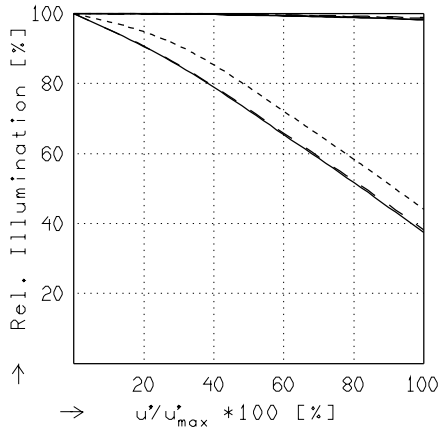
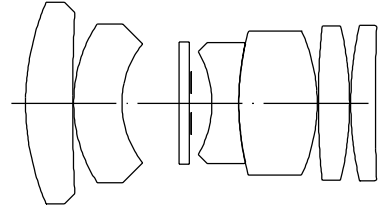


# XENOPLAN 1.4/23MM

$f' = 22.5 \text{ mm}$      $\beta_p = 2.265$   
 $s_F = 10.1 \text{ mm}$      $s_{EP} = 20.1 \text{ mm}$   
 $s_{F'} = 15.0 \text{ mm}$      $s_{AP} = -36.0 \text{ mm}$   
 $HH' = -8.9 \text{ mm}$      $\Sigma d = 31.2 \text{ mm}$

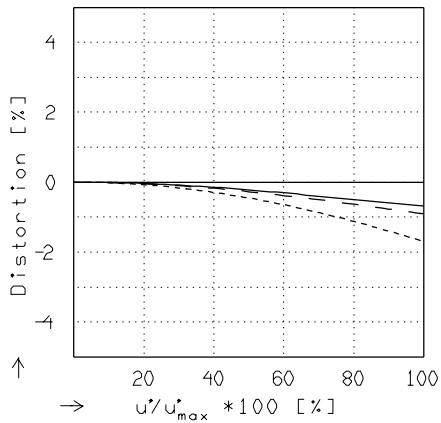


## RELATIVE ILLUMINATION

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

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

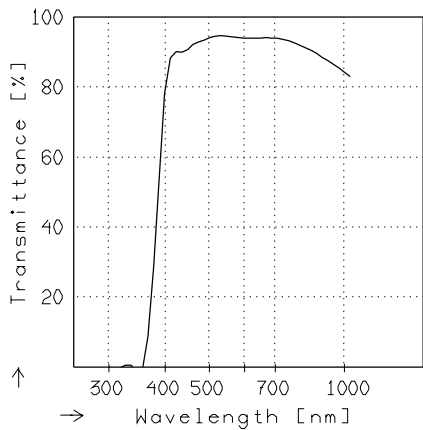
—  $\beta' = 0.0000$      $u'_{max} = 5.5$      $00' = \infty$   
 - -  $\beta' = -0.0200$      $u'_{max} = 5.5$      $00' = 1162.$   
 .....  $\beta' = -0.1000$      $u'_{max} = 5.5$      $00' = 263.$



## DISTORTION

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

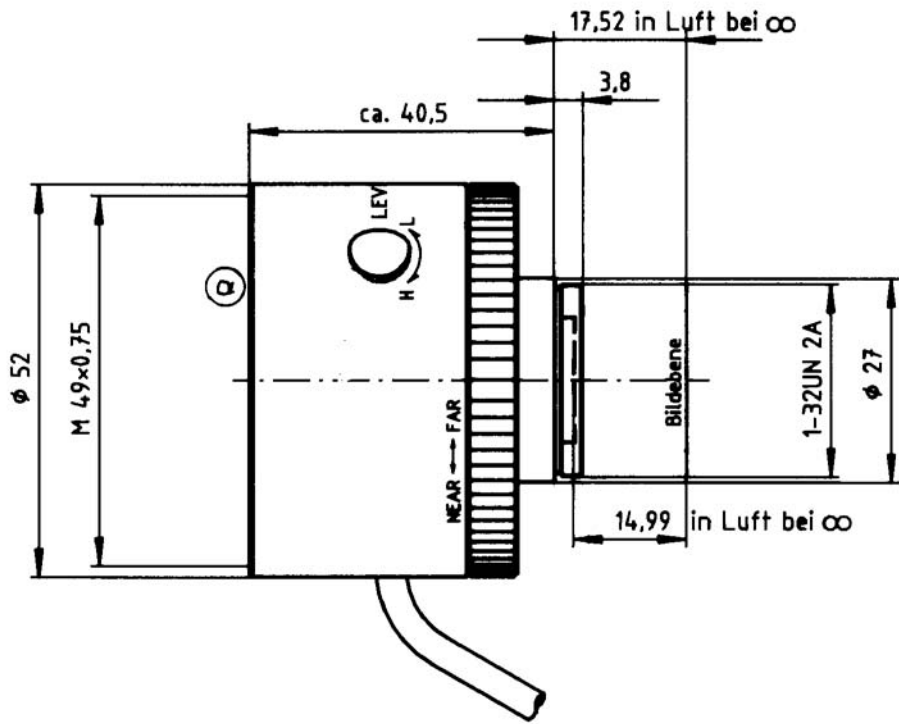
—  $\beta' = 0.0000$      $u'_{max} = 5.5$      $00' = \infty$   
 - -  $\beta' = -0.0200$      $u'_{max} = 5.5$      $00' = 1162.$   
 .....  $\beta' = -0.1000$      $u'_{max} = 5.5$      $00' = 263.$



## TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.





Xenoplan 1,4/23 in mot. Blendenregler (VS)