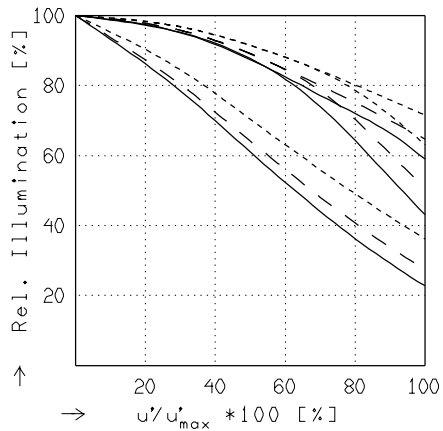
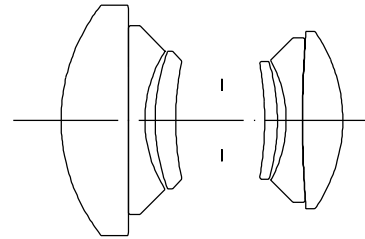


# COMPONON-S 5.6/135

$$\begin{aligned} f' &= 135.7 \text{ mm} & \beta_p' &= 0.987 \\ s_F &= -109.2 \text{ mm} & s_{EP} &= 28.4 \text{ mm} \\ s_{F'} &= 112.7 \text{ mm} & s_{AP}' &= -21.2 \text{ mm} \\ HH' &= -3.0 \text{ mm} & \Sigma d &= 46.6 \text{ mm} \end{aligned}$$

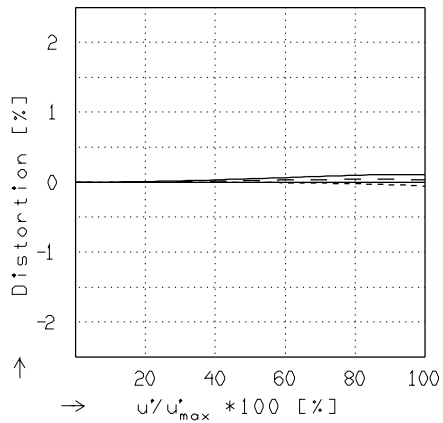


## RELATIVE ILLUMINATION

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

$$f / 5.6 \quad f / 8.0 \quad f / 11.0$$

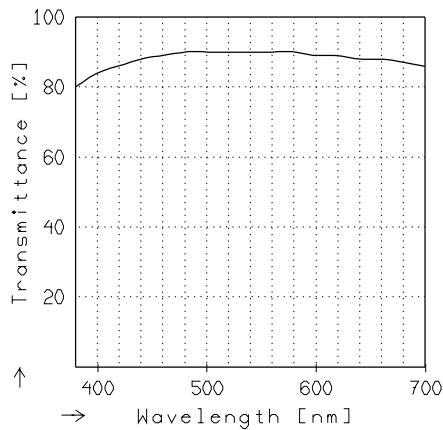
$$\begin{aligned} \text{—} \quad \beta' &= -0.0833 & u_{\max}' &= 75.6 & 00' &= 1908. \\ \text{--} \quad \beta' &= -0.1667 & u_{\max}' &= 75.5 & 00' &= 1105. \\ \text{-.-} \quad \beta' &= -0.3333 & u_{\max}' &= 75.5 & 00' &= 721. \end{aligned}$$



## DISTORTION

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

$$\begin{aligned} \text{—} \quad \beta' &= -0.0833 & u_{\max}' &= 75.6 & 00' &= 1908. \\ \text{--} \quad \beta' &= -0.1667 & u_{\max}' &= 75.5 & 00' &= 1105. \\ \text{-.-} \quad \beta' &= -0.3333 & u_{\max}' &= 75.5 & 00' &= 721. \end{aligned}$$



## TRANSMITTANCE

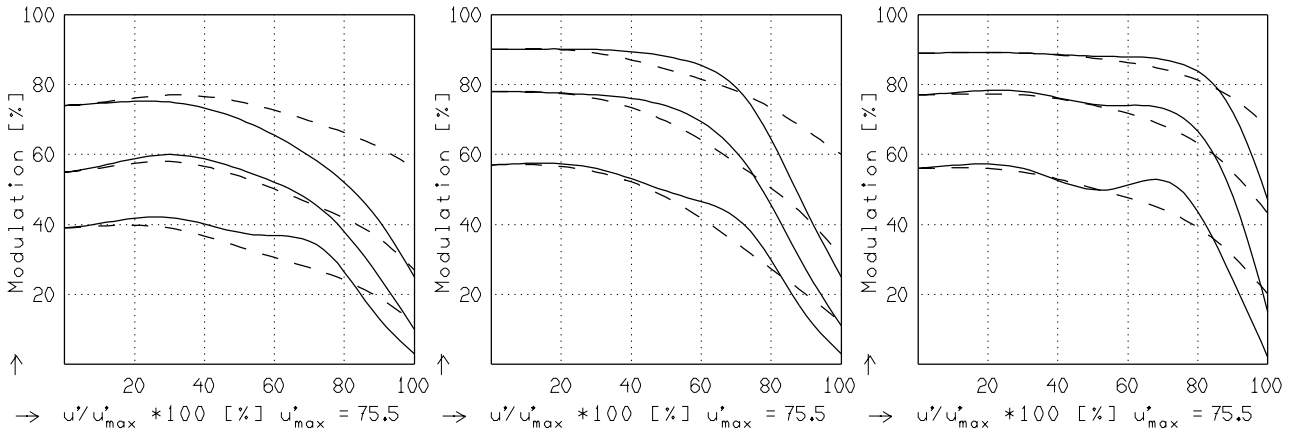
Relative spectral transmittance is shown with reference to wavelength.

