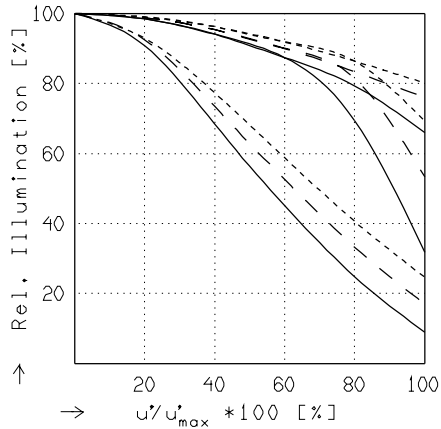
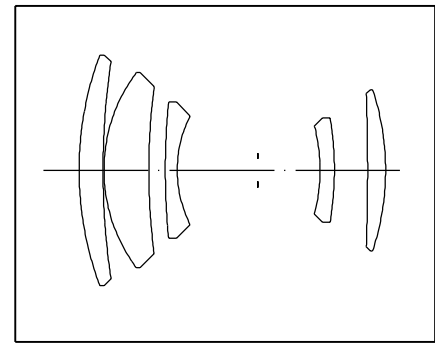


TELE-ARTON-S 5.6/250 COMPACT

$f' = 250.3 \text{ mm}$ $\beta_p = 0.837$
 $s_F = -214.3 \text{ mm}$ $s_{EP} = 84.6 \text{ mm}$
 $s_{F'} = 159.1 \text{ mm}$ $s_{A'P} = -50.4 \text{ mm}$
 $HH' = -24.7 \text{ mm}$ $\Sigma d = 102.4 \text{ mm}$

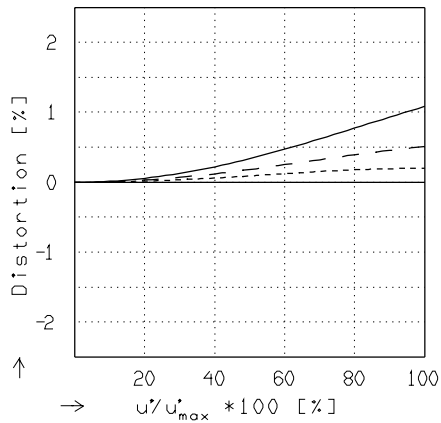


RELATIVE ILLUMINATION

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

$f / 5.6$ $f / 11.0$ $f / 22.0$

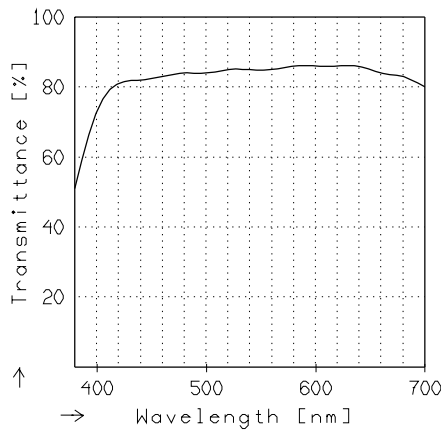
— $\beta' = 0.0000$ $u'_{max} = 96.0$ $00' = \infty$
 - - $\beta' = -0.1000$ $u'_{max} = 95.5$ $00' = 3004.$
 - · - $\beta' = -0.2000$ $u'_{max} = 95.2$ $00' = 1777.$



DISTORTION

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

— $\beta' = 0.0000$ $u'_{max} = 96.0$ $00' = \infty$
 - - $\beta' = -0.1000$ $u'_{max} = 95.5$ $00' = 3004.$
 - · - $\beta' = -0.2000$ $u'_{max} = 95.2$ $00' = 1777.$



