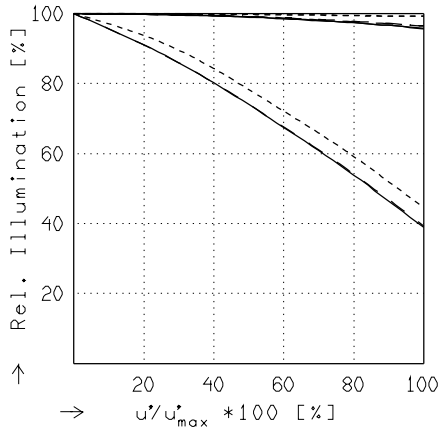
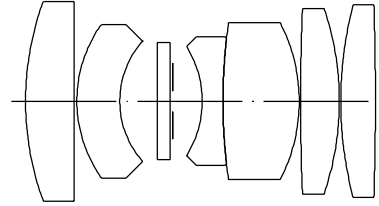


# XENOPLAN 1.4/17MM

$f' = 17.6 \text{ mm}$      $\beta_p = 2.964$   
 $s_F = 6.1 \text{ mm}$      $s_{EP} = 12.0 \text{ mm}$   
 $s_{F'} = 13.2 \text{ mm}$      $s_{AP} = -38.9 \text{ mm}$   
 $HH' = -2.8 \text{ mm}$      $\Sigma d = 25.2 \text{ mm}$

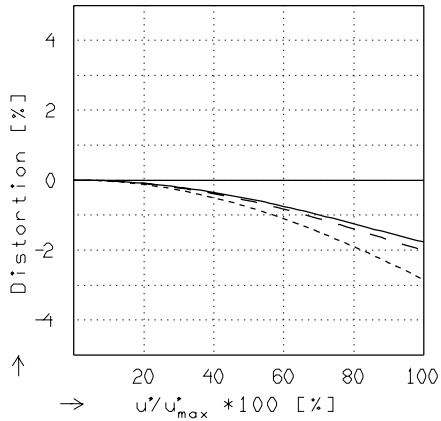


## RELATIVE ILLUMINATION

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

$f / 1.5$      $f / 4.0$      $f / 8.0$

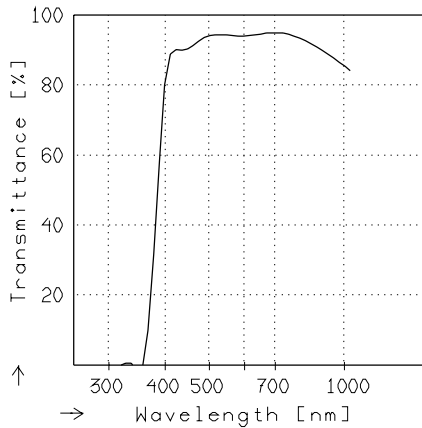
—  $\beta' = 0.0000$      $u'_{max} = 5.5$      $00' = \infty$   
 - -  $\beta' = -0.0200$      $u'_{max} = 5.5$      $00' = 911.$   
 - · -  $\beta' = -0.1000$      $u'_{max} = 5.5$      $00' = 210.$



## DISTORTION

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

—  $\beta' = 0.0000$      $u'_{max} = 5.5$      $00' = \infty$   
 - -  $\beta' = -0.0200$      $u'_{max} = 5.5$      $00' = 911.$   
 - · -  $\beta' = -0.1000$      $u'_{max} = 5.5$      $00' = 210.$



