

21.2.72



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## Calibration Certificate

### Wild Lens Cone / Camera

**No.** 8.8 SAg. II No. 2028

**Type:** RC 10

### Lens Cone / Camera

Type: RC 10  
 No.: 8.8 SAg. 2028  
 Format: 9" x 9"

### Lens

Type: Super - Aviogon II  
 No.: 2028  
 f = 87.68 mm  
 max. aperture: f: 5.6

Calibration date: 21.2.72

### Resolving Power (Lines per millimeter)

High contrast and max. aperture f: 5.6

Film: Agfa IP 15 blank

Glass plate:

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
rad.	90	90	100	125	84	74	78	83	69	23	13	13	14
tang.	90	90	78	94	89	67	61	60	59	45	26	17	15

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 / Camera.

Calibrated focal length: 87.68 mm

Radius	20	40	60	80	100	120	140	148
Distortion	-0.004	-0.010	-0.011	-0.007	+0.010	+0.010	-0.011	+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: 16.3.72

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 Limited for m. 542

**Lens Cone/Camera**

**Lens**

**Calibration date:** 21.2.72

Type: RC 10

Type: Super - Aviogon II

Format: 9" x 9"

No.: 2028

f = 87.68 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

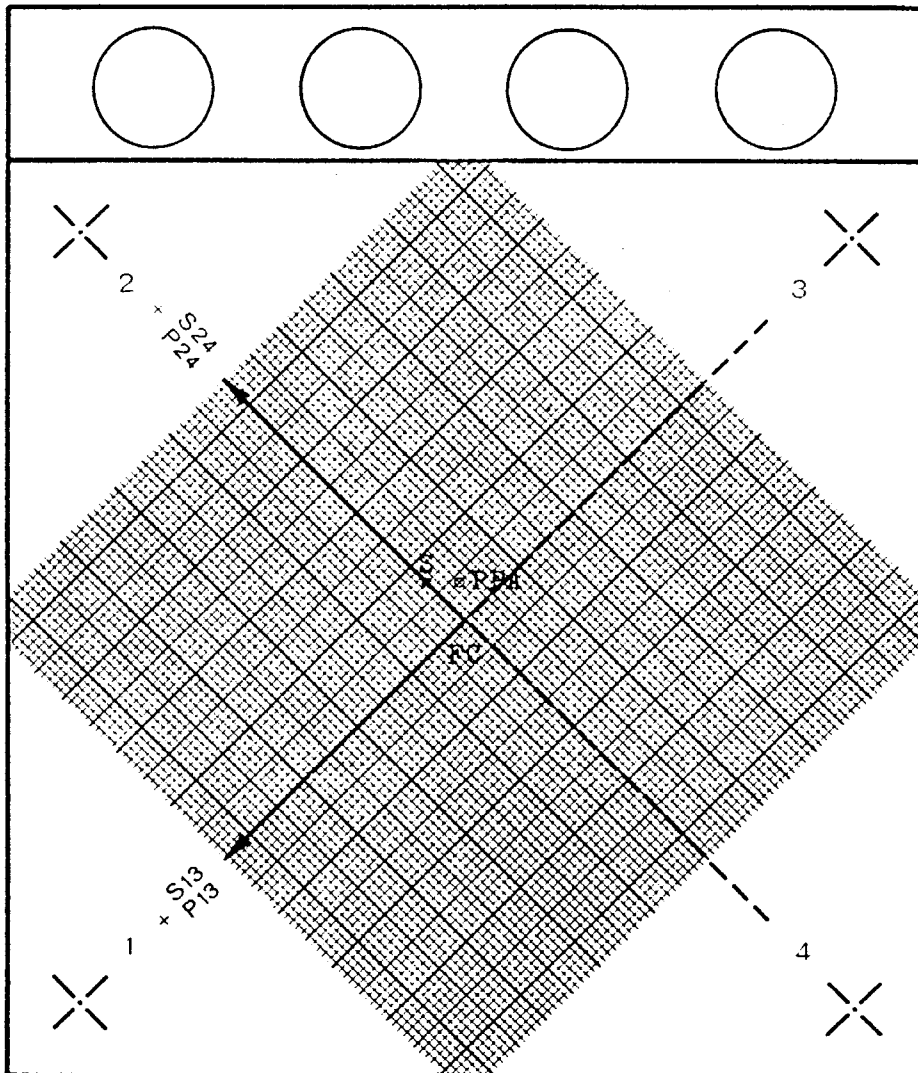
S13 = 0  $\mu$ m S24 = +7  $\mu$ m

Principal Point of Autocollimation (PPA):

P13 = -3  $\mu$ m P24 = +4  $\mu$ m

(Calibration without filter)

(Seen on Focal Plane Frame)



SCALE: 1000:1

Distances between Fiducial Marks in mm:

