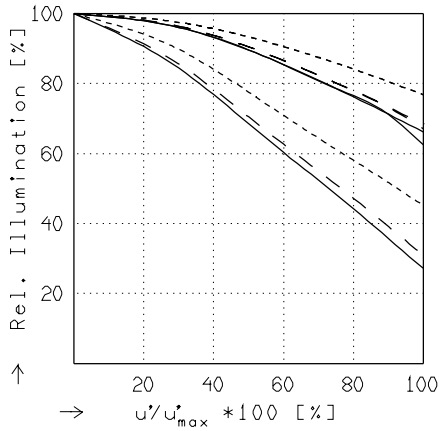
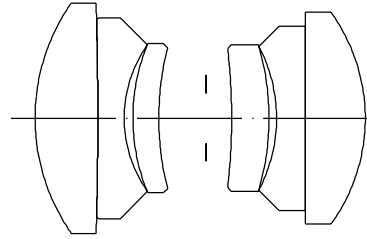


# APO-DIGITAR 4.0/80

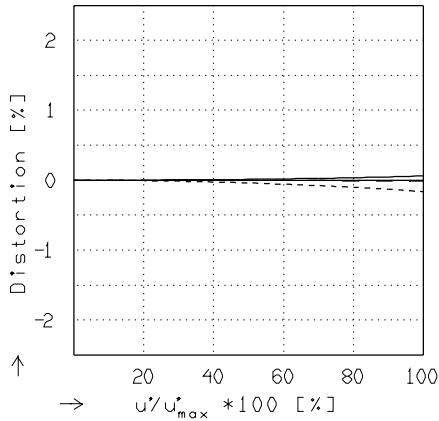
$f' = 80.3 \text{ mm}$      $\beta_p' = 1.027$   
 $s_F = -57.9 \text{ mm}$      $s_{EP} = 20.3 \text{ mm}$   
 $s_{F'} = 64.7 \text{ mm}$      $s_{A'P} = -17.9 \text{ mm}$   
 $HH' = -1.8 \text{ mm}$      $\Sigma d = 36.3 \text{ mm}$



## RELATIVE ILLUMINATION

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

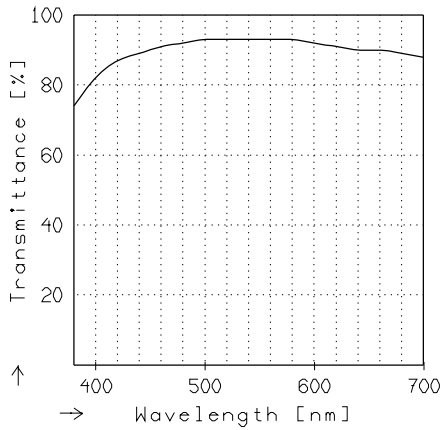
	$f / 4.0$	$f / 8.0$	$f / 11.0$
— $\beta' = -0.0500$	$u'_{max} = 40.0$	$u'_{max} = 40.0$	$00' = 1769.$
- - $\beta' = -0.1000$	$u'_{max} = 40.0$	$u'_{max} = 40.0$	$00' = 970.$
- · - $\beta' = -0.3333$	$u'_{max} = 39.9$	$u'_{max} = 39.9$	$00' = 427.$



## DISTORTION

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

— $\beta' = -0.0500$	$u'_{max} = 39.9$	$00' = 1769.$
- - $\beta' = -0.1000$	$u'_{max} = 39.9$	$00' = 970.$
- · - $\beta' = -0.3333$	$u'_{max} = 39.9$	$00' = 427.$



## TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.