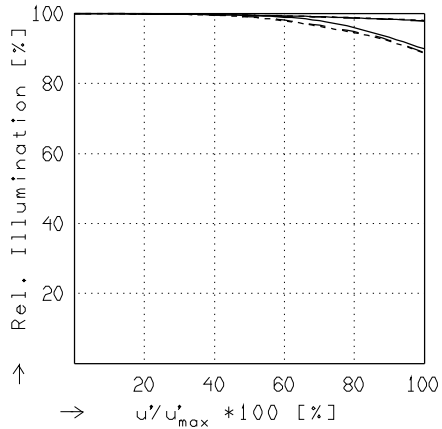
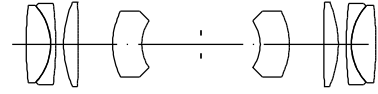


XENOPLAN 1:1/0.14

$f' = 14451. \text{ mm}$ $\beta_p = 1.000$
 $s_F = 14377. \text{ mm}$ $s_{EP} = 28827. \text{ mm}$
 $s_{F'} = -14377. \text{ mm}$ $s_{A'P} = -28827. \text{ mm}$
 $HH' = -57518. \text{ mm}$ $\Sigma d = 137.0 \text{ mm}$

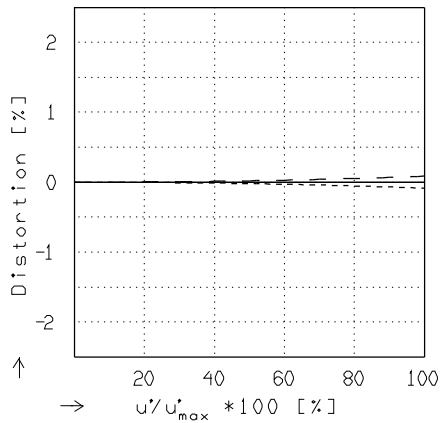


RELATIVE ILLUMINATION

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

$f / 1.8$ $f / 4.0$

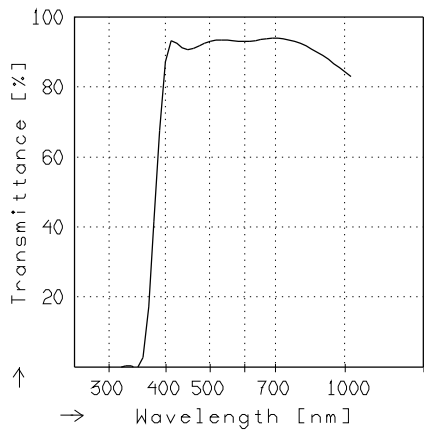
— $\beta' = -1.0000$ $u'_{max} = 5.5$ $00' = 284.$
 - - $\beta' = -1.0005$ $u'_{max} = 5.5$ $00' = 284.$
 - - - $\beta' = -0.9995$ $u'_{max} = 5.5$ $00' = 284.$



DISTORTION

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

— $\beta' = -1.0000$ $u'_{max} = 5.5$ $00' = 284.$
 - - $\beta' = -1.0005$ $u'_{max} = 5.5$ $00' = 284.$
 - - - $\beta' = -0.9995$ $u'_{max} = 5.5$ $00' = 284.$



TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.