1 - 2 = 212.003

1 - 3 = 299.826

2 - 3 = 212.002

2 - 4 = 299.818

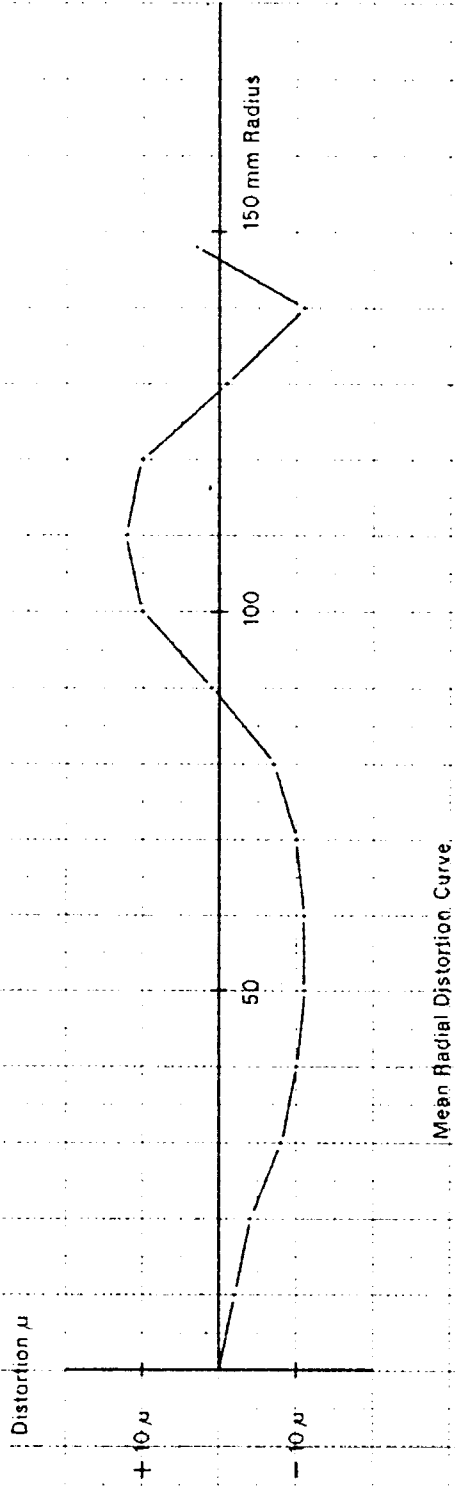
3 - 4 = 212.009

4 - 1 = 212.010

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WILD RC10 (9" x 9") 8.8 SUPER - AVIOGON II No. 2028 f = 87.68 mm

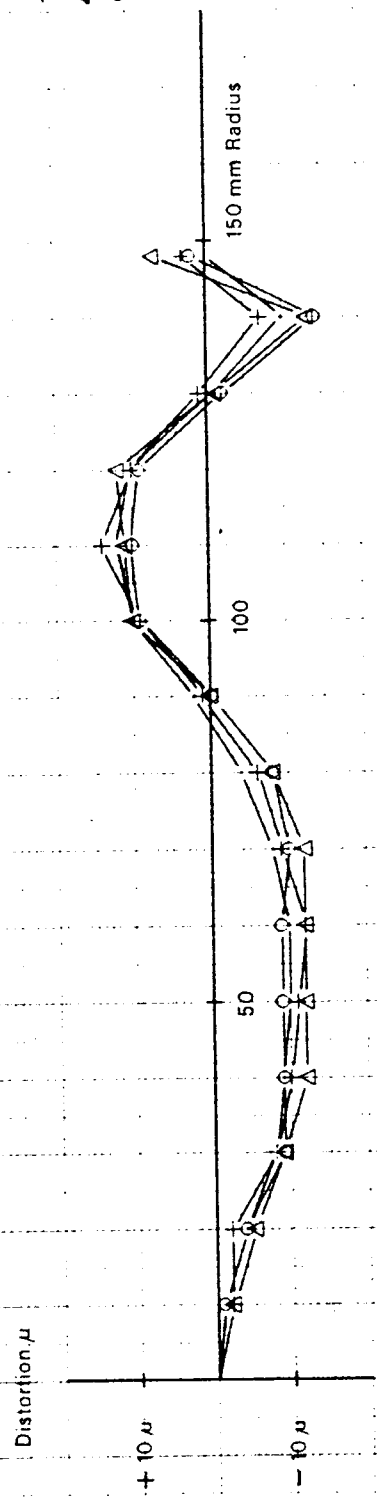


Mean Radial Distortion Curve

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WILD RC 10 (9" x 9") 8.8 SUPER - AVIOGON II No. 2028 f = 87.68 mm.

- = 1
- + = 3
- △ = 2
- = 4



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