
Calibration Certificate

Wild Lens Cone / Camera

No. 15 UAg. II No. 3025

Type: RC 10

Lens Cone / Camera

Type: RC 10
 No.: 15 UA_{g.} II 3025
 Format: 9" x 9"

Lens Calibration date: 15.5.74

Type: Universal - Aviogon II
 No.: 3025
 f = 153.42 mm
 max. aperture: f/5.6

Resolving Power (Lines per millimeter)

High contrast and max. aperture f/5.6

Film: Agfapan 25 Professional
 Glass plate:

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
rad.	75	83	93	51	35	34	51	68	26	10			
tang.	75	83	64	55	47	49	56	64	44	30			

rad.													
tang.													

Distortion in millimeters

The given distortion is the arithmetic mean of the four semi-diagonals. Positive values denote image displacement away from center.

Goniometer measurements made with no filter on Lens Cone / ~~Object~~

Calibrated focal length: 153.42 mm

Radius	20	40	60	80	100	120	140	148
Distortion	-0.002	-0.001	0.000	+0.002	+0.002	-0.001	0.000	+0.003

The displacement of the principal point of autocollimation from the intersection of the diagonals (fiducial center) is within 0.01 mm.

Date of Dispatch: 21.6.74

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Lens Cone/Camera**Lens****Calibration date:** 15.5.74

Type: RC 10

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Format: 9" x 9"

No.: 3025

f = 153.42 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

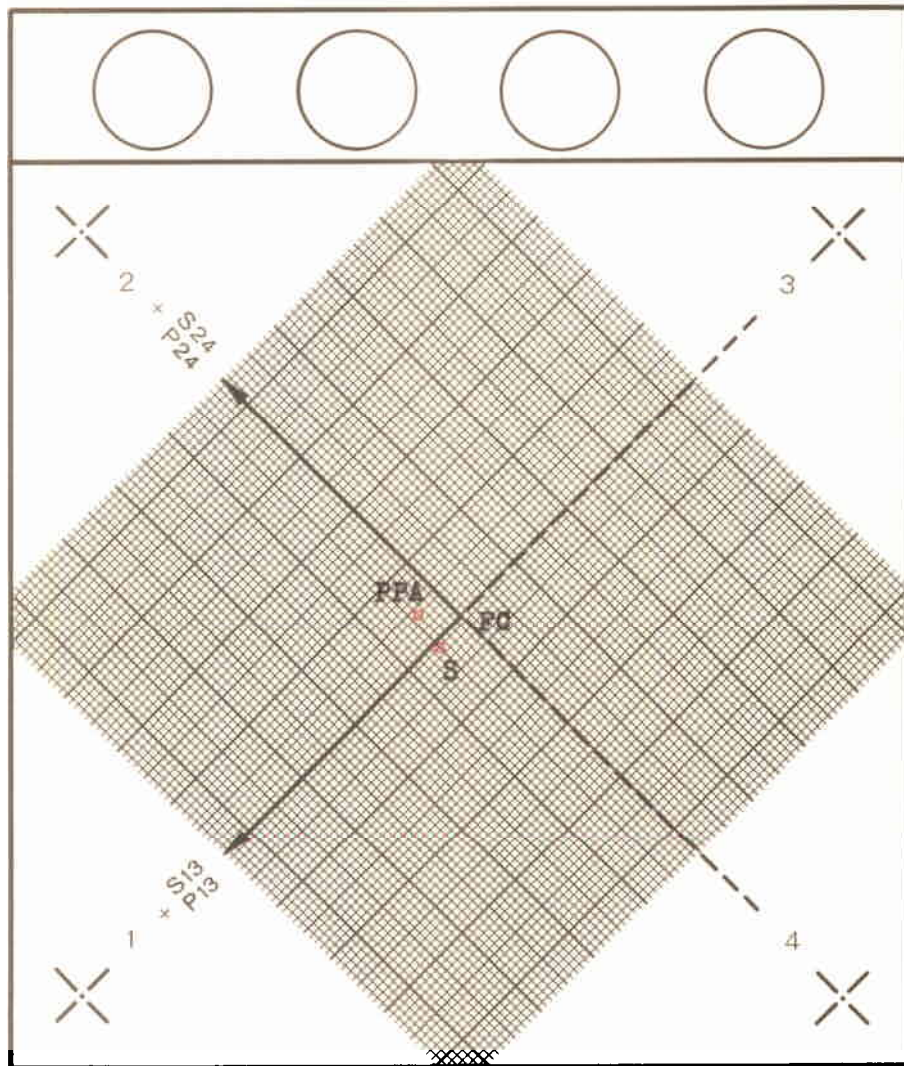
S13 = 5 μ m S24 = -1 μ m

Principal Point of Autocollimation (PPA):

