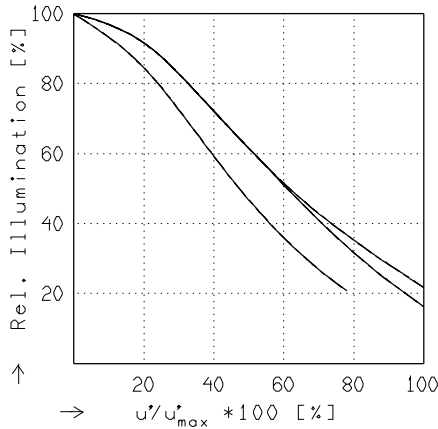
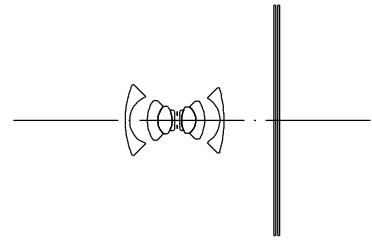


APO-DIGITAR 5.6/43

$f' = 44.6 \text{ mm}$ $\beta_p = 0.961$
 $s_F = -30.5 \text{ mm}$ $s_{EP} = 16.0 \text{ mm}$
 $s_{F'} = 2.3 \text{ mm}$ $s_{AP} = -40.6 \text{ mm}$
 $HH' = 19.5 \text{ mm}$ $\Sigma d = 76.0 \text{ mm}$

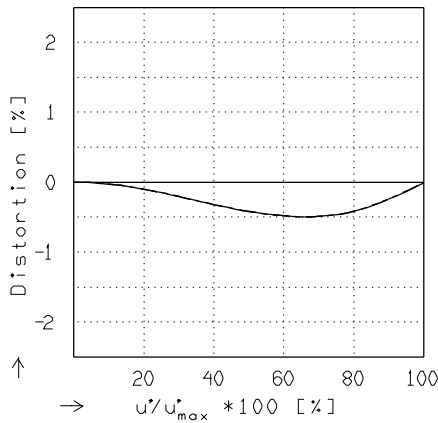


RELATIVE ILLUMINATION

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

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

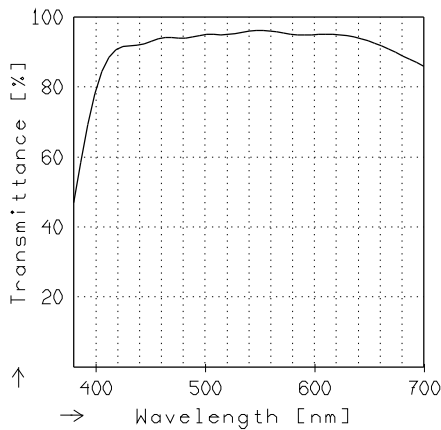
— $\beta' = 0.0000$ $u'_{max} = 55.0$ $00' = \infty$
 - - $\beta' = 0.0000$ $u'_{max} = 55.0$ $00' = \infty$
 - - - $\beta' = 0.0000$ $u'_{max} = 55.0$ $00' = \infty$



DISTORTION

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

— $\beta' = 0.0000$ $u'_{max} = 55.0$ $00' = \infty$
 - - $\beta' = 0.0000$ $u'_{max} = 55.0$ $00' = \infty$
 - - - $\beta' = 0.0000$ $u'_{max} = 55.0$ $00' = \infty$



