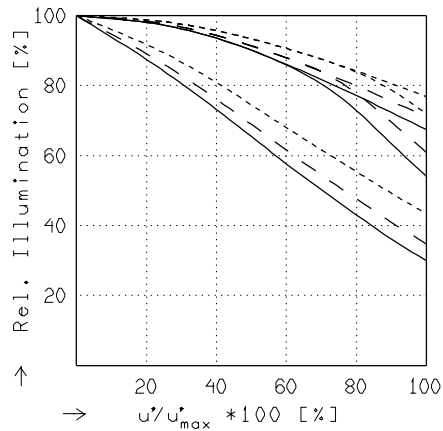
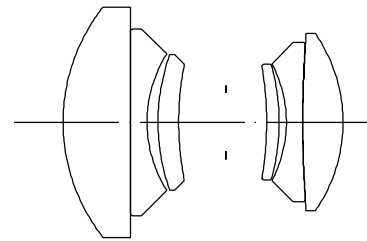


COMPONON-S 5.6/210

$$\begin{aligned} f' &= 210.2 \text{ mm} & \beta_p' &= 0.984 \\ s_F &= -169.1 \text{ mm} & s_{EP} &= 44.5 \text{ mm} \\ s_{F'} &= 175.3 \text{ mm} & s_{AP}' &= -31.6 \text{ mm} \\ HH' &= -4.4 \text{ mm} & \Sigma d &= 71.7 \text{ mm} \end{aligned}$$

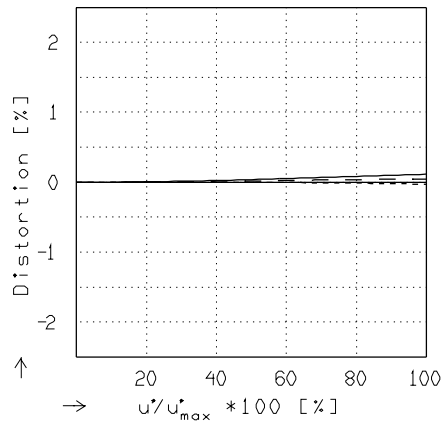


RELATIVE ILLUMINATION

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

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

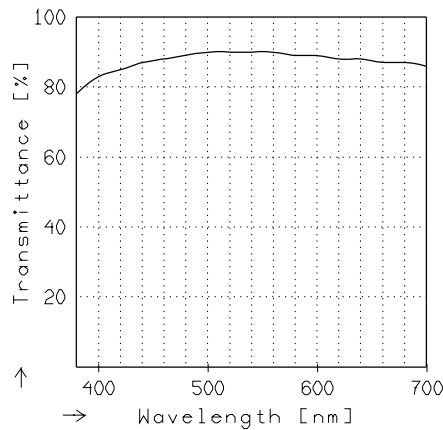
$$\begin{aligned} \text{—} \quad \beta' &= -0.0833 & u_{\max}' &= 103.0 & 00' &= 2957. \\ \text{--} \quad \beta' &= -0.1667 & u_{\max}' &= 102.9 & 00' &= 1713. \\ \text{-.-} \quad \beta' &= -0.3333 & u_{\max}' &= 102.9 & 00' &= 1117. \end{aligned}$$



DISTORTION

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

$$\begin{aligned} \text{—} \quad \beta' &= -0.0833 & u_{\max}' &= 103.0 & 00' &= 2957. \\ \text{--} \quad \beta' &= -0.1667 & u_{\max}' &= 102.9 & 00' &= 1713. \\ \text{-.-} \quad \beta' &= -0.3333 & u_{\max}' &= 102.9 & 00' &= 1117. \end{aligned}$$



TRANSMITTANCE

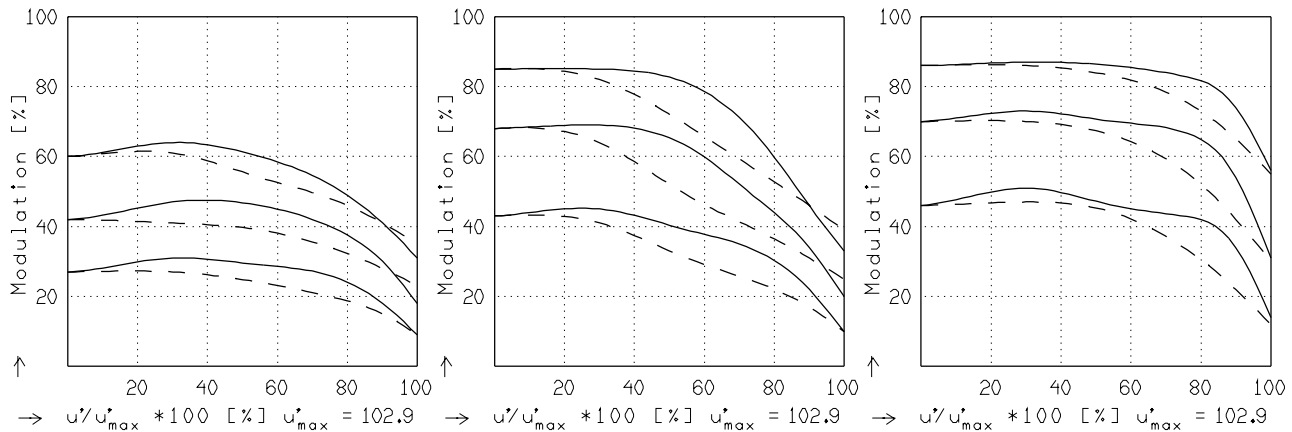
Relative spectral transmittance is shown with reference to wavelength.

