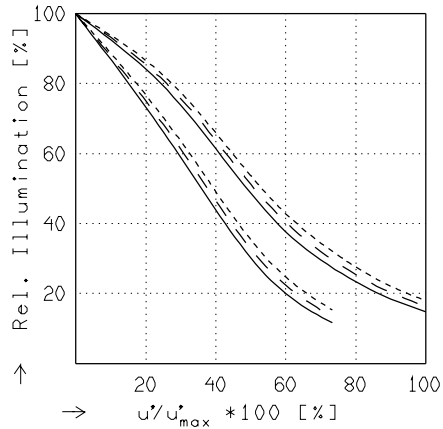
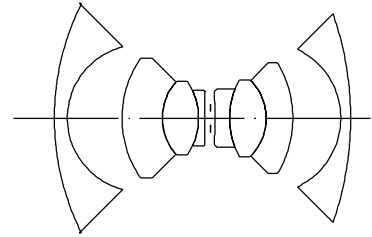


SUPER-ANGULON XL 5.6/72

$f' = 72.0 \text{ mm}$ $\beta_p = 0.967$
 $s_F = -48.7 \text{ mm}$ $s_{EP} = 25.7 \text{ mm}$
 $s_{F'} = 47.3 \text{ mm}$ $s_{AP} = -22.3 \text{ mm}$
 $HH' = 31.3 \text{ mm}$ $\Sigma d = 79.3 \text{ mm}$

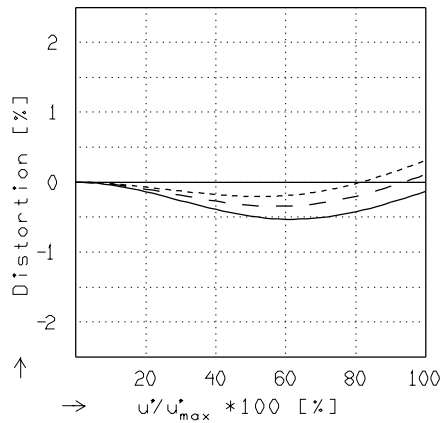


RELATIVE ILLUMINATION

The relative illumination is shown for the given focal distances or magnifications.

$f / 5.6$ $f / 22.0$

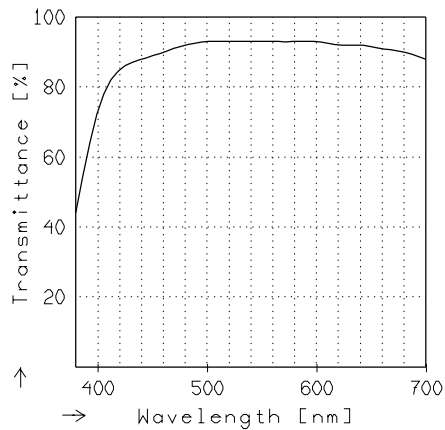
— $\beta' = 0.0000$ $u'_{max} = 112.9$ $00' = \infty$
 - - $\beta' = -0.0500$ $u'_{max} = 113.1$ $00' = 1618.$
 - · - $\beta' = -0.1000$ $u'_{max} = 113.3$ $00' = 902.$



DISTORTION

Distortion is shown for the given focal distances or magnifications. Positive values indicate pincushion distortion and negative values barrel distortion.

— $\beta' = 0.0000$ $u'_{max} = 112.9$ $00' = \infty$
 - - $\beta' = -0.0500$ $u'_{max} = 113.1$ $00' = 1618.$
 - · - $\beta' = -0.1000$ $u'_{max} = 113.3$ $00' = 902.$



TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.