P13 = 4 μ m P24 = 4 μ m

(Calibration without filter)

(Seen on Focal Plane Frame)



SCALE: 1000 : 1

Distances between Fiducial Marks in mm:

1 - 2 = 212.007

1 - 3 = 299.796

2 - 3 = 211.987

2 - 4 = 299.815

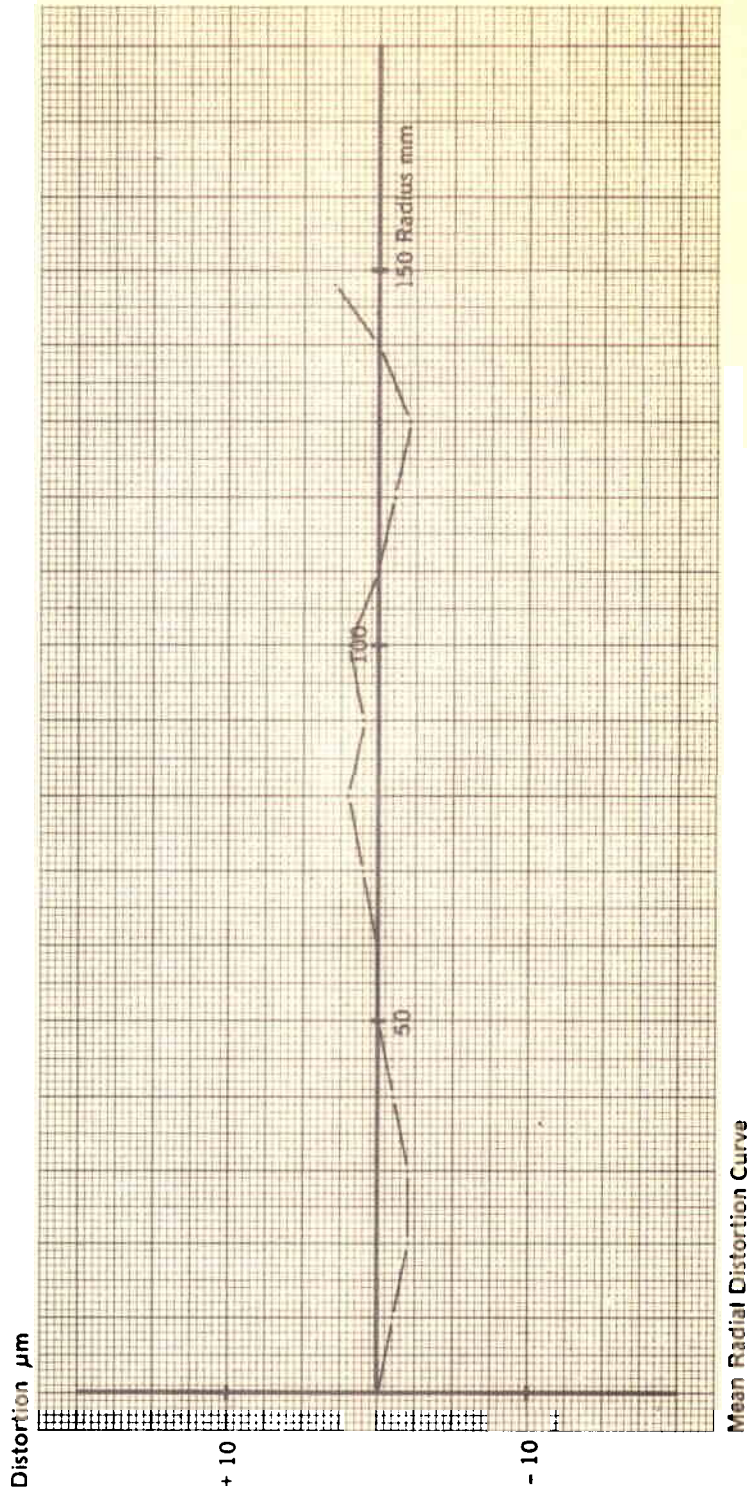
3 - 4 = 211.989

4 - 1 = 211.996

