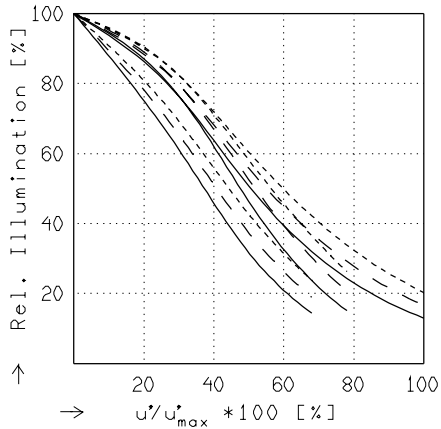
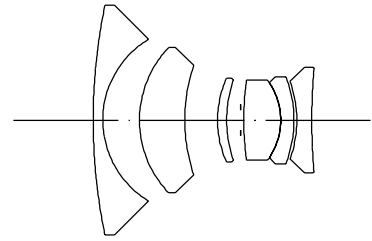


**SUPER-SYMMAR XL 5.6/150 ASPH.**

$f' = 148.1 \text{ mm}$      $\beta_p = 1.027$   
 $s_F = -107.6 \text{ mm}$      $s_{EP} = 36.6 \text{ mm}$   
 $s_{F'} = 135.9 \text{ mm}$      $s_{A'P} = -16.1 \text{ mm}$   
 $HH' = 24.8 \text{ mm}$      $\Sigma d = 77.4 \text{ mm}$

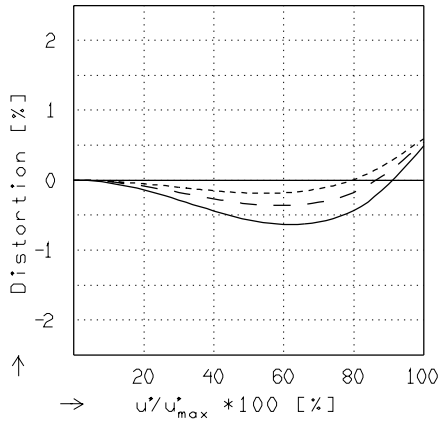


**RELATIVE ILLUMINATION**

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

$f / 5.6$        $f / 8.0$        $f / 22.0$

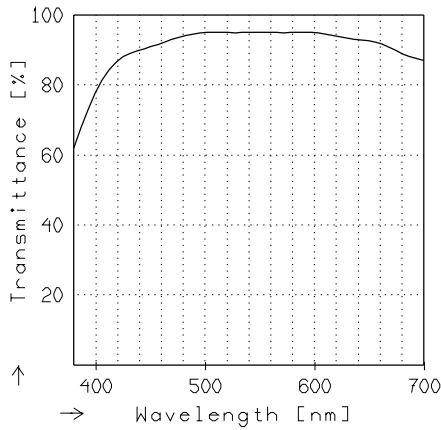
—  $\beta' = 0.0000$      $u'_{max} = 193.9$      $00' = \infty$   
 - -  $\beta' = -0.1000$      $u'_{max} = 194.0$      $00' = 1816.$   
 - · -  $\beta' = -0.2000$      $u'_{max} = 194.2$      $00' = 1091.$



**DISTORTION**

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

—  $\beta' = 0.0000$      $u'_{max} = 193.9$      $00' = \infty$   
 - -  $\beta' = -0.1000$      $u'_{max} = 194.0$      $00' = 1816.$   
 - · -  $\beta' = -0.2000$      $u'_{max} = 194.2$      $00' = 1091.$



**TRANSMITTANCE**

Relative spectral transmittance is shown with reference to wavelength.

Jos. Schneider Optische Werke GmbH  
 Ringstrasse 132 55543 Bad Kreuznach Germany