COMPONON-S 5.6/210

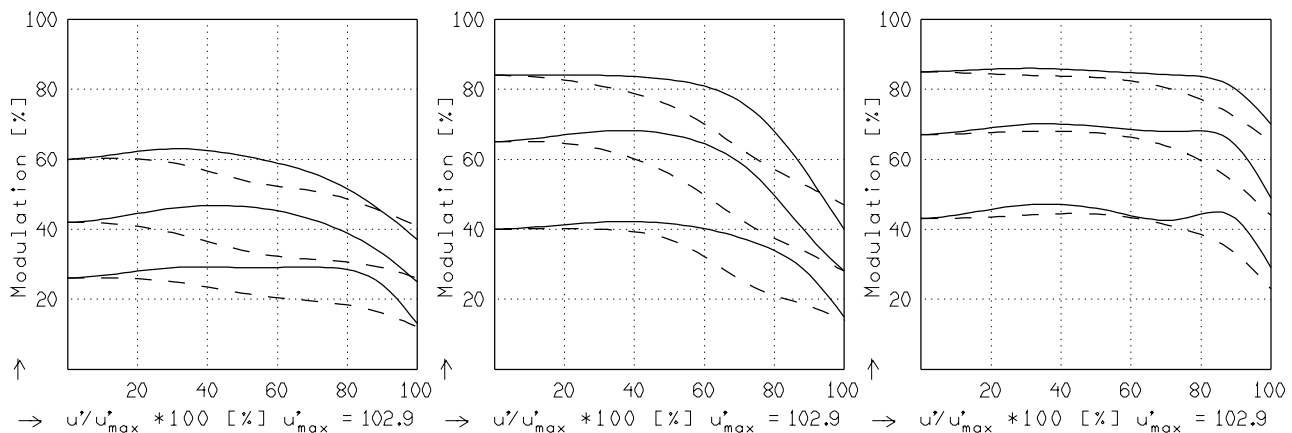
MODULATION with reference to the relative image height

Wavelength λ	[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]	119.0	X168.0				
Diagonal $2u'$	[mm]	205.9					

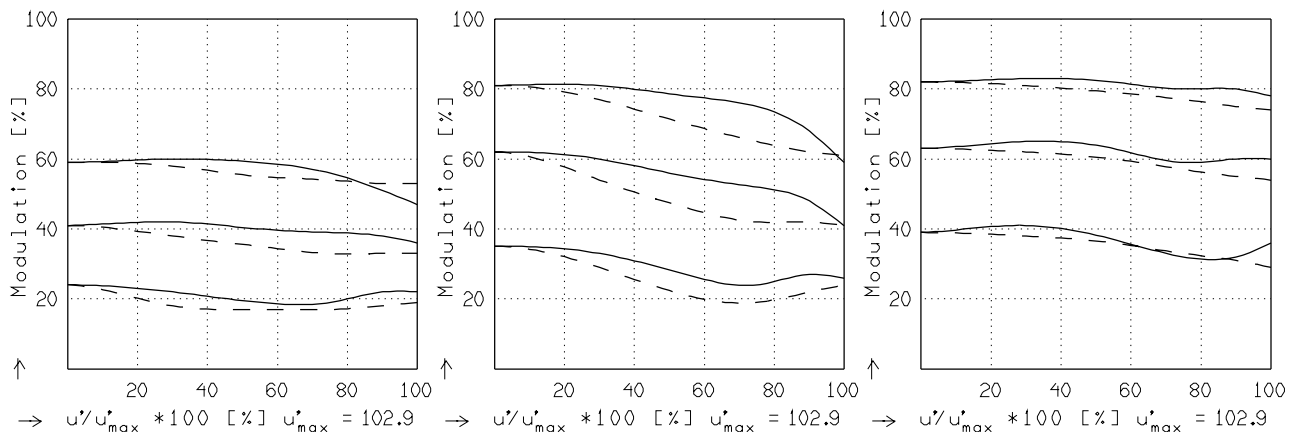
radial —
tangential - -



$f' = 210.2$ $f/5.6$ $1/8' = -12.00$ $00' = 2957$. $f' = 210.2$ $f/8.0$ $1/8' = -12.00$ $00' = 2957$. $f' = 210.2$ $f/11.0$ $1/8' = -12.00$ $00' = 2957$.



$f' = 210.2$ $f/5.6$ $1/8' = -6.00$ $00' = 1713$. $f' = 210.2$ $f/8.0$ $1/8' = -6.00$ $00' = 1713$. $f' = 210.2$ $f/11.0$ $1/8' = -6.00$ $00' = 1713$.



$f' = 210.2$ $f/5.6$ $1/8' = -3.00$ $00' = 1117$. $f' = 210.2$ $f/8.0$ $1/8' = -3.00$ $00' = 1117$. $f' = 210.2$ $f/11.0$ $1/8' = -3.00$ $00' = 1117$.

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