TRANSMITTANCE

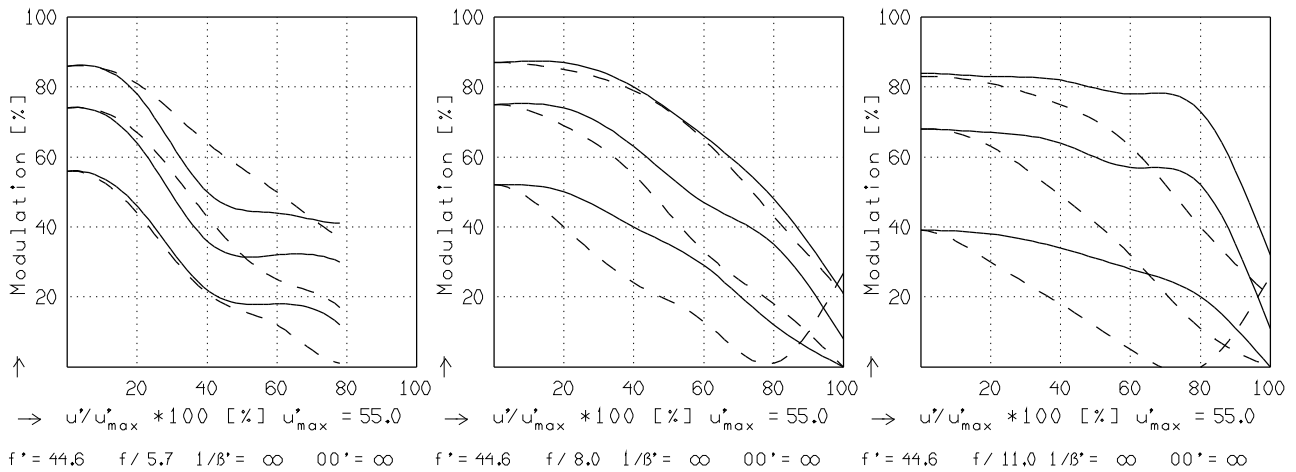
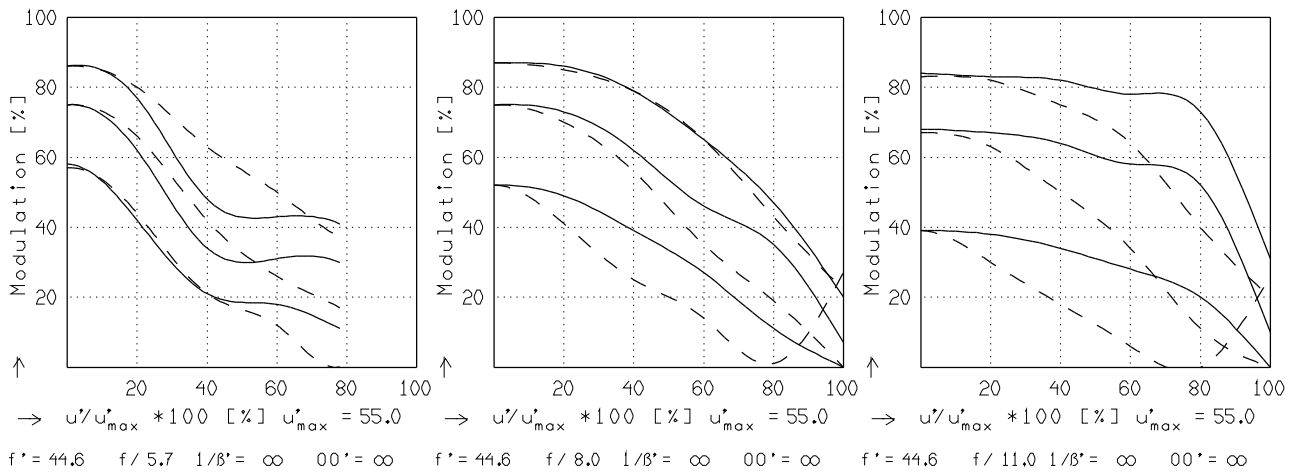
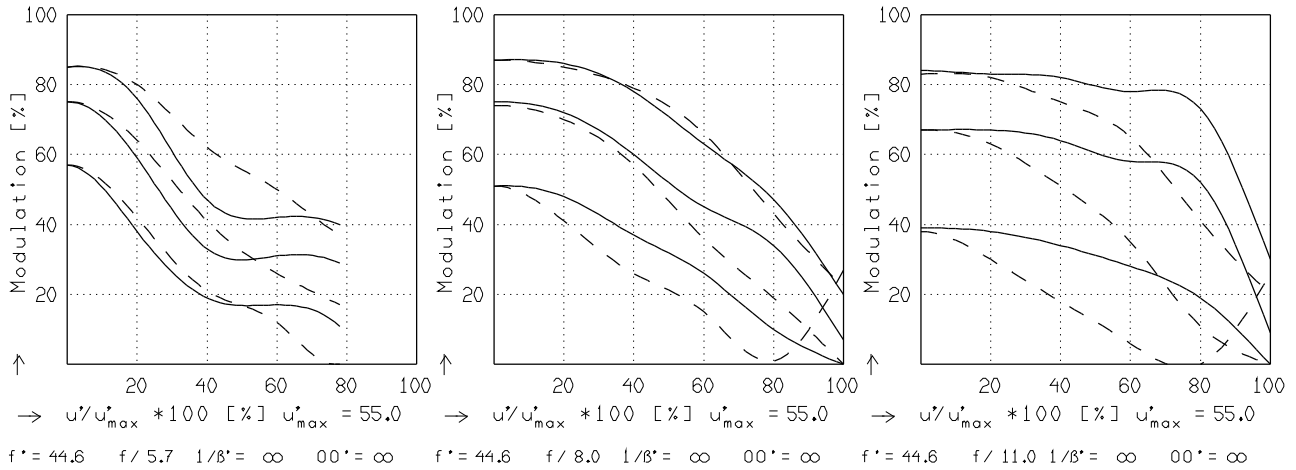
Relative spectral transmittance is shown with reference to wavelength.

APO-DIGITAR 5.6/43

MODULATION with reference to the relative image height

Wavelength λ	[nm] :	546	644	588	486	436	436
Spectral weighting	[%] :	28.7	18.9	25.8	19.2	7.4	0.0
Spatial frequency R	[1/mm] :	20	40	80			
Image- \emptyset f / 5.7	[mm] :	85.8					
Image- \emptyset f / 11.0	[mm] :	110.0					

radial —
 tangential - -



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