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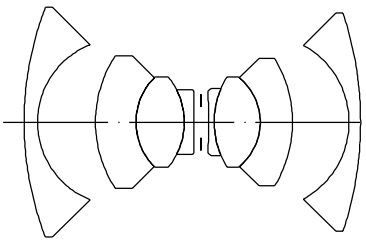
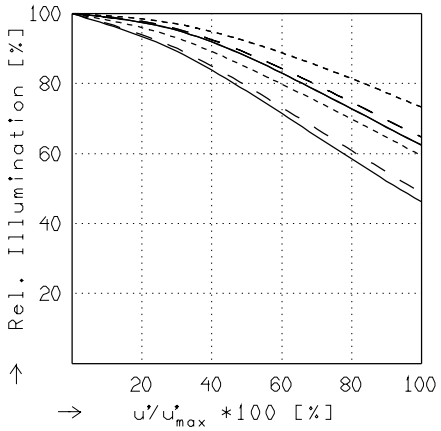
f' =	47.5 mm	β'_P =	0.962
s_F =	-32.7 mm	s_{EP} =	16.7 mm
$s'_{F'}$ =	30.8 mm	s'_{AP} =	-14.9 mm
HH' =	20.8 mm	Σ d =	52.3 mm

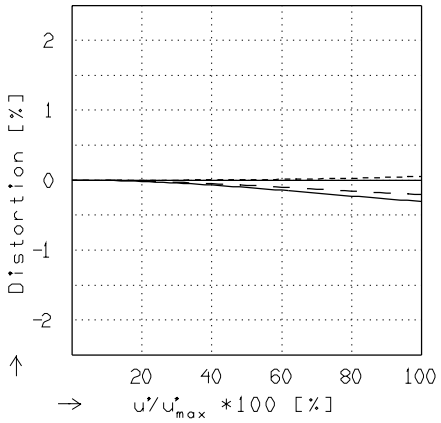




RELATIVE ILLUMINATION

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

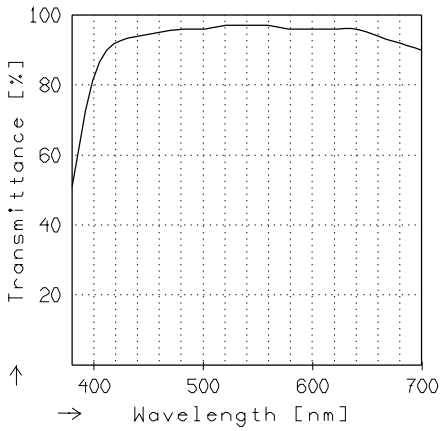
	f / 5.6	f / 8.0	f / 11.0
——	β' = -0.0500	u'_{max} = 29.9	ω' = 1069.
— —	β' = -0.1000	u'_{max} = 29.9	ω' = 596.
-----	β' = -0.3333	u'_{max} = 30.0	ω' = 274.



DISTORTION

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

——	β' = -0.0500	u'_{max} = 30.0	ω' = 1069.
— —	β' = -0.1000	u'_{max} = 30.0	ω' = 596.
-----	β' = -0.3333	u'_{max} = 30.0	ω' = 274.



TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.

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

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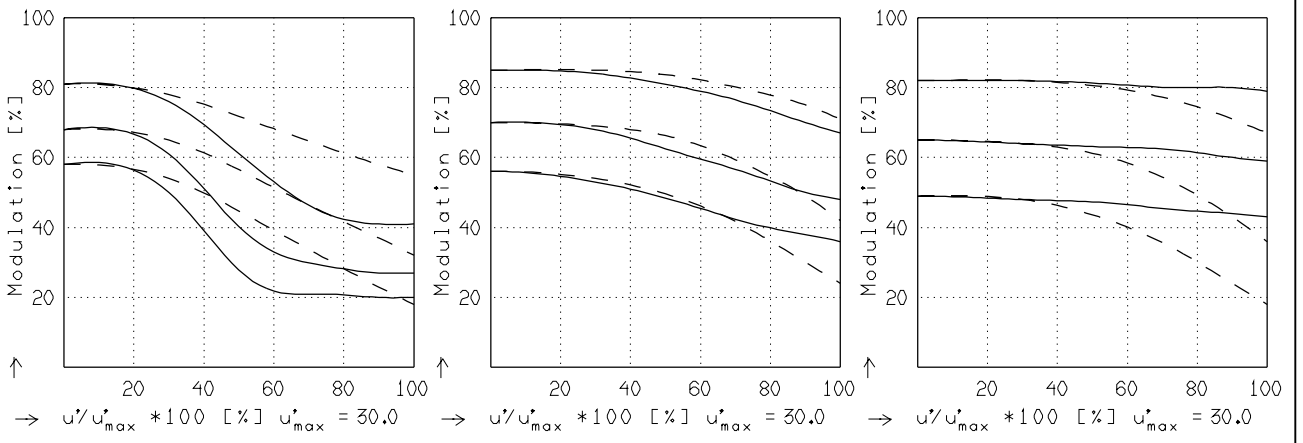
MODULATION with reference to the relative image height