TRANSMITTANCE

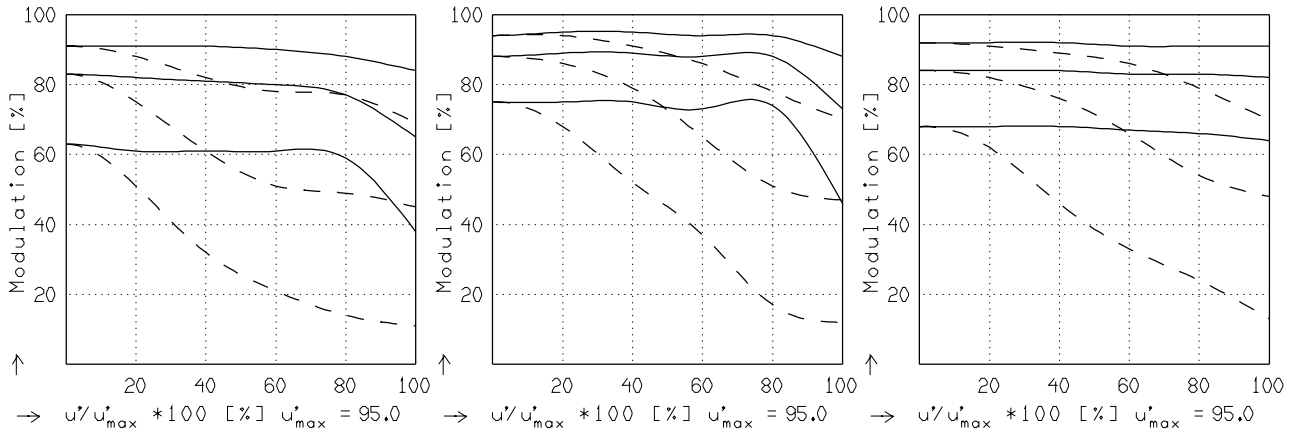
Relative spectral transmittance is shown with reference to wavelength.

TELE-ARTON-S 5.6/250 COMPACT

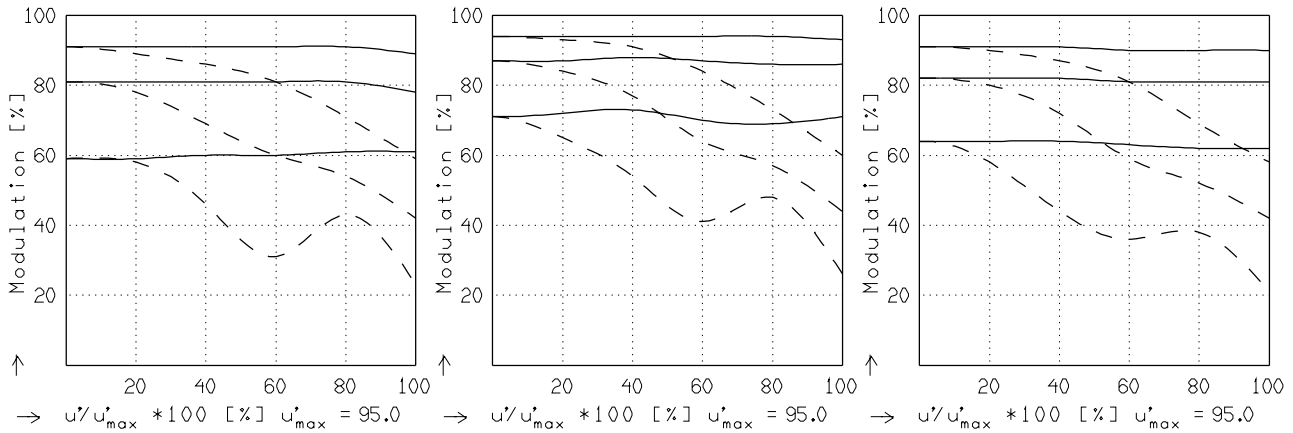
MODULATION with reference to the relative image height

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			
Format	[mm X mm] :	90.0	X120.0				
Diagonal $2u'$	[mm] :	190.0					

