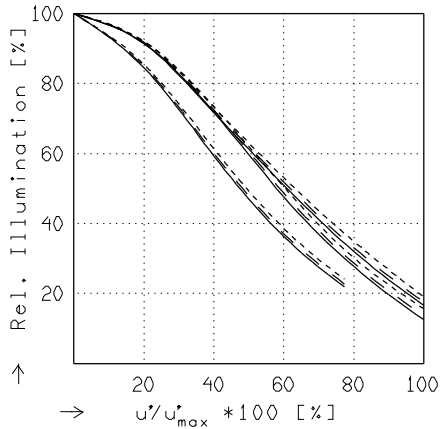
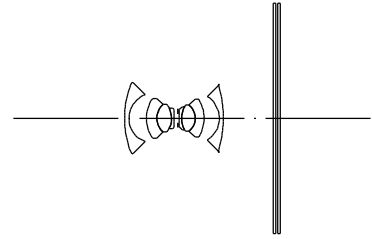


APO-DIGITAR 5.6/35 - 102°

$f' = 36.4 \text{ mm}$ $\beta_p = 0.949$
 $s_F = -24.8 \text{ mm}$ $s_{EP} = 13.5 \text{ mm}$
 $s_{F'} = 1.4 \text{ mm}$ $s_{AP} = -33.2 \text{ mm}$
 $HH' = 16.1 \text{ mm}$ $\Sigma d = 62.7 \text{ mm}$

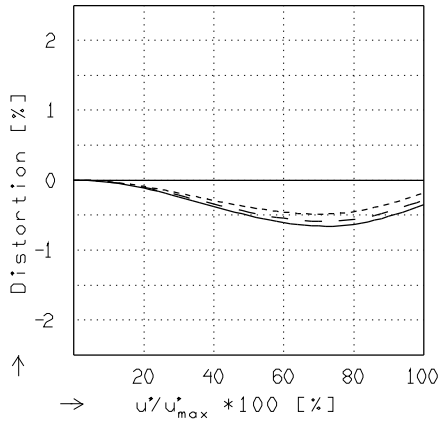


RELATIVE ILLUMINATION

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

$f / 5.7$ $f / 8.0$ $f / 11.0$

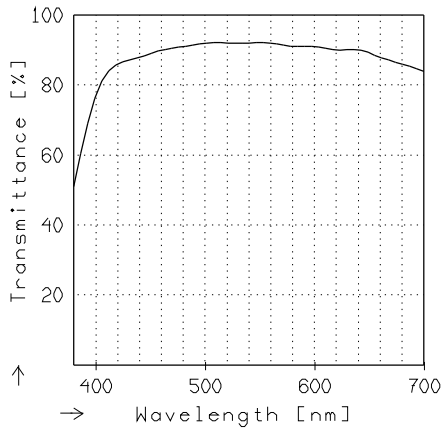
— $\beta' = 0.0000$ $u'_{max} = 44.8$ $00' = \infty$
 - - $\beta' = -0.0151$ $u'_{max} = 44.9$ $00' = 2500.$
 - · - $\beta' = -0.0400$ $u'_{max} = 44.9$ $00' = 1000.$



DISTORTION

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

— $\beta' = 0.0000$ $u'_{max} = 44.9$ $00' = \infty$
 - - $\beta' = -0.0151$ $u'_{max} = 44.9$ $00' = 2500.$
 - · - $\beta' = -0.0400$ $u'_{max} = 44.9$ $00' = 1000.$



TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.

