

CAMERA CALIBRATION CERTIFICATE

CAMERA TYPE : RC10

LENS TYPE : 15/4 UAG

LENS NO. : 13003

CALIBRATION DATE : 26.04.78

WILD HEERBRUGG LTD

CAMERA CALIBRATION

CAMERA : RC10 LENS : 15/4 UAG NO. : 13003 CALIBRATION DATE : 26.04.78

APERTURE : F / 4
 FILTER ON GONIOMETER : 450 NM
 FILTER ON CAMERA : --
 CALIBRATED FOCAL LENGTH : 153.18 MM

RADIAL DISTORTION (MICROMETERS) REFERRING TO PRINCIPAL POINT OF SYMMETRY

(POSITIVE VALUES DENOTE IMAGE DISPLACEMENT AWAY FROM CENTER)

RADIUS MM	SEMI - DIAGONAL				MEAN
	1	3	2	4	
10	0.7	-1.0	2.7	-1.9	0.1
20	0.2	0.6	1.5	-1.7	0.1
30	0.7	0.8	0.9	-2.5	0.0
40	3.1	1.7	1.7	-0.6	1.4
50	1.2	1.1	0.9	-1.3	0.4
60	-0.4	-0.7	-2.8	-3.9	-1.9
70	0.9	0.0	-0.4	-2.4	-0.4
80	0.0	-0.8	0.4	-2.6	-0.7
90	-0.8	-2.3	0.7	-1.2	-0.9
100	1.4	-1.0	0.0	-0.7	0.0
110	0.1	-0.1	0.8	0.4	0.3
120	1.9	2.0	1.5	2.7	2.0
130	0.7	1.1	2.9	1.8	1.6
140	-2.0	-1.2	-0.6	0.9	-0.7
148	-1.8	0.2	-3.0	0.1	-1.1

PHOTOGRAPHIC RESOLVING POWER (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

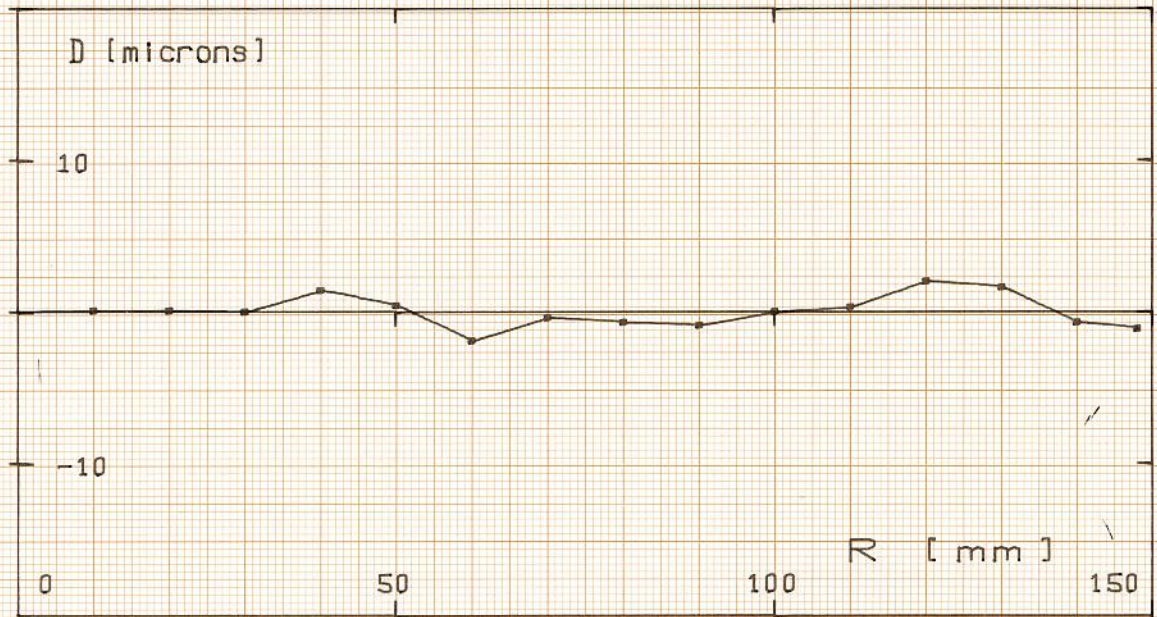
ANGLE: (DEGREES)	0	5	10	15	20	25	30	35	40	45
RAD.	75	67	83	81	79	68	73	87	57	38
TANG.	75	74	65	62	59	69	63	63	44	33

AWAR (AREA WEIGHTED AVERAGE RESOLUTION) IN LP/MM : 67

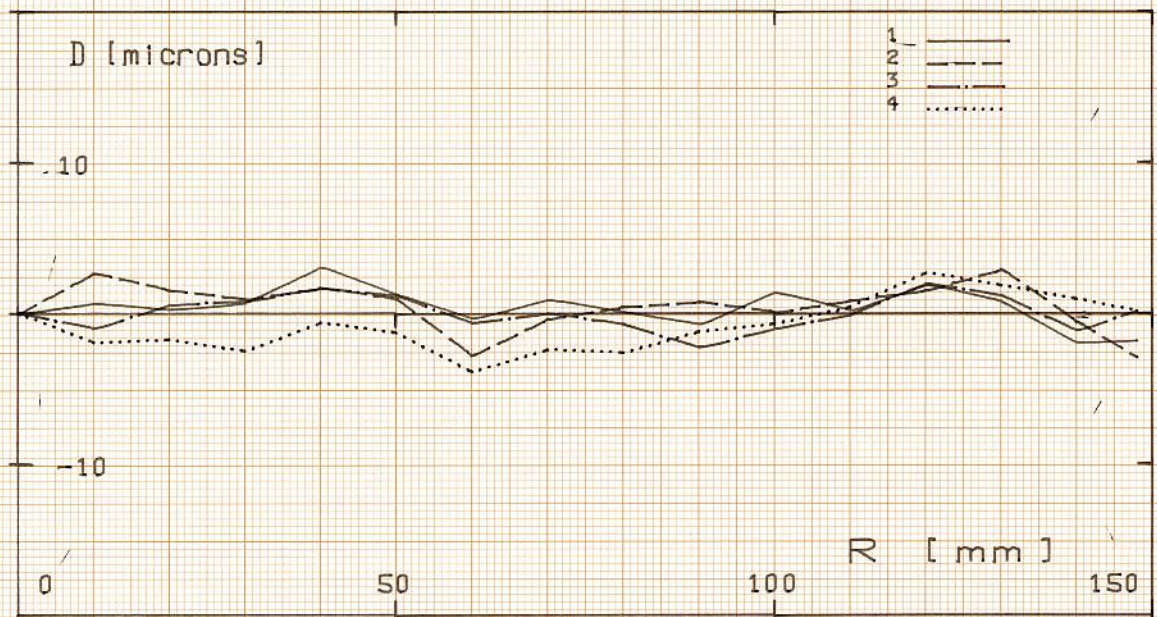
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FILTER ON GONIOMETER : 450 NM
FILTER ON CAMERA : --
C.F.L. : 153.18 MM



MEAN RADIAL DISTORTION CURVE



RADIAL DISTORTION FOR SEMI-DIAGONALS REFERRING TO PPS