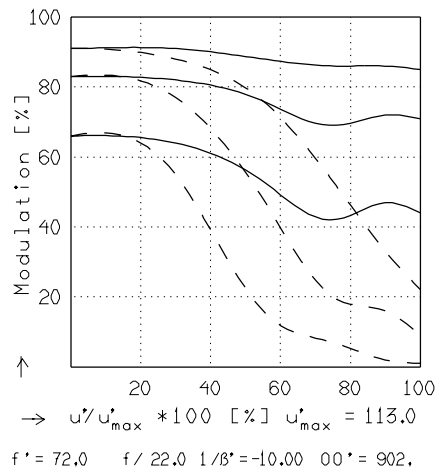
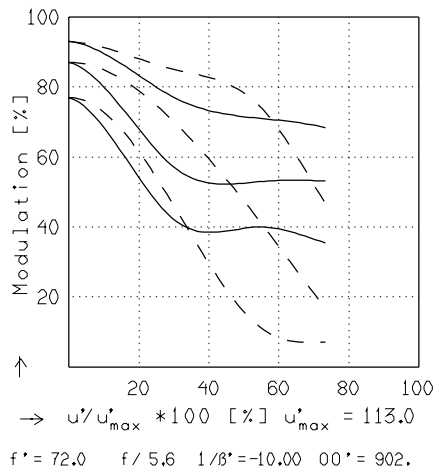
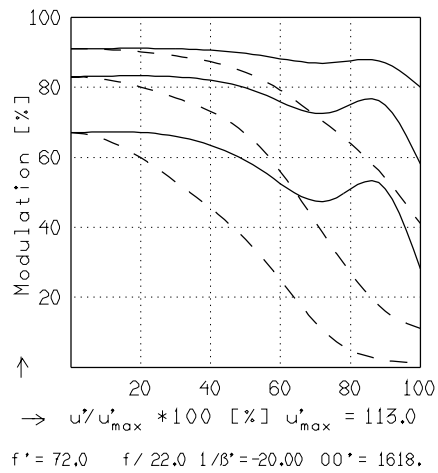
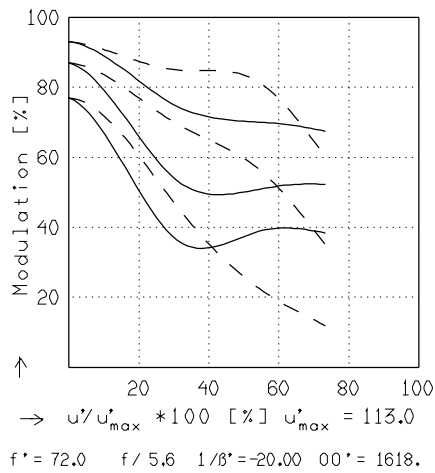
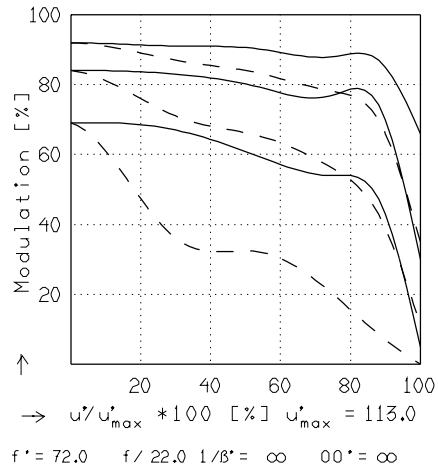
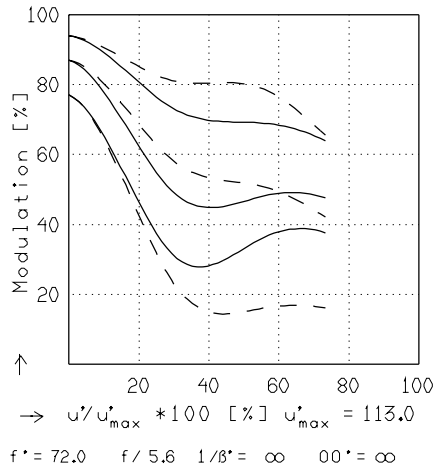
Jos. Schneider Optische Werke GmbH
 Ringstrasse 132 55543 Bad Kreuznach Germany