Wavelength	λ	[nm] :	520	670	620	570	470	420
Spectral weighting		[%] :	19.0	10.0	19.0	19.0	19.0	14.0
Spatial frequency R		[1/mm] :	20	40	60			
Format		[mm X mm] :	30.0	X 30.0				
Diagonal 2u'		[mm] :	60.0					

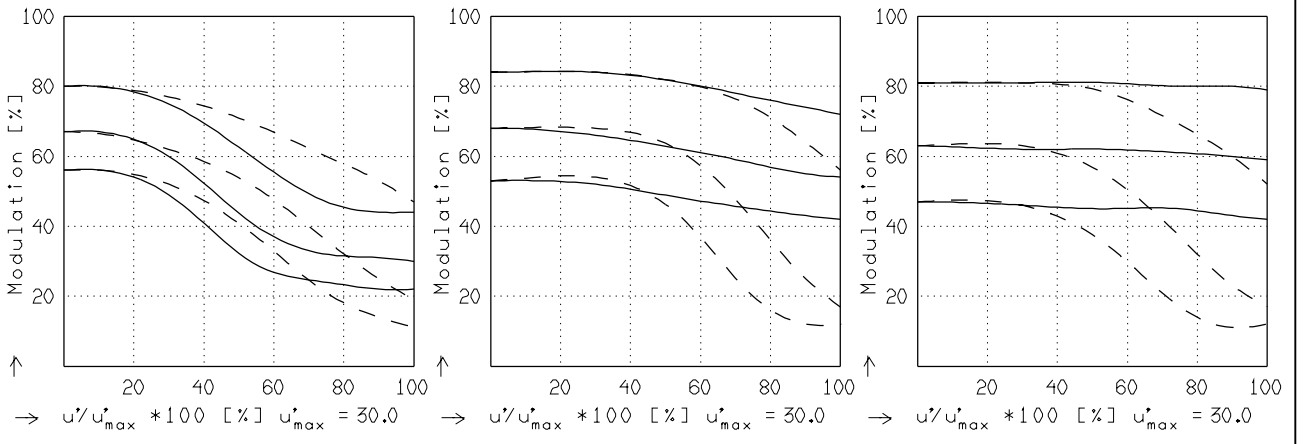
radial ——

tangential — —



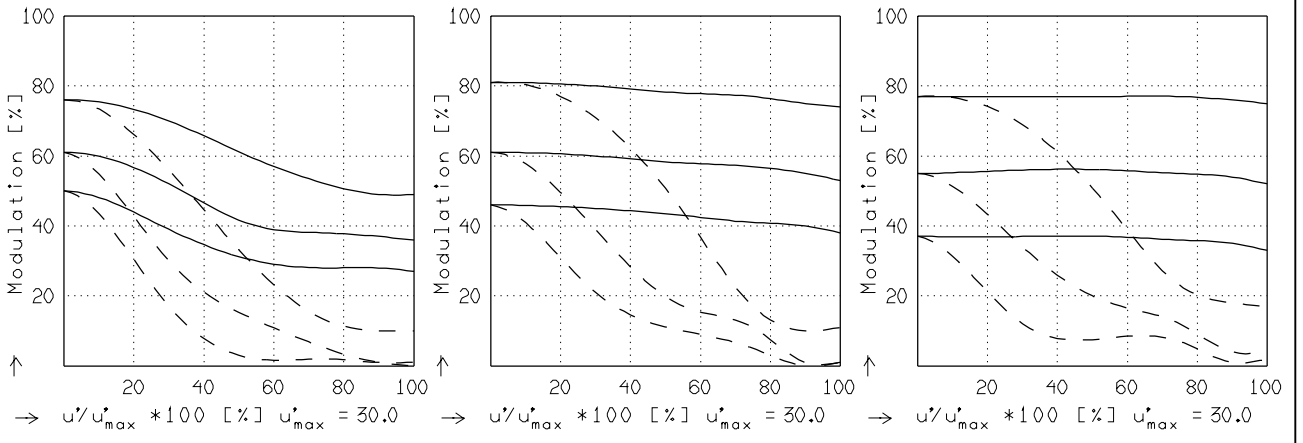
f' = 47.5 f/ 5.6 1/ß' = -20.00 OO' = 1069. | f' = 47.5 f/ 8.0 1/ß' = -20.00 OO' = 1069. | f' = 47.5 f/ 11.0 1/ß' = -20.00 OO' = 1069.

-0.070 -0.070 -0.070 -0.070



f' = 47.5 f/ 5.6 1/ß' = -10.00 OO' = 596. | f' = 47.5 f/ 8.0 1/ß' = -10.00 OO' = 596. | f' = 47.5 f/ 11.0 1/ß' = -10.00 OO' = 596.

-0.050 -0.050 -0.050 -0.040 -0.040 -0.040



f' = 47.5 f/ 5.6 1/ß' = -3.00 OO' = 274. | f' = 47.5 f/ 8.0 1/ß' = -3.00 OO' = 274. | f' = 47.5 f/ 11.0 1/ß' = -3.00 OO' = 274.

Focusing : MTF_{max} at f / 5.6 , R = 60 1/mm, u'/u'_{max} = 0

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