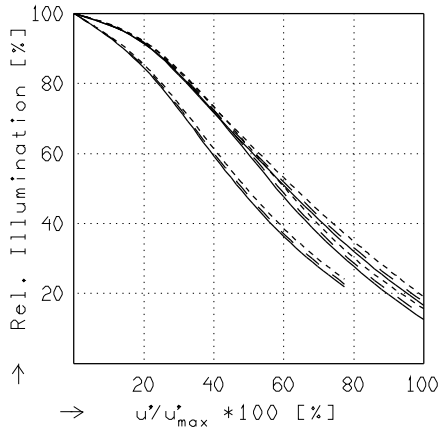
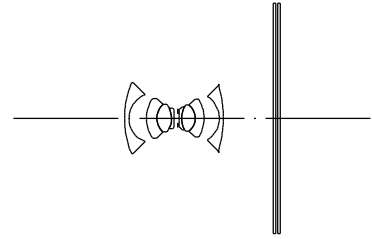


# APO-DIGITAR 5.6/35 - 102°

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

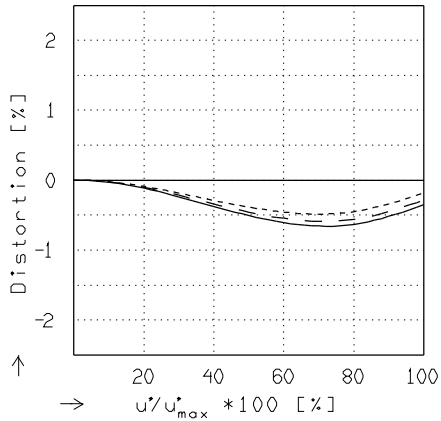


## RELATIVE ILLUMINATION

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

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

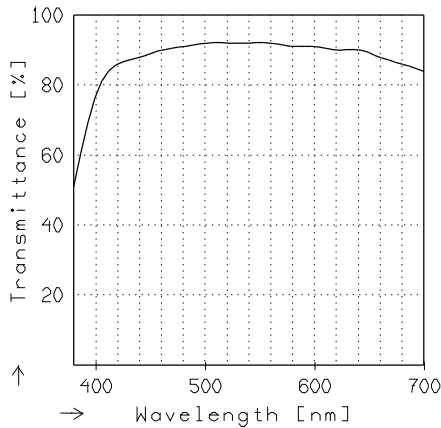
—  $\beta' = 0.0000$      $u'_{max} = 44.8$      $00' = \infty$   
 - -  $\beta' = -0.0151$      $u'_{max} = 44.9$      $00' = 2500.$   
 - · -  $\beta' = -0.0400$      $u'_{max} = 44.9$      $00' = 1000.$



