

FFV.



8.3.72

Calibration Certificate

Wild Lens Cone / Camera

No. 15 UAg. 324

Type: RC5/RC8

This calibration certificate replaces the
previous certificate issued on 28.7.66

Lens Cone/Camera**Lens****Calibration date:** 8.3.72

Type: RC5/RC8

Type: Universal - Aviogon

Format: 9" x 9"

No.: 15 UAg. 324 f = 152.81 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

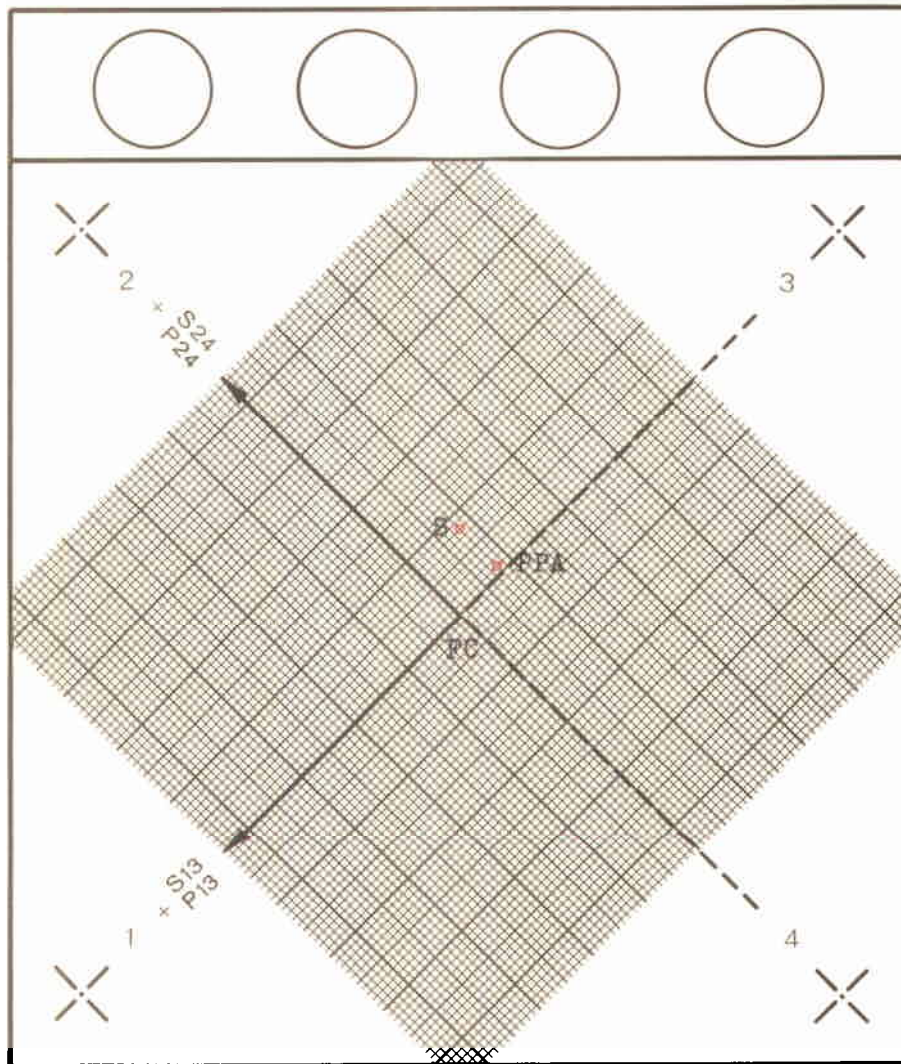
S13 = -8 μm S24 = +8 μm

Principal Point of Autocollimation (PPA):

P13 = -8 μm P24 = +1 μm

(Calibration without filter)

(Seen on Focal Plane Frame)



SCALE: 1000:1

Distances between Fiducial Marks in mm :

1 - 2 = 212.009

1 - 3 = 299.822

2 - 3 = 212.009

2 - 4 = 299.827

3 - 4 = 212.012

4 - 1 = 212.001

WILD HEERBRUGG LTD

Jam. 542

Lens Cone / Camera

Type: RC5/RC8
 No.: 15 UAg. 324
 Format: 9" x 9"

Lens

Calibration date: 8.3.72

Type: Universal - Aviogon
 No.: 324
 f = 152.81 mm
 max. aperture: f: 5.6

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.	53	53	52	51	55	38	51	49	26	8			
tang.	53	53	51	49	47	49	44	40	35	17			

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: 152.81 mm

Radius	20	40	60	80	100	120	140	148
Distortion	+0.004	+0.006	+0.005	+0.001	-0.004	-0.007	+0.001	+0.009

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

Date of Dispatch: 17.3.72

WILD HEERBRUGG
 Limited Jan. 542

Lens Cone/Camera**Lens****Calibration date:** 8.3.72

Type: RC5/RC8

Type: Universal - Aviogon

Format: 9" x 9"