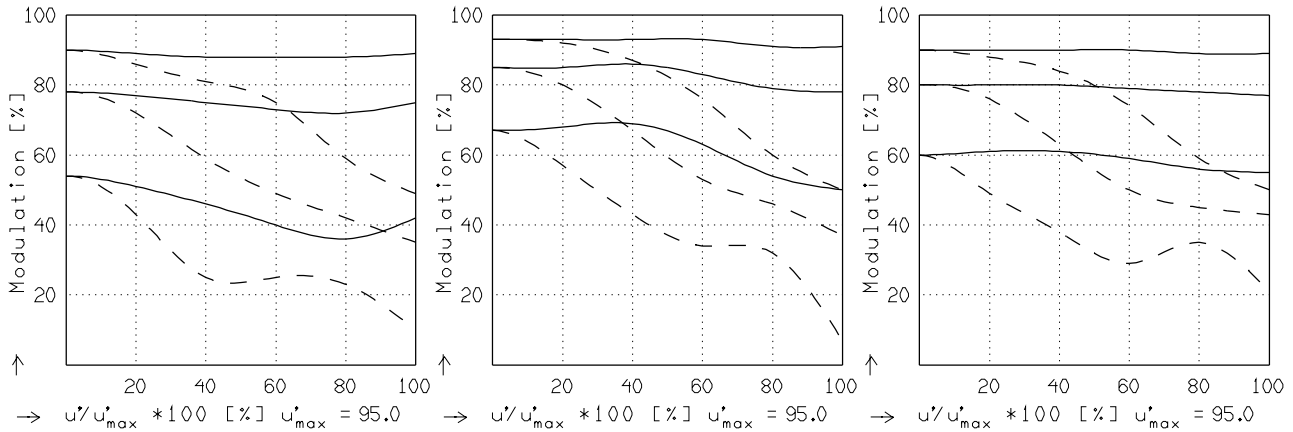
radial —
tangential - -



$f' = 250.3$ $f / 5.6$ $1/B' = \infty$ $OO' = \infty$ $f' = 250.3$ $f / 11.0$ $1/B' = \infty$ $OO' = \infty$ $f' = 250.3$ $f / 22.0$ $1/B' = \infty$ $OO' = \infty$