## 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.

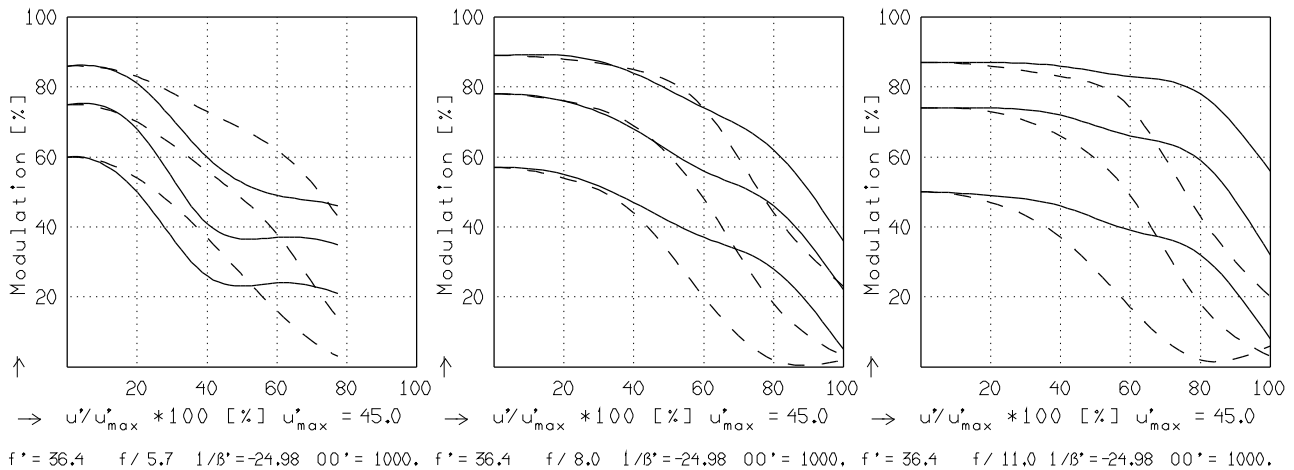
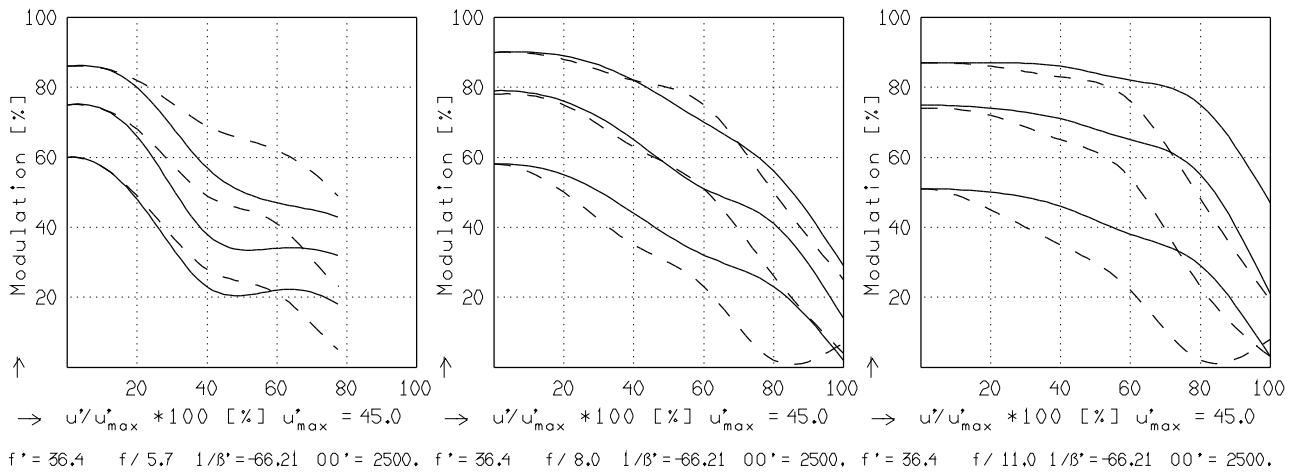
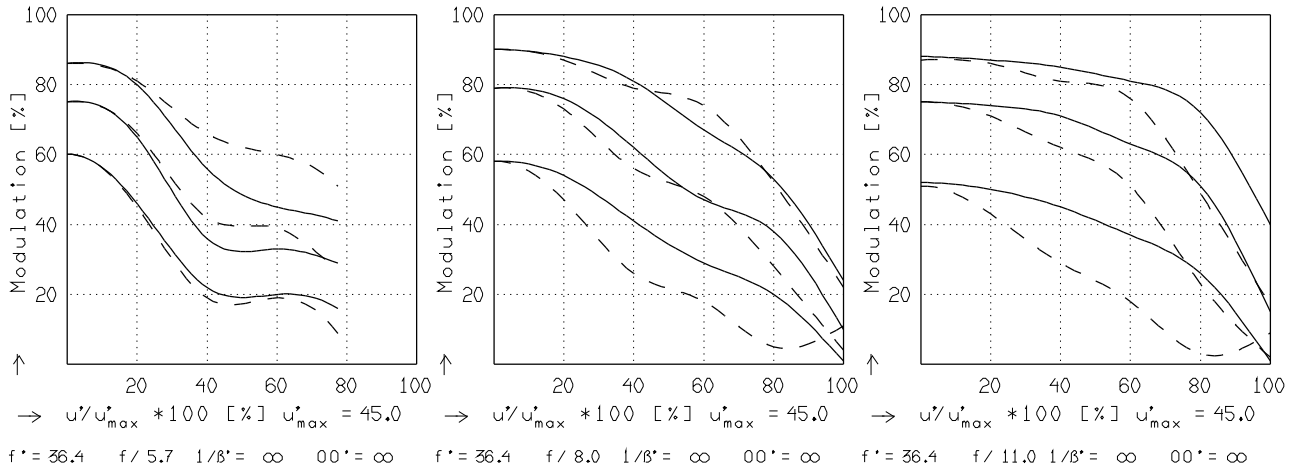
Jos. Schneider Optische Werke GmbH  
 Ringstrasse 132 55543 Bad Kreuznach Germany

AP0-DIGITAR 5.6/35 - 102°

MODULATION with reference to the relative image height

Wavelength $\lambda$	[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,  $u'/u'_{max} = 0$