SUPER-ANGULON XL 5.6/72

MODULATION with reference to the relative image height

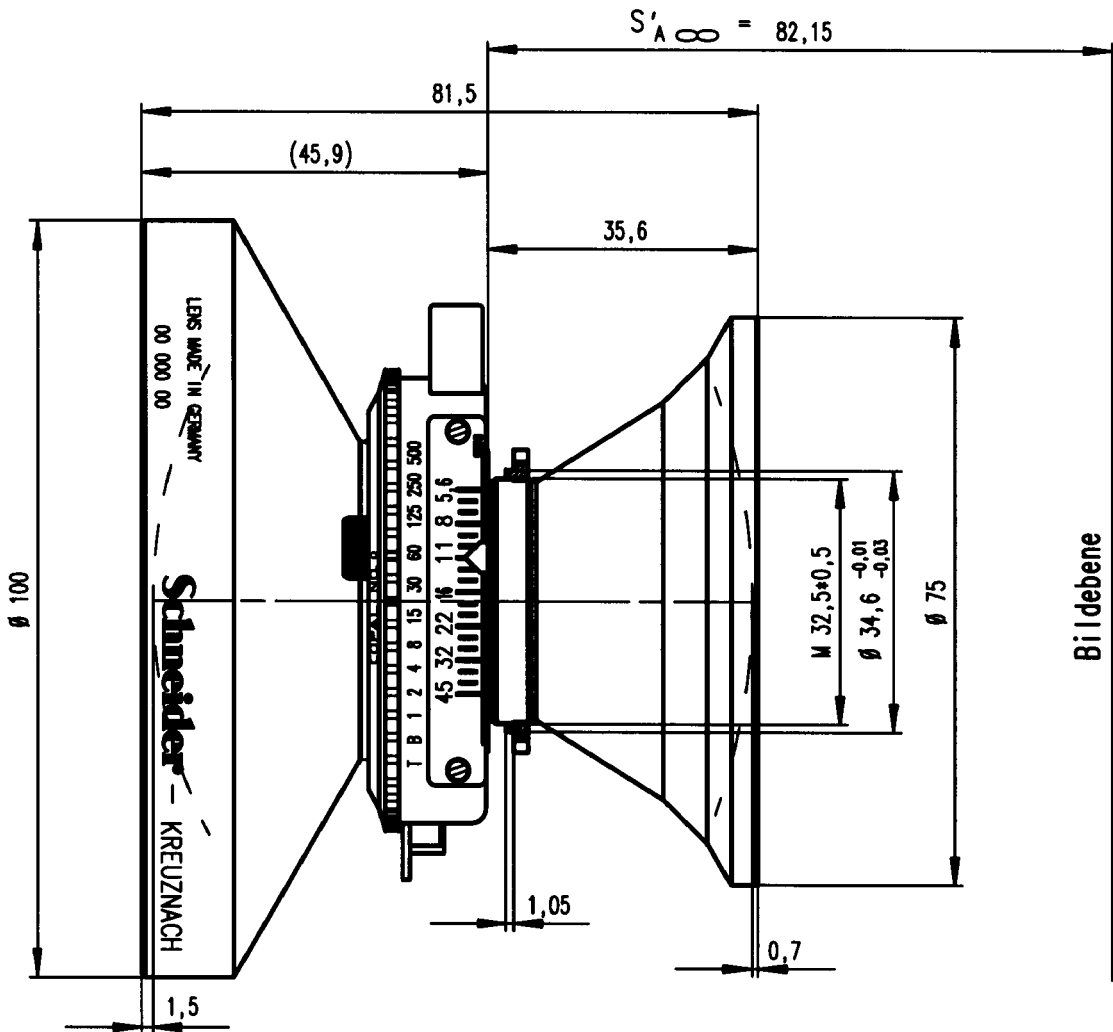
Wavelength λ	[nm]	546	644	588	480	436	405
Spectral weighting	[%]	24.6	18.6	22.1	12.4	15.2	7.1
Spatial frequency R	[1/mm]	5	10	20			
Image- \emptyset f / 5.6	[mm]	165.7					
Image- \emptyset f / 22.0	[mm]	226.0					

radial —
 tangential - -



Focusing : MTF_{max} at $f / 5.6$, $R = 20$ 1/mm, $u'/u'_{max} = 0$

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optische Grunddaten									empf. Bildformat	130x180	
Linsen/Glieder	8/4			HH'	31,34				Blendenbereich	5,6 - 45	
f'	71,98			s'EP	25,66				Center Filter	<u>IV</u> a/35x u. b/25x	
s'f'	47,31			s'AP	-22,33				Filtergewinde	M 95x1	
s'H'	-24,67			S'SK	79,25				Gewicht	520 g	
				k=5,6	k=22				Grundausführung	AN 5672-0001	
Bildwinkel								Verschuß	COPAL 0 (Mod. AC 743)		
Bildkreis Ø				165,6				226,0		Blendenbogen A+B	SR56100-0021-U1
Blendenzahl	5,6	8	11	16	22	32	45	-	Id.Nr.	25587	
Blenden Ø	14,07	9,95	7,01	4,94	3,49	2,47	1,75	-	Schutzkappe vorn	SN 223/034-100,0x9,0.01	
									Schutzkappe hinten	SN 223/030-075,0x7,0.01	

Angaben ohne Einheiten in mm