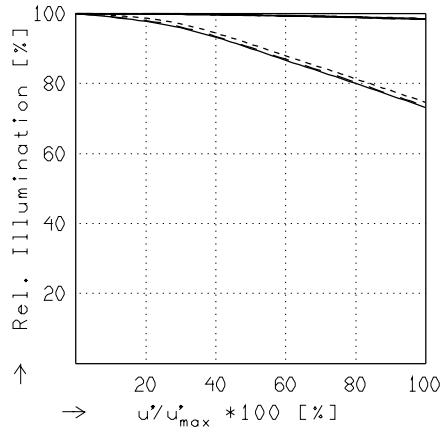
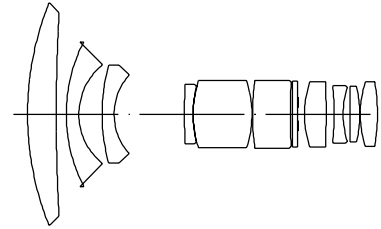


## CINEGON 1.7/10MM

$$\begin{aligned}
 f' &= 10.4 \text{ mm} & \beta_p &= 3.236 \\
 s_F &= 23.3 \text{ mm} & s_{EP} &= 26.5 \text{ mm} \\
 s_{F'} &= 15.7 \text{ mm} & s_{AP} &= -17.9 \text{ mm} \\
 HH' &= 41.2 \text{ mm} & \Sigma d &= 69.5 \text{ mm}
 \end{aligned}$$

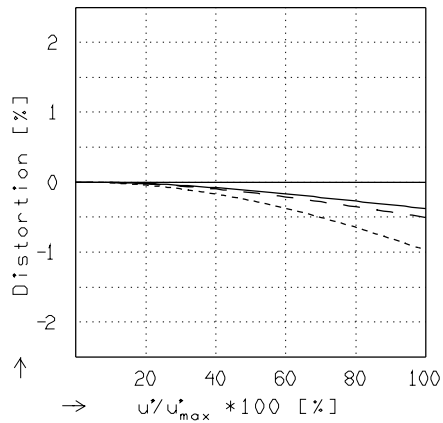


### RELATIVE ILLUMINATION

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

$$f / 1.8 \quad f / 4.0 \quad f / 8.0$$

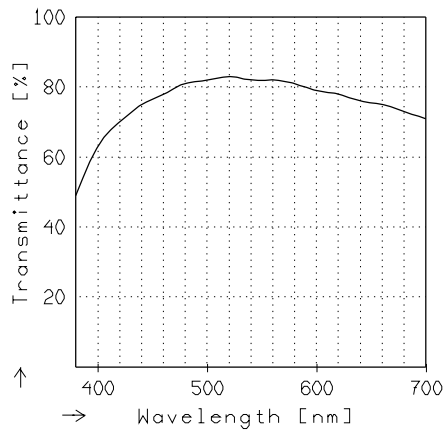
$$\begin{aligned}
 \text{—} & \beta' = 0.0000 & u'_{\max} &= 3.0 & \text{OO}' &= \infty \\
 \text{---} & \beta' = -0.0200 & u'_{\max} &= 3.0 & \text{OO}' &= 580. \\
 \text{-.-.-} & \beta' = -0.1000 & u'_{\max} &= 3.0 & \text{OO}' &= 167.
 \end{aligned}$$



### DISTORTION

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

$$\begin{aligned}
 \text{—} & \beta' = 0.0000 & u'_{\max} &= 3.0 & \text{OO}' &= \infty \\
 \text{---} & \beta' = -0.0200 & u'_{\max} &= 3.0 & \text{OO}' &= 580. \\
 \text{-.-.-} & \beta' = -0.1000 & u'_{\max} &= 3.0 & \text{OO}' &= 167.
 \end{aligned}$$