## TRANSMITTANCE

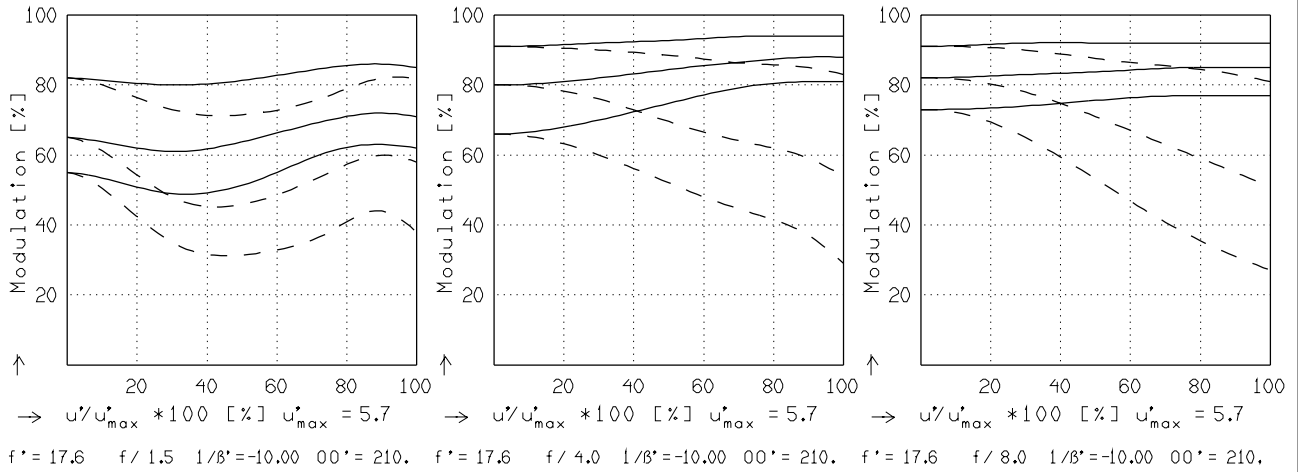
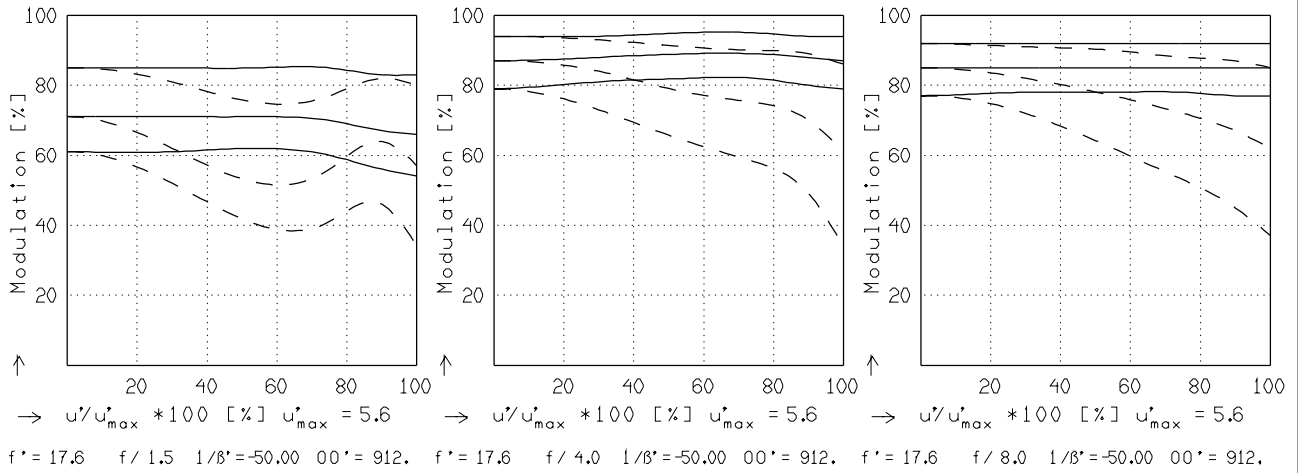
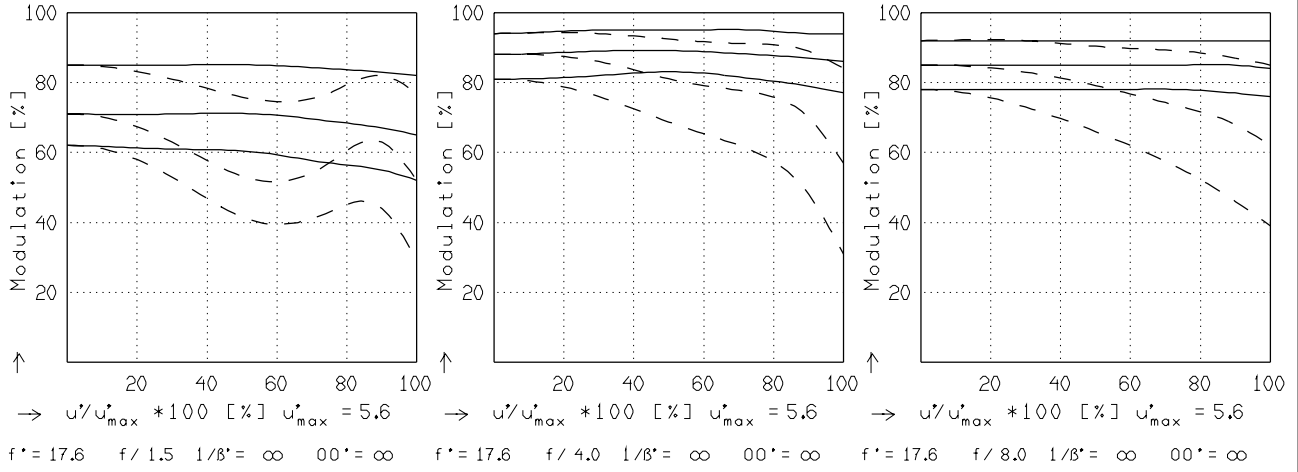
Relative spectral transmittance is shown with reference to wavelength.

