

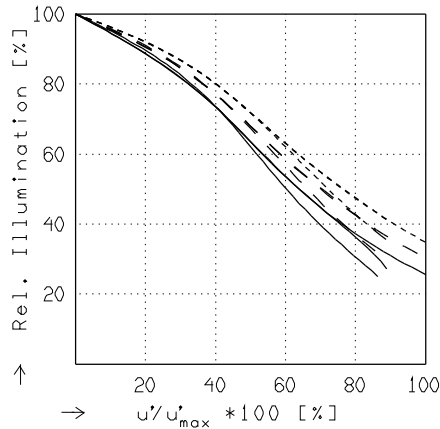
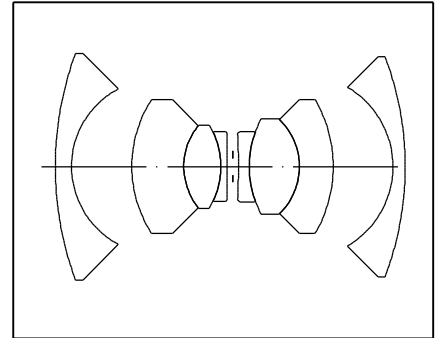
R 4490.7 SAN 6.8/90

$f' = 90.7 \text{ mm}$ $\beta'_p = 0.972$

$s_F = -63.7 \text{ mm}$ $s_{EP} = 29.5 \text{ mm}$

$s_{F'} = 59.7 \text{ mm}$ $s_{A'P} = -28.5 \text{ mm}$

$HH' = 36.2 \text{ mm}$ $\Sigma d = 94.2 \text{ mm}$

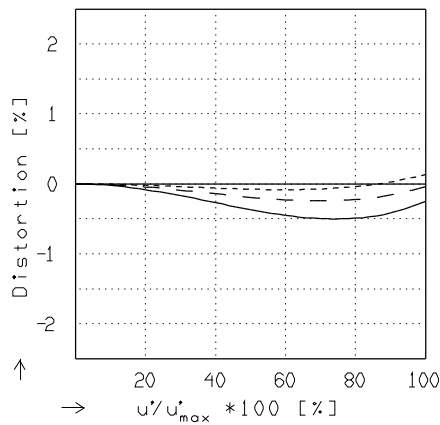


RELATIVE ILLUMINATION

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

$f / 6.8$ $f / 8.0$ $f / 22.0$

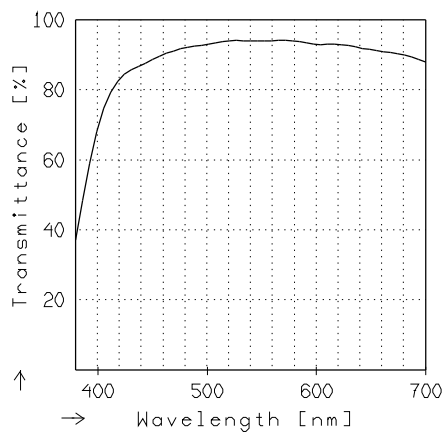
— $\beta' = 0.0000$ $u'_{max} = 107.8$ $00' = \infty$
 - - $\beta' = -0.1000$ $u'_{max} = 108.1$ $00' = 1134.$
 - · - $\beta' = -0.2000$ $u'_{max} = 108.2$ $00' = 689.$



DISTORTION

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

— $\beta' = 0.0000$ $u'_{max} = 108.2$ $00' = \infty$
 - - $\beta' = -0.1000$ $u'_{max} = 108.2$ $00' = 1134.$
 - · - $\beta' = -0.2000$ $u'_{max} = 108.2$ $00' = 689.$



TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.