### TRANSMITTANCE

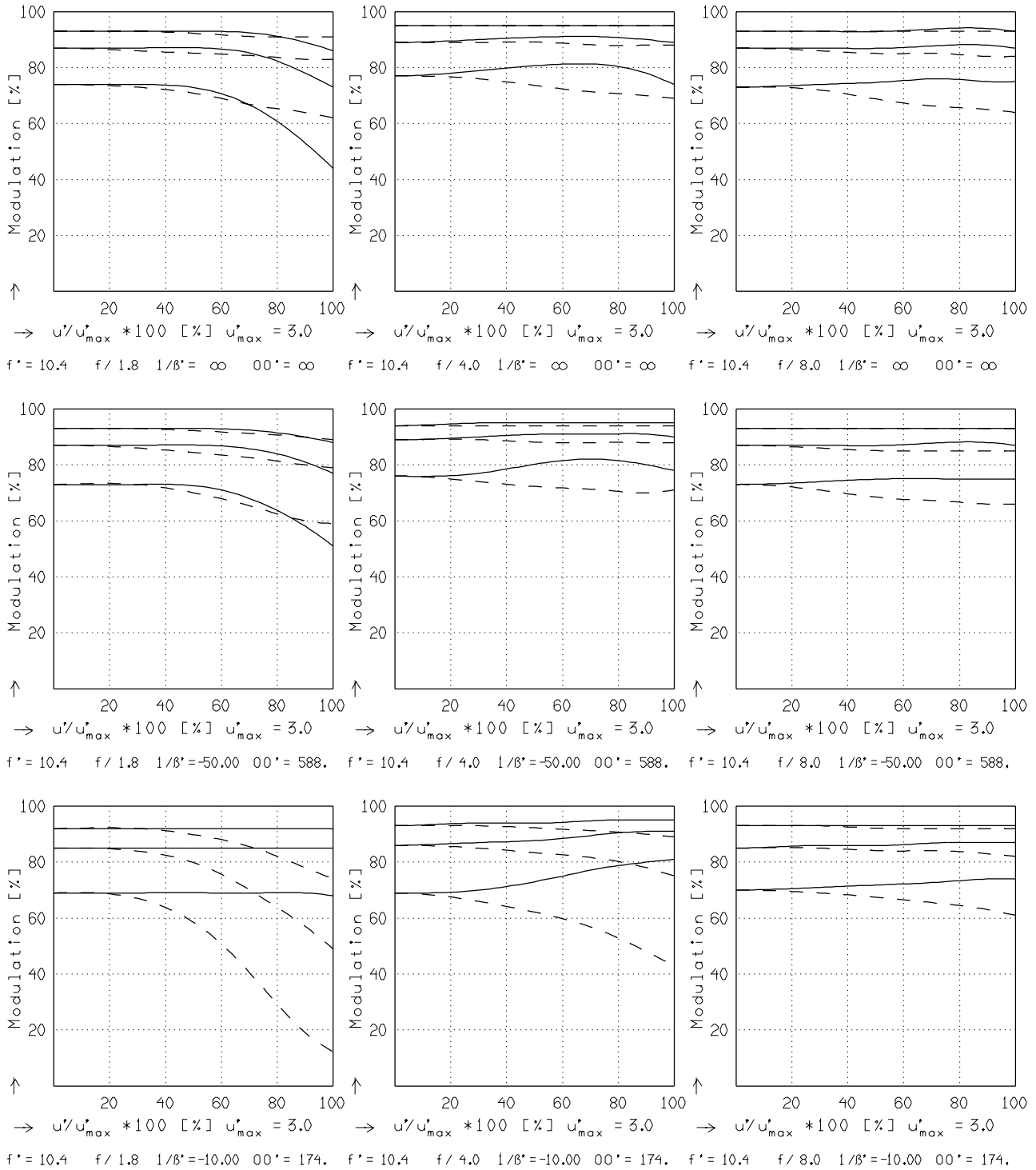
Relative spectral transmittance is shown with reference to wavelength.

# CINEGON 1.7/10MM

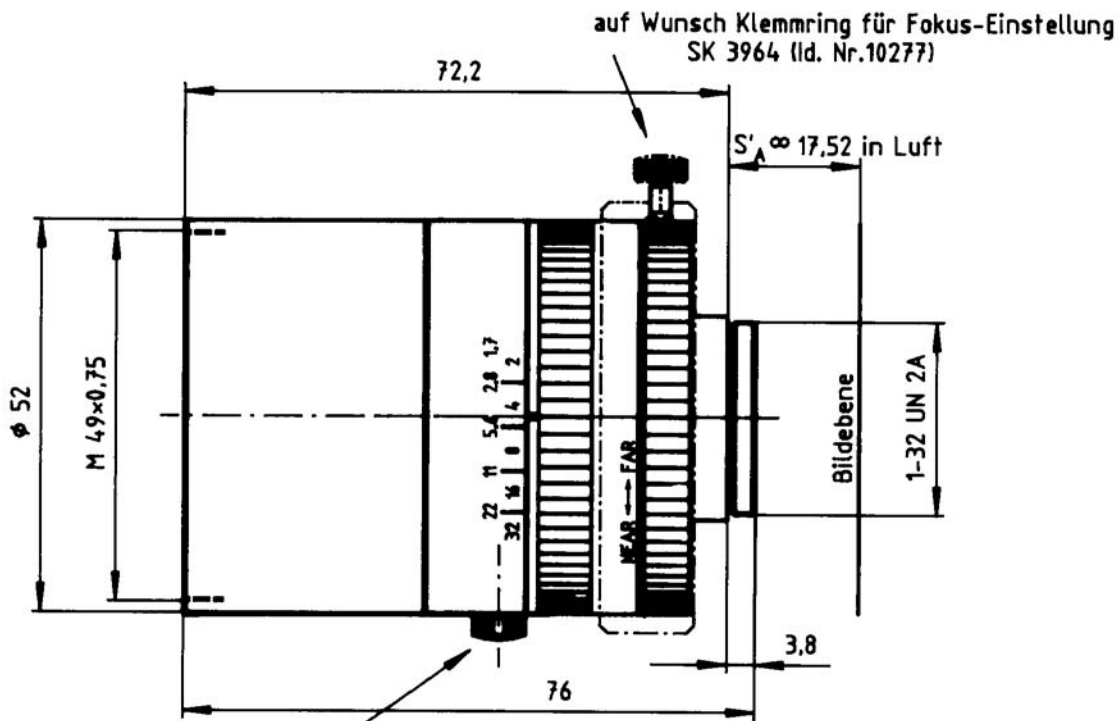
MODULATION with reference to the relative image height

Wavelength $\lambda$	[nm]	555	655	605	505	455	405
Spectral weighting	[%]	19.6	23.7	22.2	15.7	12.1	6.7
Spatial frequency R	[1/mm]	10	20	40			
Format	[mm X mm]	3.6	X	4.8			
Diagonal $2u'$	[mm]	6.0					

radial —  
tangential - -



Focusing :  $MTF_{max}$  at  $f / 1.7$  ,  $R = 40$  1/mm,  $u'/u'_{max} = 0$



Blendenfeststellschraube

**Cinegon 1,7/10 mit man. Blendenkörper**  
 (3 CCD-KAMERA 1/3")