XENOPLAN 1.4/17MM

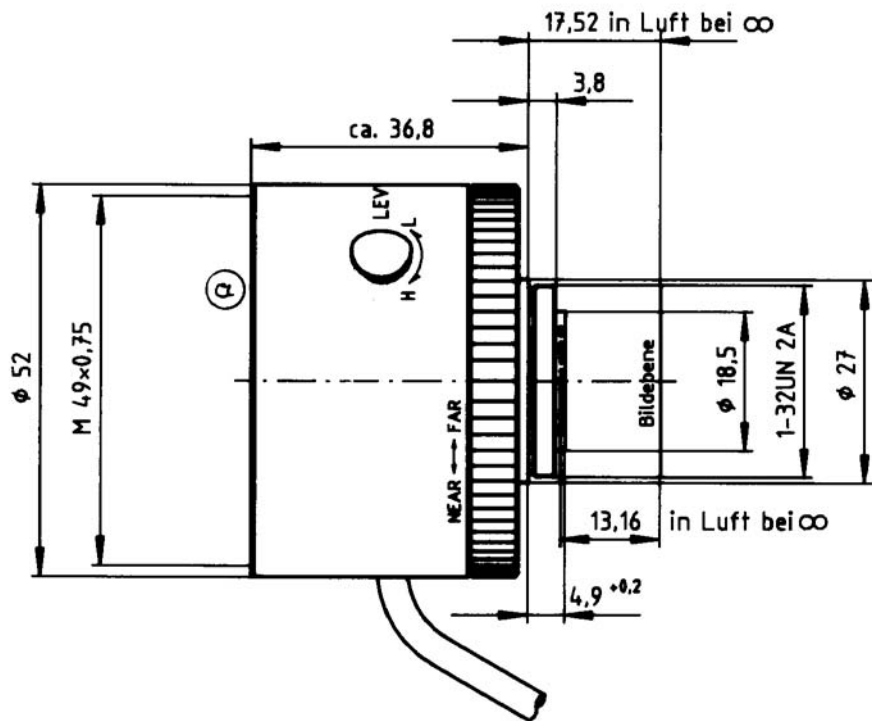
MODULATION with reference to the relative image height

Wavelength $\lambda$	[nm]	587	940	820	707	480	405
Spectral weighting	[%]	28.8	12.2	14.9	23.6	12.8	7.7
Spatial frequency R	[1/mm]	10	20	30			
Format	[mm X mm]	6.6	X	8.8			
Diagonal $2u'$	[mm]	11.0					

radial —  
tangential - -



Focusing :  $MTF_{max}$  at  $f / 1.4$  ,  $R = 30$  1/mm,  $u'/u'_{max} = 0$



Xenoplan 1,4/17 in mot. Blendenregler (VS)