

12.12.1972



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## Calibration Certificate

### Wild Lens Cone / ~~Camera~~

**No.** 11.5 Ag. 29

**Type:** RC5/RC8

This calibration certificate replaces the  
previous certificate issued on 26.2.63

**Lens Cone / Camera**

Type: RC5/RC8  
 No.: 11.5 Ag. 29  
 Format: 18 cm x 18 cm

**Lens**

**Calibration date:** 12.12.72

Type: Aviogon  
 No.: 29  
 f = 115.26 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.	70	70	69	75	73	63	61	64	38	13			
tang.	70	70	67	59	62	64	58	52	41	25			

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: 115.26 mm

Radius	20	40	60	80	90	100	110	114
Distortion	+0.004	+0.006	0.000	-0.005	-0.006	-0.004	+0.003	+0.008

The displacement of the principal point of autocollimation from the intersection of the diagonals (fiducial center) is within 0.02 mm.

Date of Dispatch: 18.12.72

**WILD HEERBRUGG**  
 Limited  


**Lens Cone/Camera**

**Lens**

**Calibration date:** 12.12.72

Type: RC5/RC8

Type: Aviogon

Format: 18 cm x 18 cm

No.:11.5 Ag. 29 f = 115.26 mm

Coordinates (Origin: Fiducial Center) of

Point of best Symmetry (S):

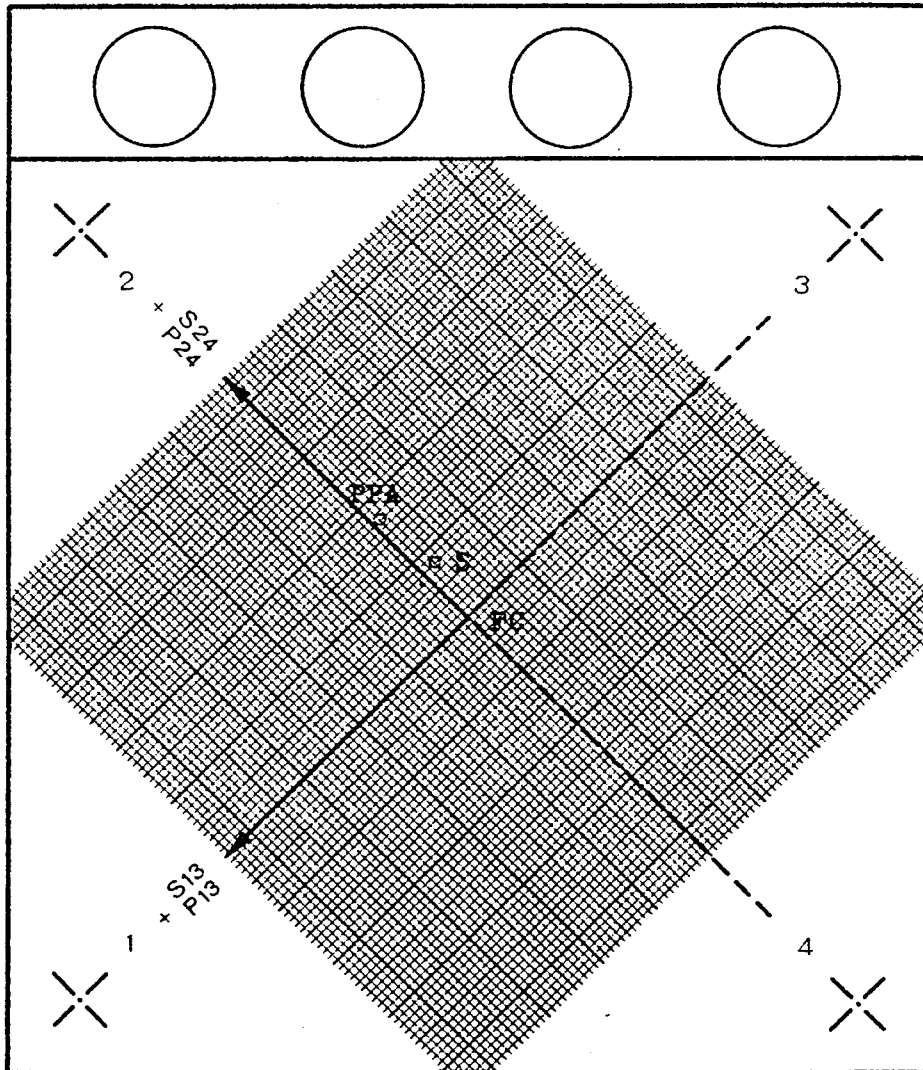
S13 = -2 μm S24 = +8 μm

Principal Point of Autocollimation (PPA):

P13 = -1 μm P24 = +17 μm

(Calibration without filter)

(Seen on Focal Plane Frame)



SCALE: 1000 : 1

Distances between Fiducial Marks in mm:

- 1 - 2 = 163.999      1 - 3 = 231.916
- 2 - 3 = 163.991      2 - 4 = 231.927
- 3 - 4 = 163.995
- 4 - 1 = 163.991

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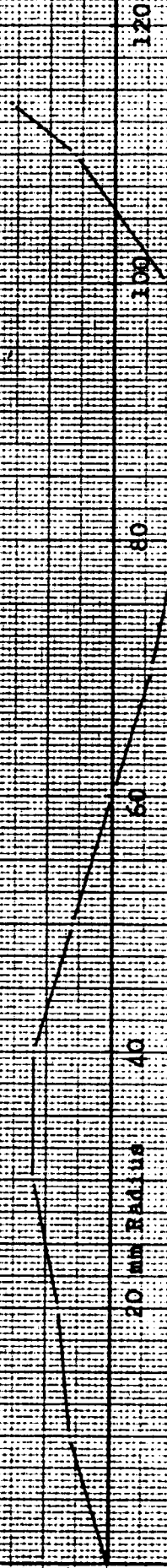
Sc.

FLUOR-AVIOCON Lens Core 16 cm x 18 cm No. 11.5 Art. 29 P. - 115124 mm

Distortion %

10 %

10 %



Mean Radial Distortion Curve

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12.12.72

Handwritten initials or signature.

WILD ANTIAGON Lens, Cone 18 cm x 18 cm No. 11.5 AG. 29 f = 115.26 mm

Distortion /  $\mu$

+10 /  $\mu$

-10 /  $\mu$

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

20 mm Radius

40

60

100

80

120

Origin: Point of Symmetry

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12.12.72

Sno