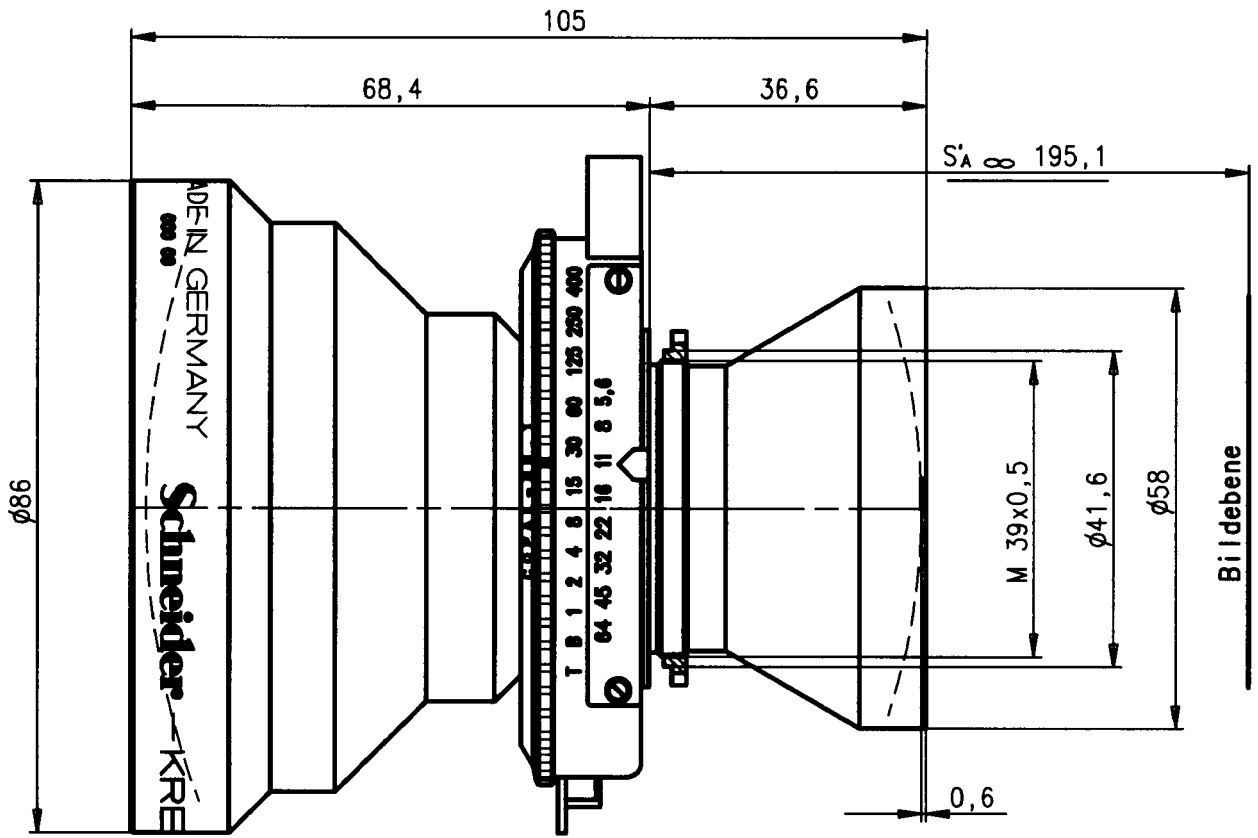
$f' = 250.3$ $f / 5.6$ $1/B' = -10.00$ $OO' = 3004.$ $f' = 250.3$ $f / 11.0$ $1/B' = -10.00$ $OO' = 3004.$ $f' = 250.3$ $f / 22.0$ $1/B' = -10.00$ $OO' = 3004.$



$f' = 250.3$ $f / 5.6$ $1/B' = -5.00$ $OO' = 1777.$ $f' = 250.3$ $f / 11.0$ $1/B' = -5.00$ $OO' = 1777.$ $f' = 250.3$ $f / 22.0$ $1/B' = -5.00$ $OO' = 1777.$

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

0.025 0.075 0.125 0.175 0.225 0.275 0.325 0.375 0.425 0.475 0.525 0.575 0.625 0.675 0.725 0.775 0.825 0.875 0.925 0.975
 0.020 0.060 0.100 0.140 0.180 0.220 0.260 0.300 0.340 0.380 0.420 0.460 0.500 0.540 0.580 0.620 0.660 0.700 0.740 0.780 0.820 0.860 0.900 0.940 0.980
 0.020 0.060 0.100 0.140 0.180 0.220 0.260 0.300 0.340 0.380 0.420 0.460 0.500 0.540 0.580 0.620 0.660 0.700 0.740 0.780 0.820 0.860 0.900 0.940 0.980
 46-95 130600 Printed in the Federal Republic of Germany



Verschluss: COPAL 1

optische Grunddaten									empf. Bildformat	90x120 / 4"x 5"	
Linsen/Glieder	5/5		HH'						-24,72	Blendenbereich	5,6 - 64
f'	250,29		s _{EP}						84,60	Filtergewinde	M82x0,75
s' _F	159,11		s' _{AP}						-50,44	Gewicht	700 g
s' _H	-91,18		S _{SK}						102,40	Grundauführung	TAR 56250-0015
			k=5,6	k=22					Verschluss	COPAL 1	
Bildwinkel			37,7°		41,6°					Blendenbogen A+B	-U1
Bildkreis ϕ			171		190						
Blendenzahl	5,6	8	11	16	22	32	45	64	Inkreis bei k 11	$\phi 14,52$	
Blenden ϕ	29,54	20,90	14,78	10,45	7,39	5,23	3,70	2,61	Id.Nr.	13 442	

Angaben ohne Einheiten in mm

technische Änderungen vorbehalten