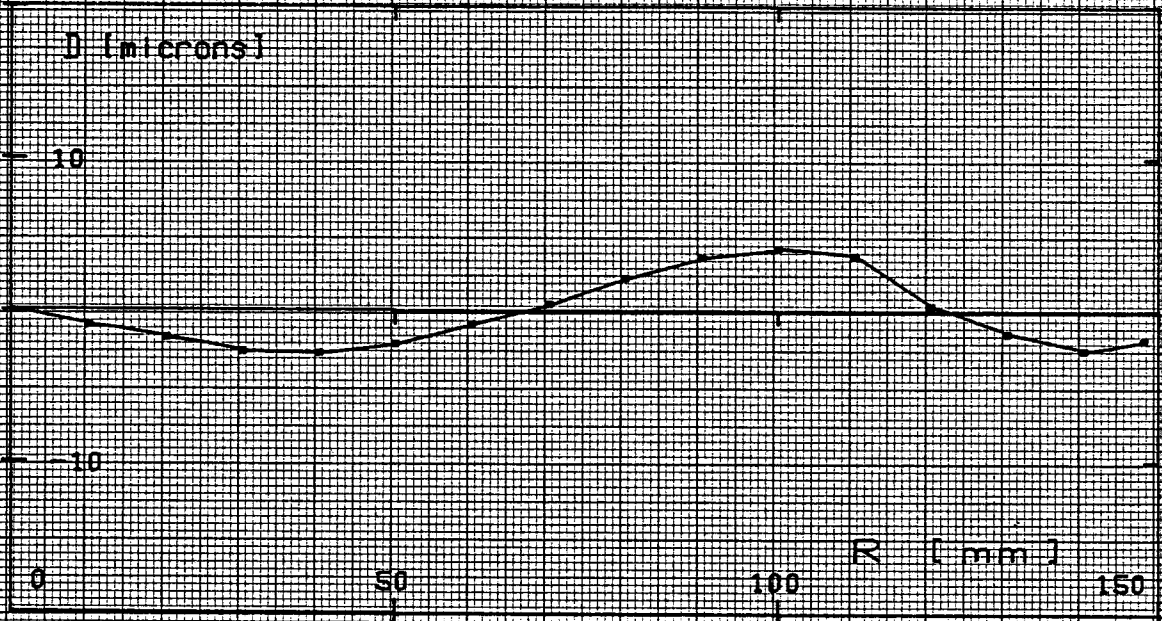
ANGLE: (DEGREES)	0	5	10	15	20	25
RAD.	95	106	66	26	25	25
TANG.	95	94	51	44	30	22

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

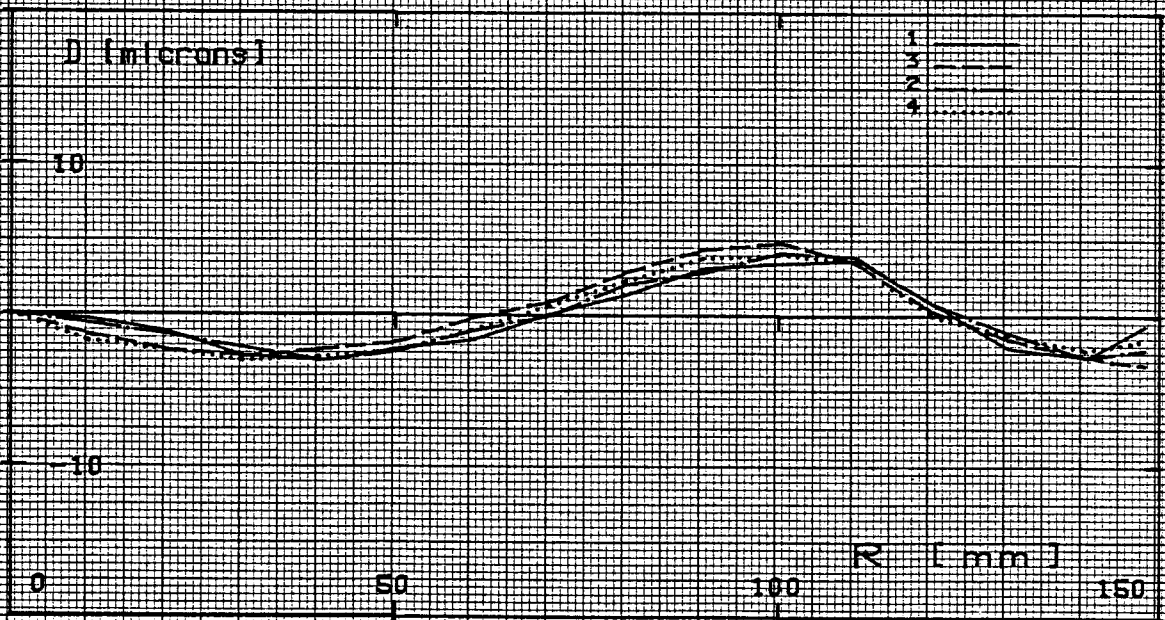
RC10 30 AT II NO. 4110

15.12.82

APERTURE : F / 4
FILTER ON GONIOMETER : 450 NM
FILTER ON CAMERA : —
P.D. (850m) : 505.36 mm



MEAN RADIAL DISTORTION CURVE



RADIAL DISTORTION FOR SEMI-DIAGONALS REFERRED TO PPS