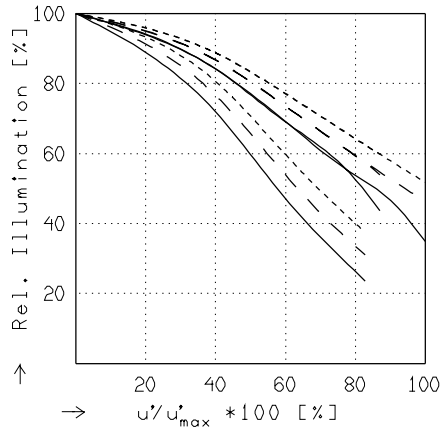
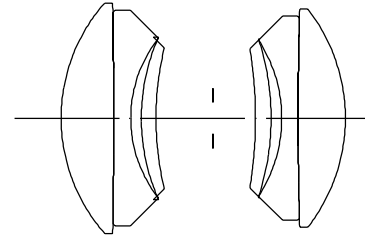


## AP0-SYMMAR 5.6/120

$f' = 123.4 \text{ mm}$      $\beta_p = 0.984$   
 $s_F = -102.1 \text{ mm}$      $s_{EP} = 23.4 \text{ mm}$   
 $s_{F'} = 102.1 \text{ mm}$      $s_{AP} = -19.3 \text{ mm}$   
 $HH' = -2.7 \text{ mm}$      $\Sigma d = 40.0 \text{ mm}$

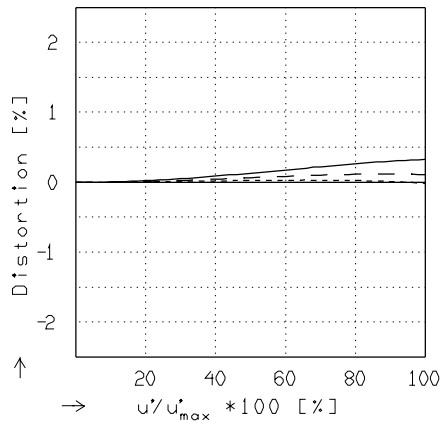


### RELATIVE ILLUMINATION

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

$f / 5.6$        $f / 11.0$        $f / 22.0$

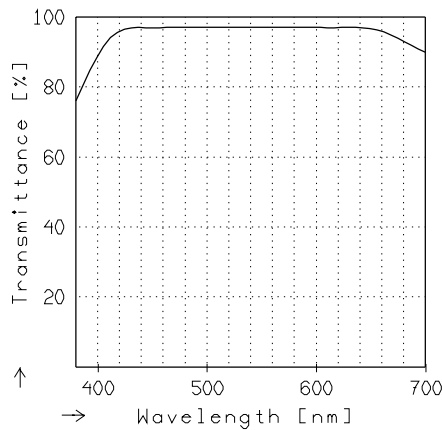
—  $\beta' = 0.0000$      $u'_{max} = 89.8$      $00' = \infty$   
 - -  $\beta' = -0.1000$      $u'_{max} = 89.6$      $00' = 1491.$   
 - · -  $\beta' = -0.2000$      $u'_{max} = 89.5$      $00' = 886.$



### DISTORTION

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

—  $\beta' = 0.0000$      $u'_{max} = 89.8$      $00' = \infty$   
 - -  $\beta' = -0.1000$      $u'_{max} = 89.6$      $00' = 1491.$   
 - · -  $\beta' = -0.2000$      $u'_{max} = 89.5$      $00' = 886.$



### TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.

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