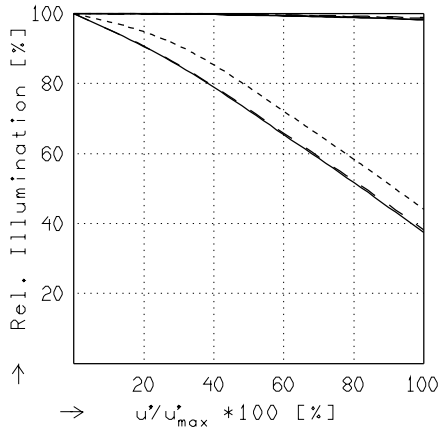
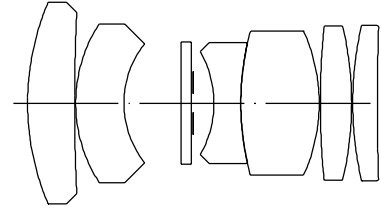


XENOPLAN 1.4/23MM

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

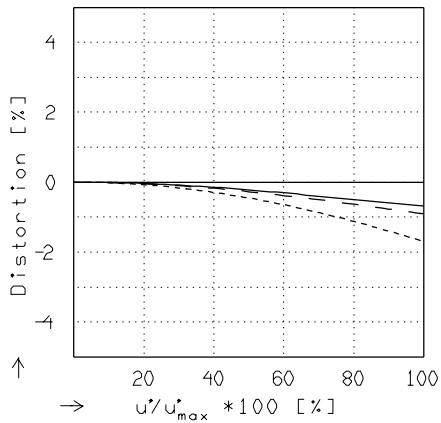


RELATIVE ILLUMINATION

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

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

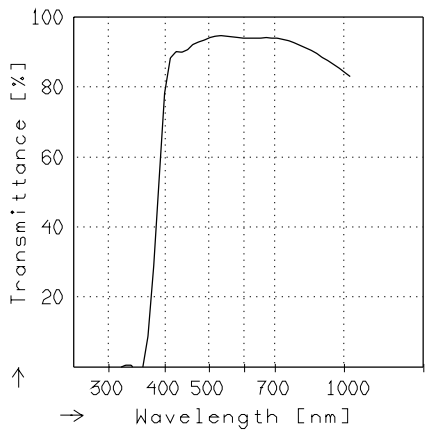
— $\beta' = 0.0000$ $u'_{max} = 5.5$ $00' = \infty$
 - - $\beta' = -0.0200$ $u'_{max} = 5.5$ $00' = 1162.$
 $\beta' = -0.1000$ $u'_{max} = 5.5$ $00' = 263.$



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.