# COMPONON-S 5.6/135

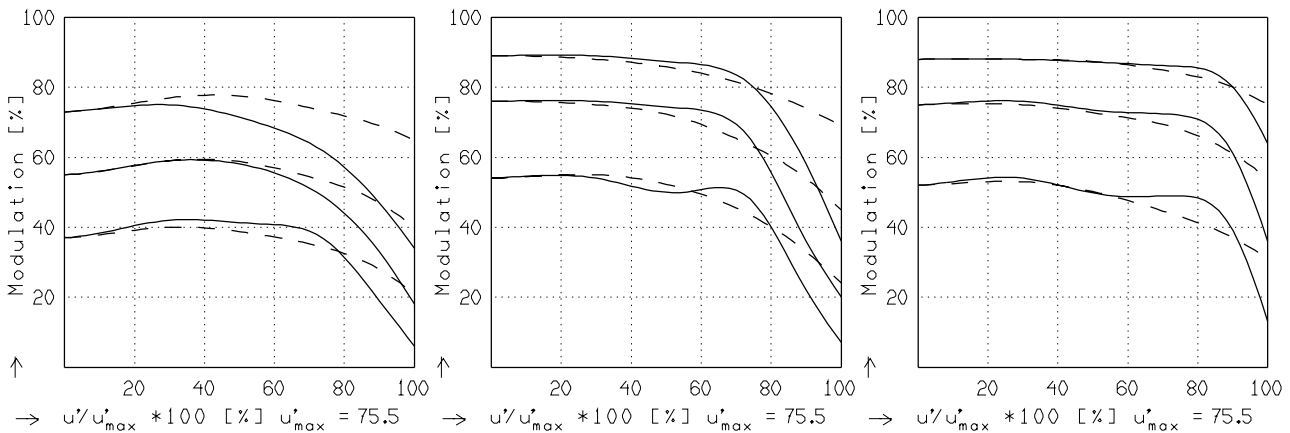
MODULATION with reference to the relative image height

Wavelength  $\lambda$  [nm] : 546 706 644 480 436 405  
 Spectral weighting [%] : 27.4 12.4 24.1 18.3 12.6 5.2  
 Spatial frequency R [1/mm] : 10 20 40  
 Format [mm X mm] : 94.0 X118.0  
 Diagonal  $2u'$  [mm] : 150.9

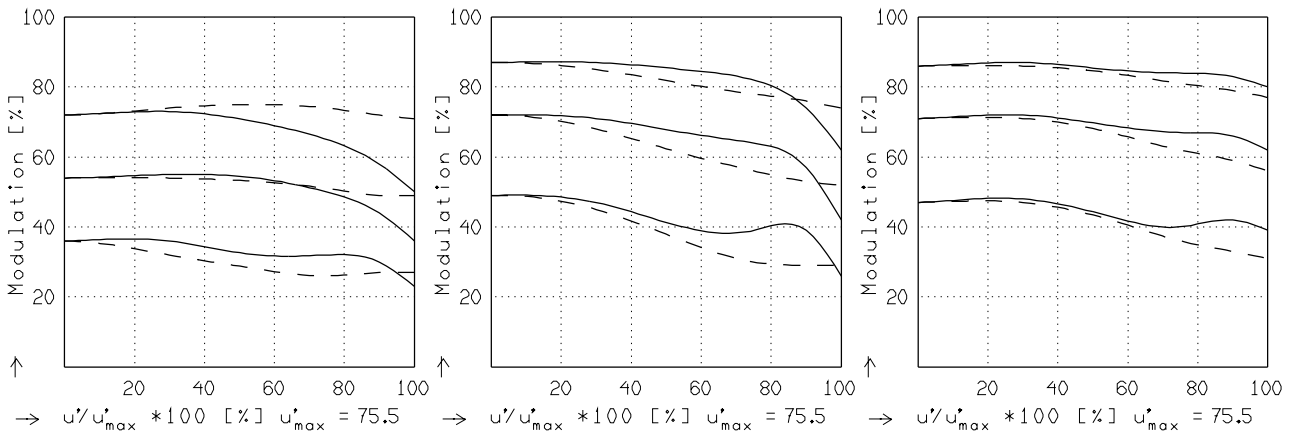
radial —  
 tangential - -



$f' = 135.7$   $f / 5.6$   $1/\beta' = -12.00$   $00' = 1908.$   $f' = 135.7$   $f / 8.0$   $1/\beta' = -12.00$   $00' = 1908.$   $f' = 135.7$   $f / 11.0$   $1/\beta' = -12.00$   $00' = 1908.$



$f' = 135.7$   $f / 5.6$   $1/\beta' = -6.00$   $00' = 1105.$   $f' = 135.7$   $f / 8.0$   $1/\beta' = -6.00$   $00' = 1105.$   $f' = 135.7$   $f / 11.0$   $1/\beta' = -6.00$   $00' = 1105.$



$f' = 135.7$   $f / 5.6$   $1/\beta' = -3.00$   $00' = 721.$   $f' = 135.7$   $f / 8.0$   $1/\beta' = -3.00$   $00' = 721.$   $f' = 135.7$   $f / 11.0$   $1/\beta' = -3.00$   $00' = 721.$

Focusing :  $MTF_{\max}$  at  $f / 5.6$  ,  $R = 20$  1/mm,  $u'/u'_{\max} = 0$

