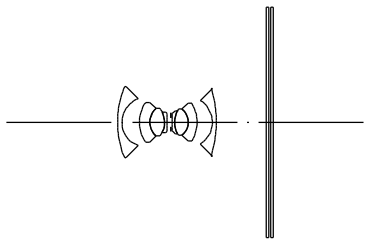
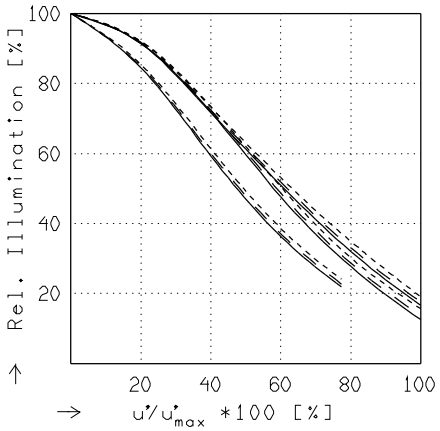
APO-DIGITAR 5.6/35 - 102°

f' =	36.4 mm	β'_P =	0.949
s_F =	-24.8 mm	s_{EP} =	13.5 mm
$s'_{F'}$ =	1.4 mm	s'_{AP} =	-33.2 mm
HH' =	16.1 mm	Σ d =	62.7 mm



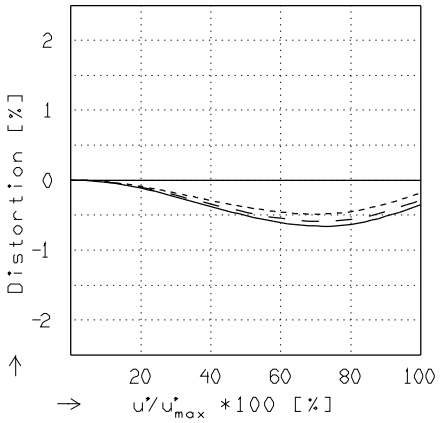


RELATIVE ILLUMINATION

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

f / 5.7 f / 8.0 f / 11.0

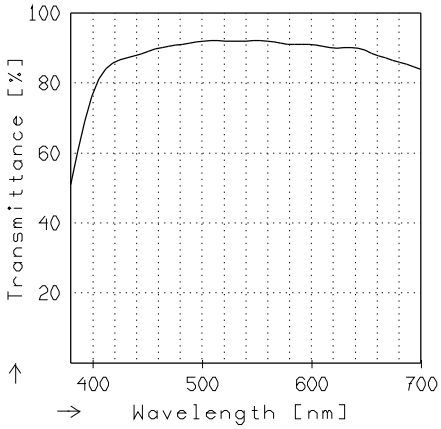
—— β' = 0.0000 u'_{max} = 44.8 OO' = ∞
— — β' = -0.0151 u'_{max} = 44.9 OO' = 2500.
----- β' = -0.0400 u'_{max} = 44.9 OO' = 1000.



DISTORTION

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

—— β' = 0.0000 u'_{max} = 44.9 OO' = ∞
— — β' = -0.0151 u'_{max} = 44.9 OO' = 2500.
----- β' = -0.0400 u'_{max} = 44.9 OO' = 1000.



TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.

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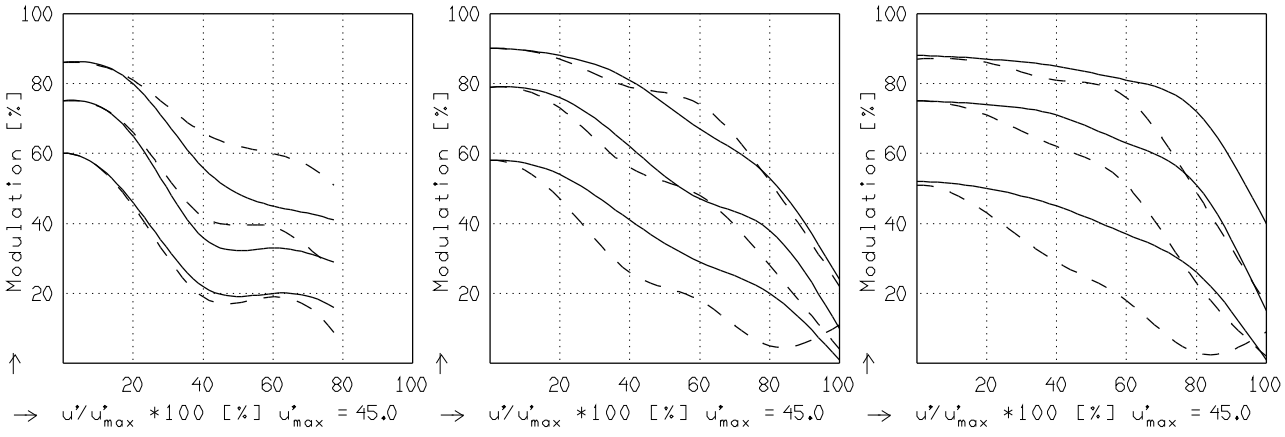
APO-DIGITAR 5.6/35 - 102°

