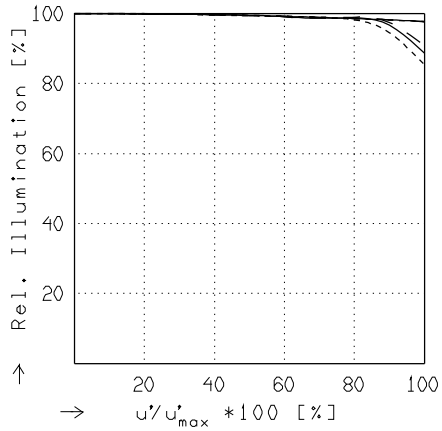
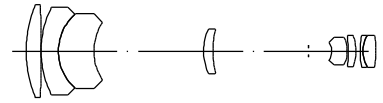


XENOPLAN 1:5/0.13

$f' = 10061. \text{ mm}$ $\beta_p = -78.212$
 $s_F = 50057. \text{ mm}$ $s_{EP} = 49929. \text{ mm}$
 $s_{F'} = -1968. \text{ mm}$ $s_{A'P} = 784917. \text{ mm}$
 $HH' = -71889. \text{ mm}$ $\Sigma d = 258.5 \text{ mm}$

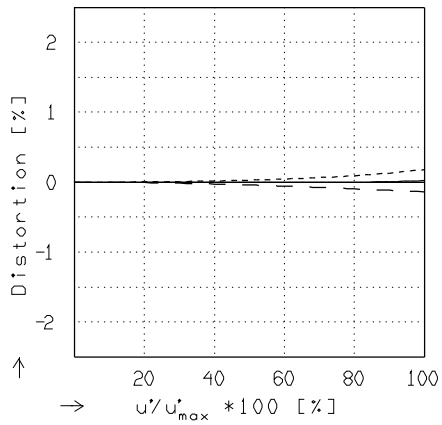


RELATIVE ILLUMINATION

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

$f / 3.9$ $f / 8.0$

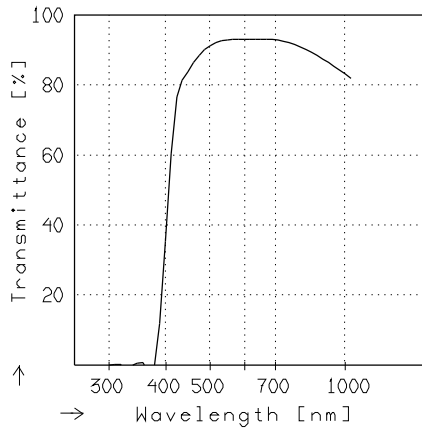
— $\beta' = -0.1999$ $u'_{max} = 5.5$ $00' = 572.$
 - - $\beta' = -0.2001$ $u'_{max} = 5.5$ $00' = 524.$
 - - - $\beta' = -0.1997$ $u'_{max} = 5.5$ $00' = 620.$



DISTORTION

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

— $\beta' = -0.1999$ $u'_{max} = 5.5$ $00' = 572.$
 - - $\beta' = -0.2001$ $u'_{max} = 5.5$ $00' = 524.$
 - - - $\beta' = -0.1997$ $u'_{max} = 5.5$ $00' = 620.$



TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.