

26.2.63



## Calibration Certificate

Wild Camera No. 11.5 Ag. 29  
Lens No. 29

**Lens Cone**

Type: **RC5**  
No.: **11.5 Ag. 29**  
Size: **18 x 18 cm**

**Lens**      **Calibration date:** 26.2.63

Type: **Aviogon**  
No.: **29**  
f = **115 mm**  
max. aperture: **f:5.6**

**Resolving Power (Lines per millimetre)**

High contrast and max. aperture **f:5.6**

Film: **Agfa Isopan IFF 13 Planfilm**

Glass plate:

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
rad.	70	70	69	67	65	51	54	64	38	28			
tang.	70	70	67	65	62	64	58	52	37	28			

rad.													
tang.													

**Distortion in millimetres**

The given distortion is the arithmetic mean between the four half-diagonals. Distortion positive away from centre.      **Goniometer measurements made without filter.**

Calibrated focal length: **115.29 mm**

Radius	20	40	60	80	90	100	110	114
Distortion	+0.007	+0.008	+0.003	-0.004	-0.008	-0.006	+0.001	+0.004

The displacement of the principal point of autocollimation from the intersection of the diagonals is within **0.02** mm.

Date of Dispatch: **4.3.63**

WILD  
HEERBRUGG

**LENS CONE**

**LENS**

**CALIBRATION DATE: 26.2.63**

Type: **RC5**

Type: **Aviagon**

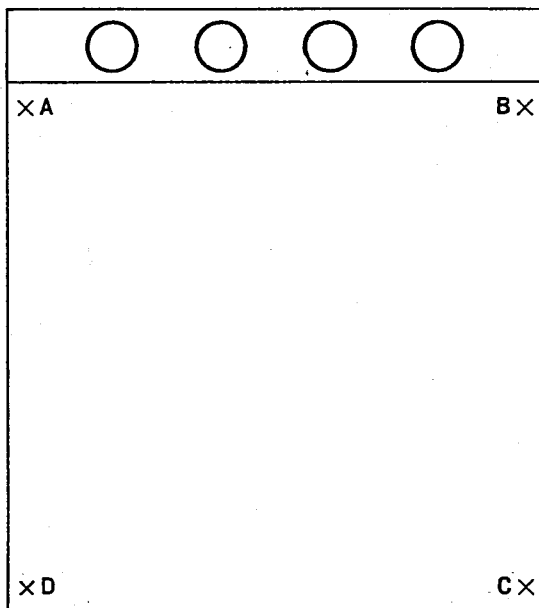
No.: **11.5 Ag. 29**

No.: **29**

Size: **18 x 18 cm**

f = **115 mm**

Seen on camera from top



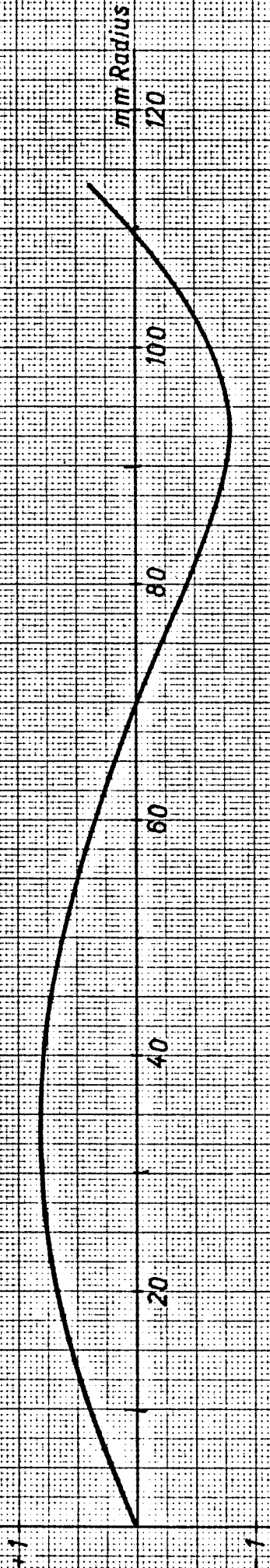
A	—	B =	163.993
B	—	C =	163.997
C	—	D =	163.992
D	—	A =	163.998
A	—	C =	231.929
B	—	D =	231.917

WILD HEINRICH RUGG

11/11

Wild RC5 Aviogon 18 x 18 cm Nr 29 115 Ag. 29 f=115.29mm

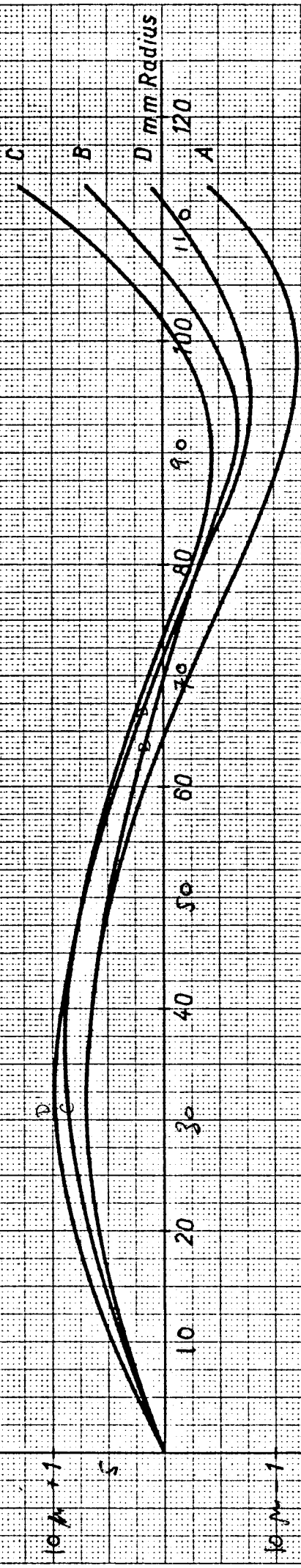
Distortion  
1 mm  
100



~~28.2.63~~  
/95

Wild RC5 Aviogon 18 x 18cm Nr. 29 115 Ag. 29 f=115.29mm

Distortion  
1/100 mm



Curve	10	20	30	40	50	60	70	80	90	100	110	120
A	3	5	7	6	5	2	-2	-7	-11	-12	-8	
B	3	5	7	6	5	3	0	-3	-7	-5	+3	
C	4	6	8	8	7	5	1	-3	-4	-2	+1	28.263
D	5	8	10	9	7	4	1	-3	-7	-7	-2	