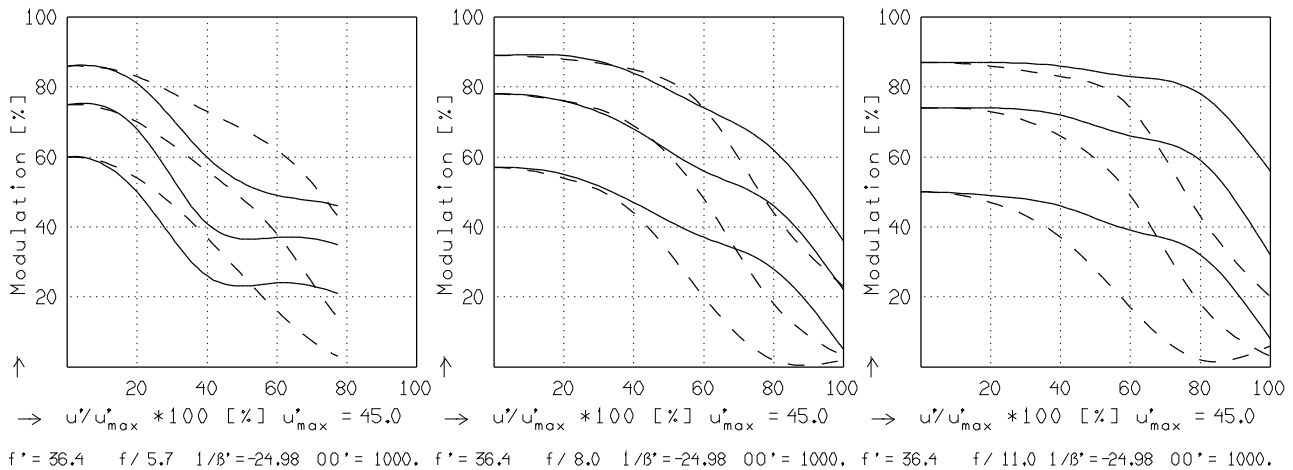
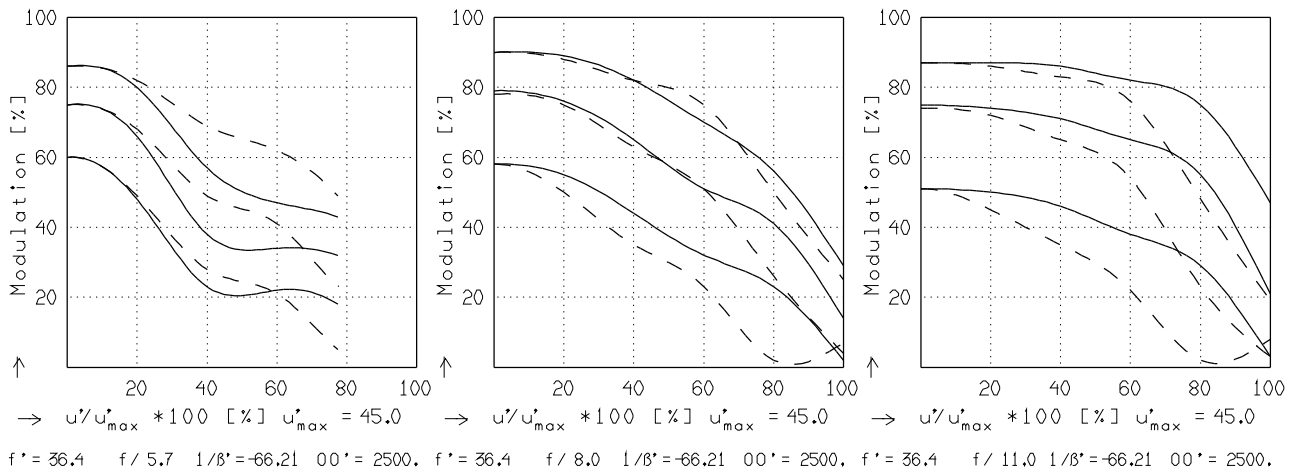
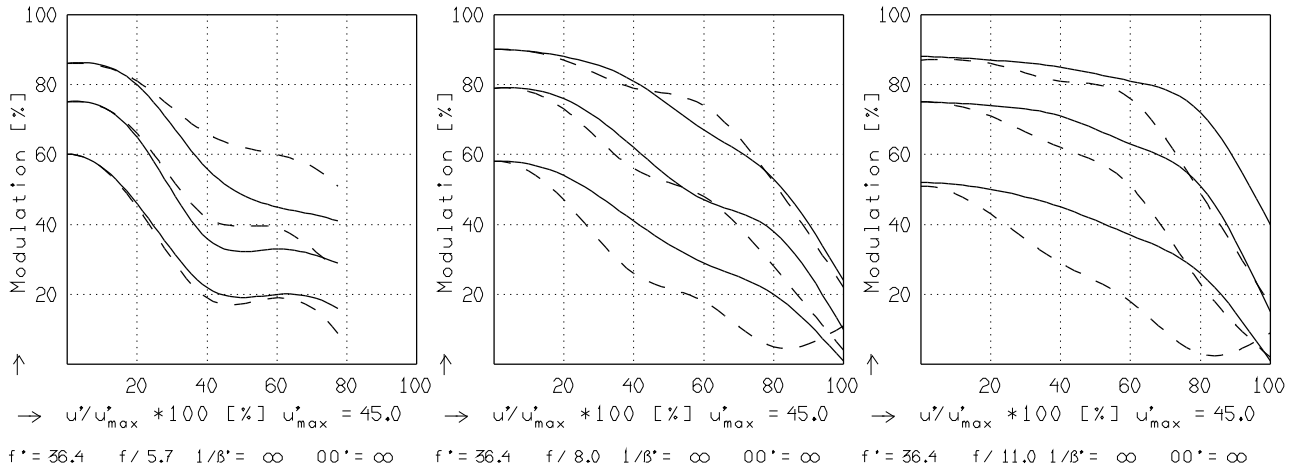
Jos. Schneider Optische Werke GmbH
 Ringstrasse 132 55543 Bad Kreuznach Germany

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MODULATION with reference to the relative image height

Wavelength λ	[nm]	520	620	670	570	470	420
Spectral weighting	[%]	19.0	19.0	10.0	19.0	19.0	14.0
Spatial frequency R	[1/mm]	15	30	60			
Image- \emptyset f / 5.7	[mm]	69.7					
Image- \emptyset f / 11.0	[mm]	90.0					

radial —
tangential - -



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