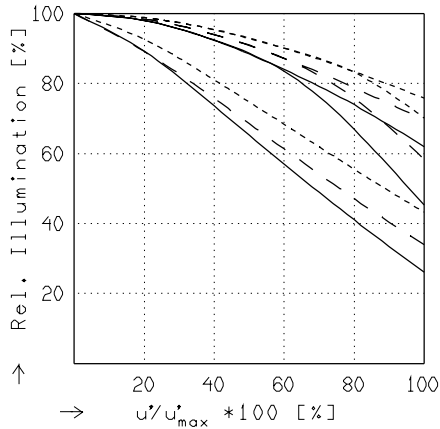
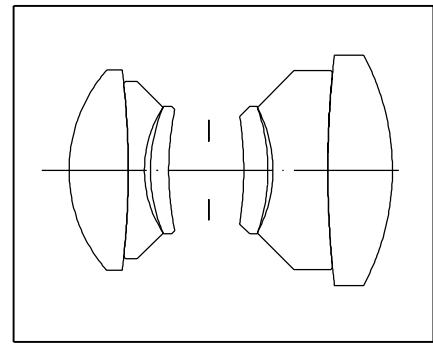


APO-COMPONON 4/60

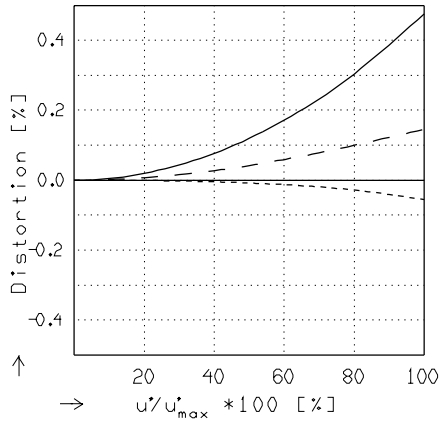
$f' = 59.9 \text{ mm}$ $\beta_p = 0.970$
 $s_F = -47.1 \text{ mm}$ $s_{EP} = 14.6 \text{ mm}$
 $s_{F'} = 40.9 \text{ mm}$ $s_{AP} = -17.3 \text{ mm}$
 $HH' = -1.9 \text{ mm}$ $\Sigma d = 30.0 \text{ mm}$



RELATIVE ILLUMINATION

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

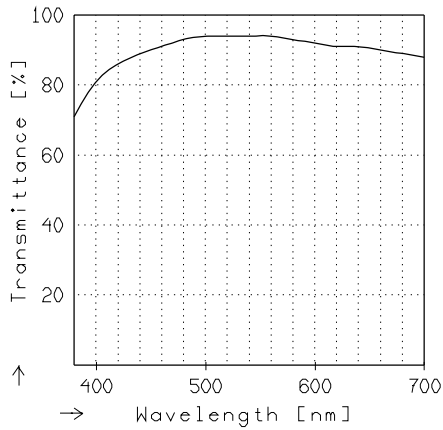
	$f / 4.0$	$f / 5.6$	$f / 8.0$
—	$\beta' = -0.0400$	$u'_{max} = 30.1$	$00' = 1619.$
- -	$\beta' = -0.1667$	$u'_{max} = 30.0$	$00' = 488.$
- · - ·	$\beta' = -0.3333$	$u'_{max} = 30.0$	$00' = 318.$



DISTORTION

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

—	$\beta' = -0.0400$	$u'_{max} = 30.0$	$00' = 1619.$
- -	$\beta' = -0.1667$	$u'_{max} = 30.0$	$00' = 488.$
- · - ·	$\beta' = -0.3333$	$u'_{max} = 30.0$	$00' = 318.$



TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.