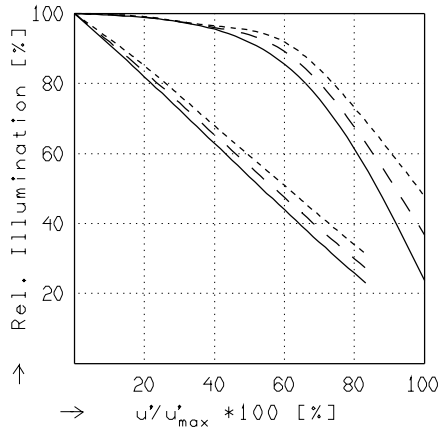
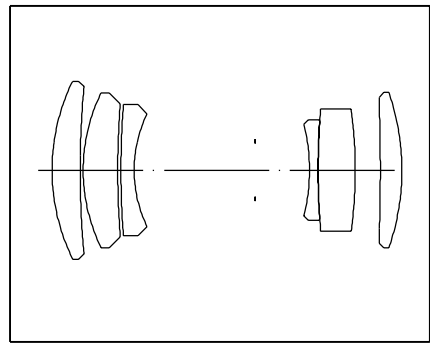


R4749.5 APO-TXR 11/800

$f' = 796.6 \text{ mm}$ $\beta_p = 0.798$
 $s_F = -862.3 \text{ mm}$ $s_{EP} = 136.3 \text{ mm}$
 $s_{F'} = 563.3 \text{ mm}$ $s_{AP} = -72.2 \text{ mm}$
 $HH' = -5.6 \text{ mm}$ $\Sigma d = 162.0 \text{ mm}$

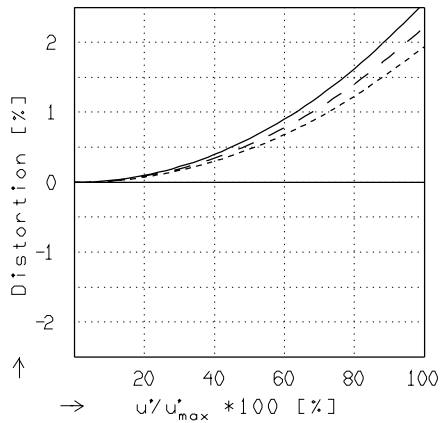


RELATIVE ILLUMINATION

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

$f / 12.0$ $f / 22.0$

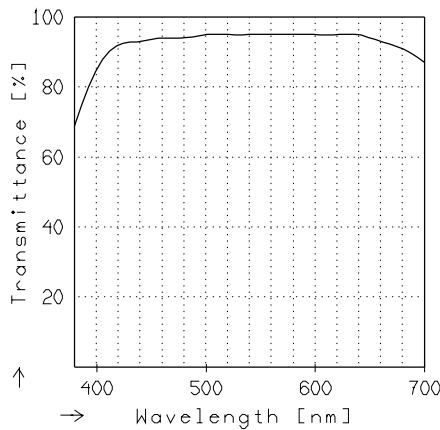
— $\beta' = 0.0000$ $u'_{max} = 246.2$ $00' = \infty$
 - - $\beta' = -0.0500$ $u'_{max} = 245.3$ $00' = 17559.$
 - · - $\beta' = -0.1000$ $u'_{max} = 244.6$ $00' = 9633.$



DISTORTION

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

— $\beta' = 0.0000$ $u'_{max} = 244.6$ $00' = \infty$
 - - $\beta' = -0.0500$ $u'_{max} = 244.6$ $00' = 17559.$
 - · - $\beta' = -0.1000$ $u'_{max} = 244.6$ $00' = 9633.$



TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.

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