MODULATION with reference to the relative image height

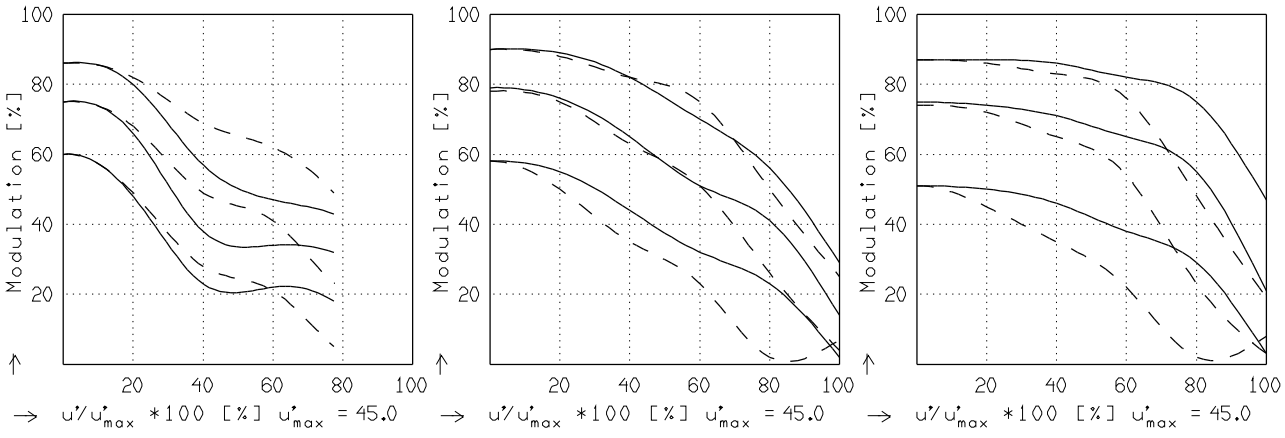
Wavelength λ [nm] :	520	620	670	570	470	420
Spectral weighting [%] :	19.0	19.0	10.0	19.0	19.0	14.0
Spatial frequency R [1/mm] :	15	30	60			
Image-Ø f / 5.7 [mm] :	69.7					
Image-Ø f / 11.0 [mm] :	90.0					

radial ——

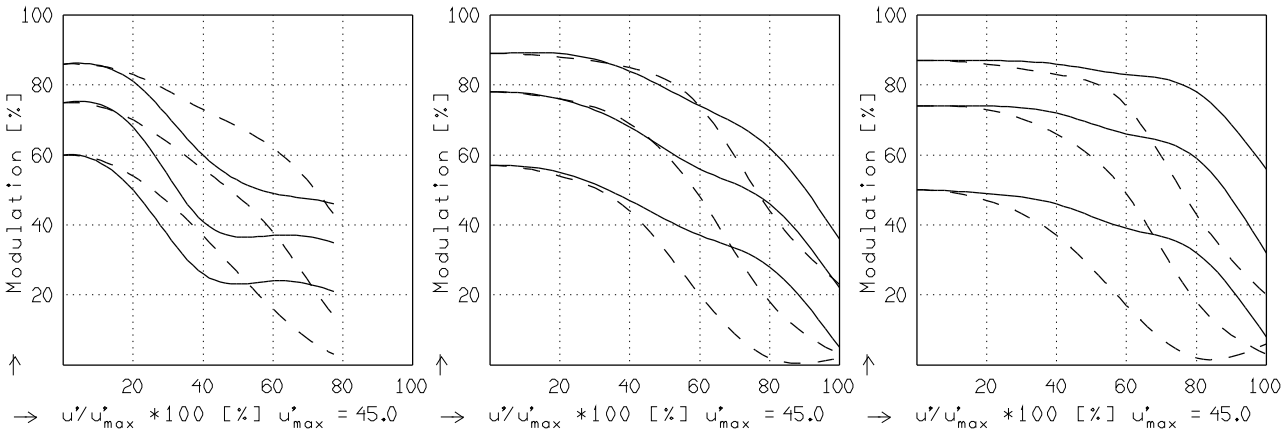
tangential — —



f' = 36.4 f/ 5.7 1/ß' = ∞ OO' = ∞ | f' = 36.4 f/ 8.0 1/ß' = ∞ OO' = ∞ | f' = 36.4 f/ 11.0 1/ß' = ∞ OO' = ∞



f' = 36.4 f/ 5.7 1/ß' = -66.21 OO' = 2500. | f' = 36.4 f/ 8.0 1/ß' = -66.21 OO' = 2500. | f' = 36.4 f/ 11.0 1/ß' = -66.21 OO' = 2500.



f' = 36.4 f/ 5.7 1/ß' = -24.98 OO' = 1000. | f' = 36.4 f/ 8.0 1/ß' = -24.98 OO' = 1000. | f' = 36.4 f/ 11.0 1/ß' = -24.98 OO' = 1000.

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

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