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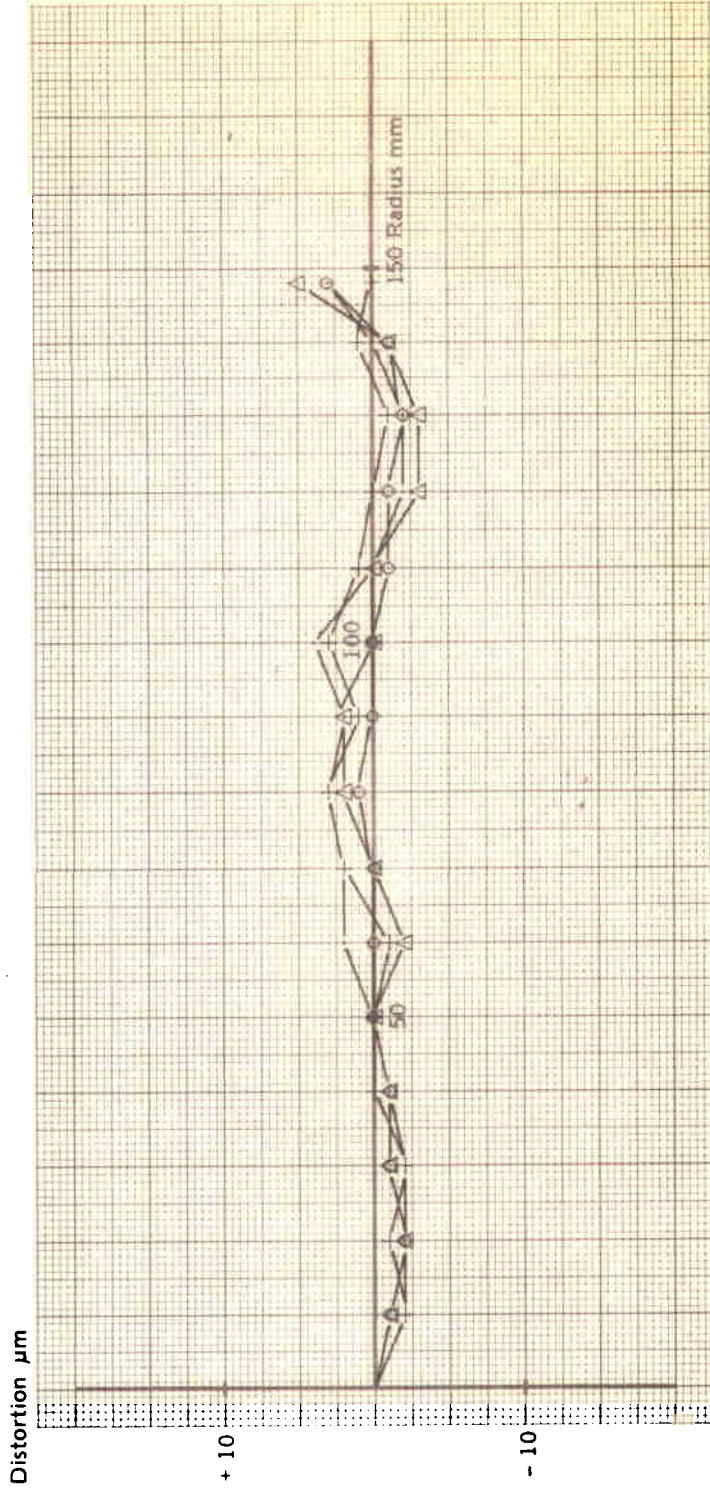


WILD RC10 UNIVERSAL-AVIAGON II Lens Cone 9" x 9" 15 UA_g.II 3025 f = 153.42 mm



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WILD RC10 UNIVERSAL-AVIAGON II Lens Cone 9" x 9" f = 153.42 mm



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