No.: 15 UAg. 324 f = 152.81 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

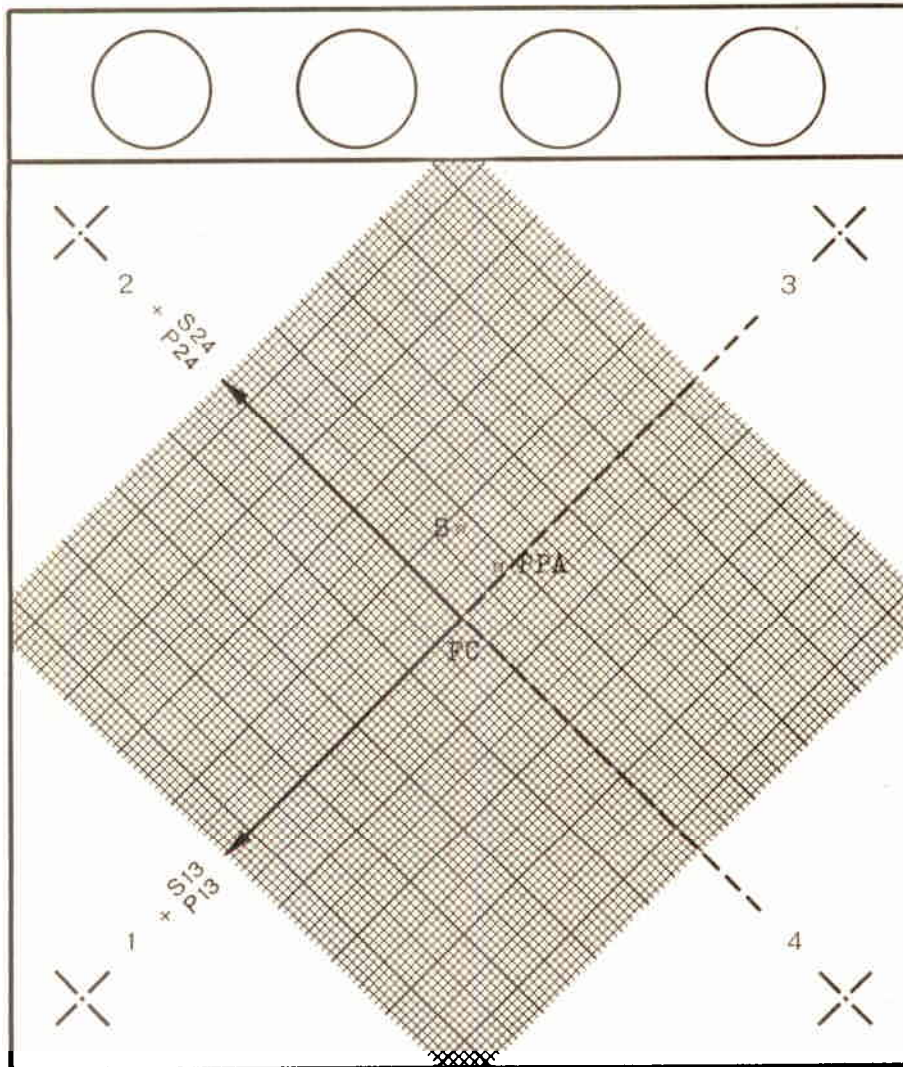
S13 = -8 μ m S24 = +8 μ m

Principal Point of Autocollimation (PPA):

P13 = -8 μ m P24 = +1 μ m

(Calibration without filter)

(Seen on Focal Plane Frame)



SCALE: 1000:1

Distances between Fiducial Marks in mm:

1 - 2 = 212.009

1 - 3 = 299.822

2 - 3 = 212.009

2 - 4 = 299.827

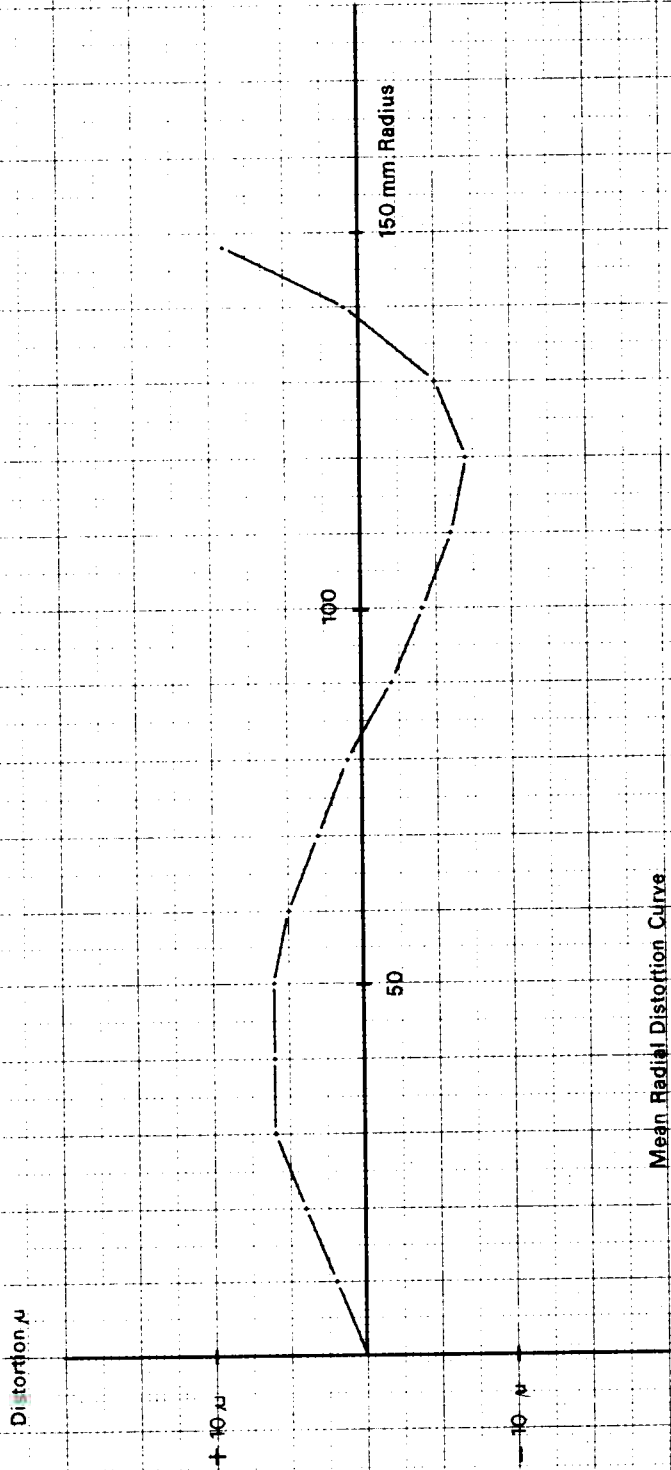
3 - 4 = 212.012

4 - 1 = 212.001

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WILD UNIVERSAL - AVIOGON Lens Cone 9" x 9" No. 15 UAg. 324 f = 152.81 mm

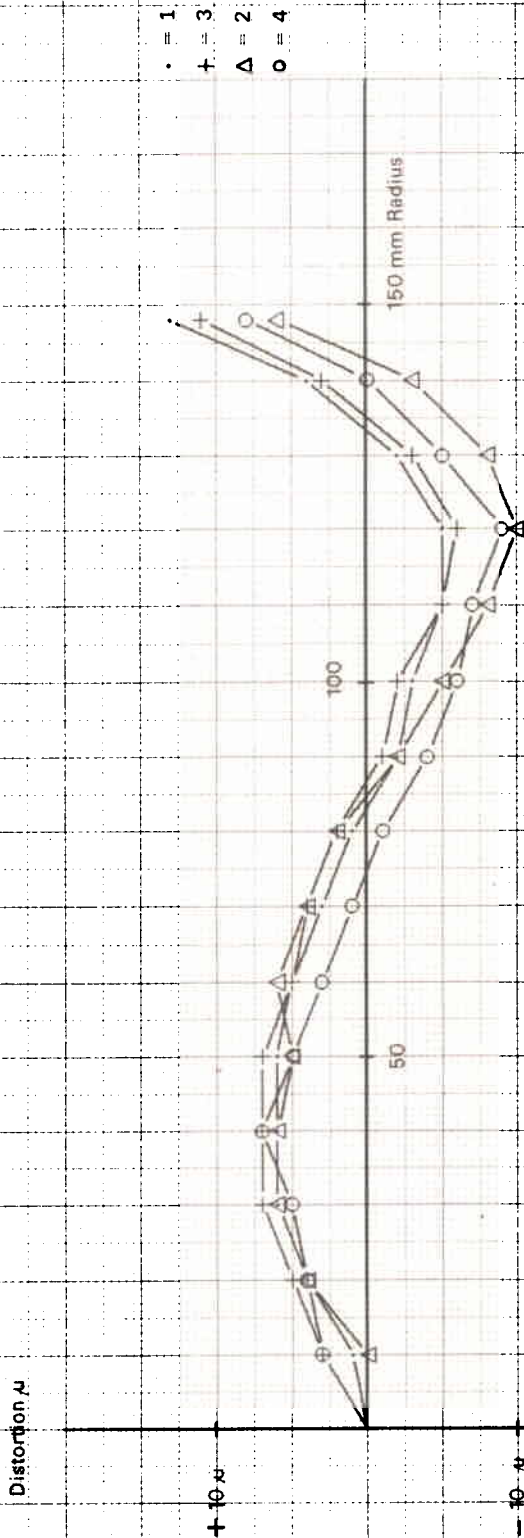


Mean Radial Distortion Curve

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WILD UNIVERSAL-AVIODIGON Lens Cone 9" x 9" No. 15 UAg. 324 f = 152.81 mm



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