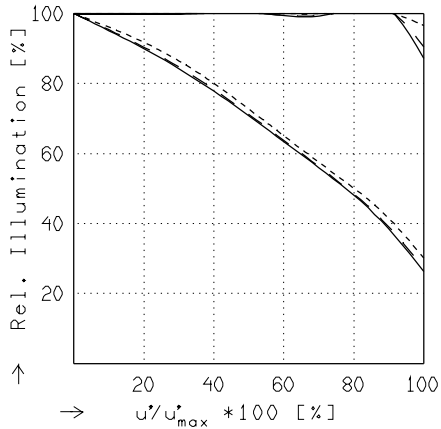
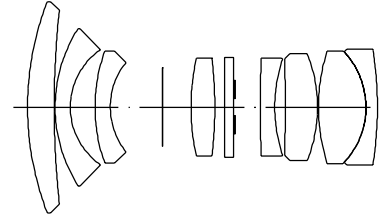


# CINEGON 1.4/8.0MM

$f' = 8.3 \text{ mm}$      $\beta_p = 4.643$   
 $s_F = 11.7 \text{ mm}$      $s_{EP} = 13.5 \text{ mm}$   
 $s_{F'} = 12.6 \text{ mm}$      $s_{AP} = -25.8 \text{ mm}$   
 $HH' = 21.2 \text{ mm}$      $\Sigma d = 36.8 \text{ mm}$

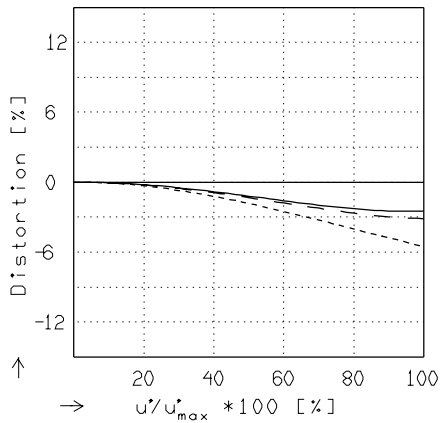


## RELATIVE ILLUMINATION

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

$f / 1.5$        $f / 4.0$        $f / 8.0$

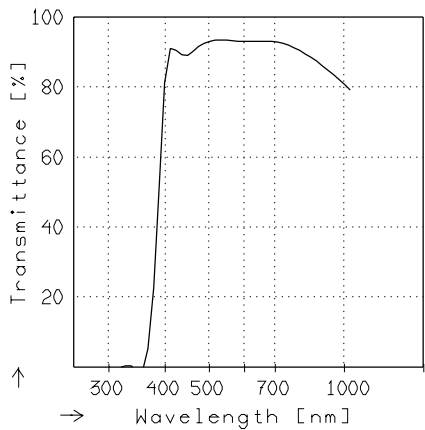
—  $\beta' = 0.0000$      $u'_{max} = 5.5$      $00' = \infty$   
 - -  $\beta' = -0.0200$      $u'_{max} = 5.5$      $00' = 451.$   
 - · -  $\beta' = -0.1000$      $u'_{max} = 5.5$      $00' = 121.$



## DISTORTION

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

—  $\beta' = 0.0000$      $u'_{max} = 5.5$      $00' = \infty$   
 - -  $\beta' = -0.0200$      $u'_{max} = 5.5$      $00' = 451.$   
 - · -  $\beta' = -0.1000$      $u'_{max} = 5.5$      $00' = 121.$



## TRANSMITTANCE

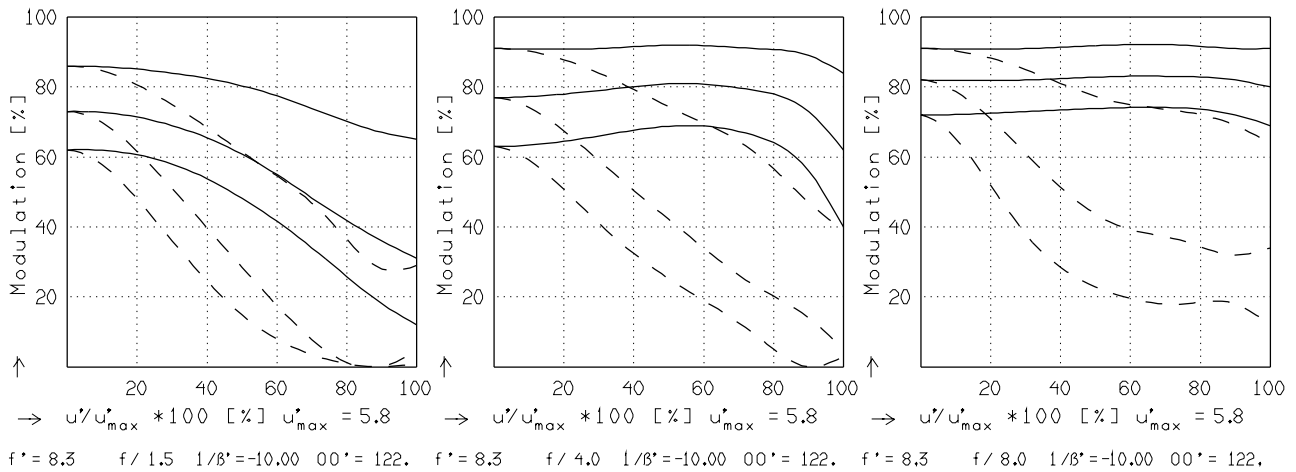
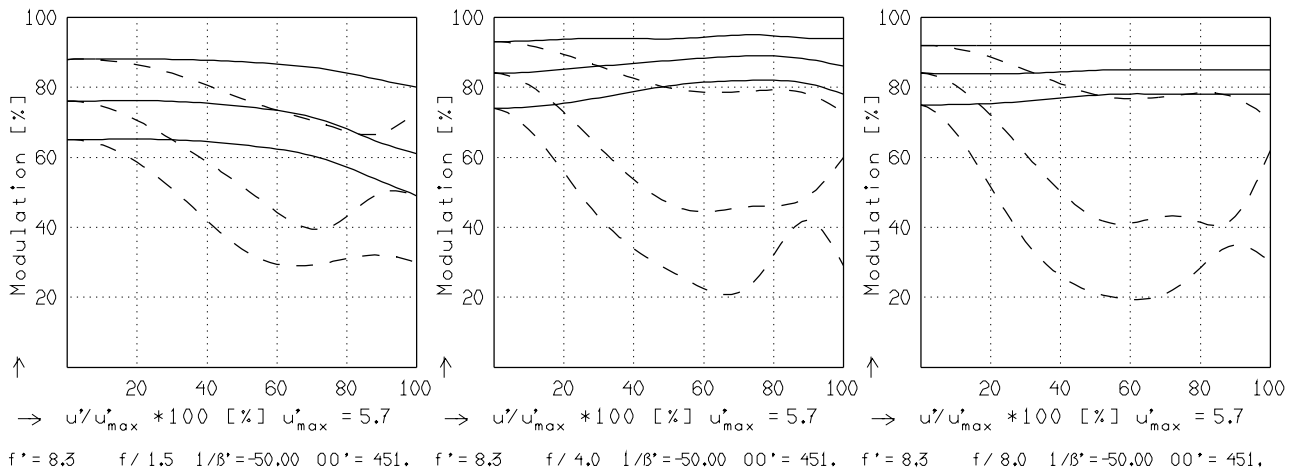
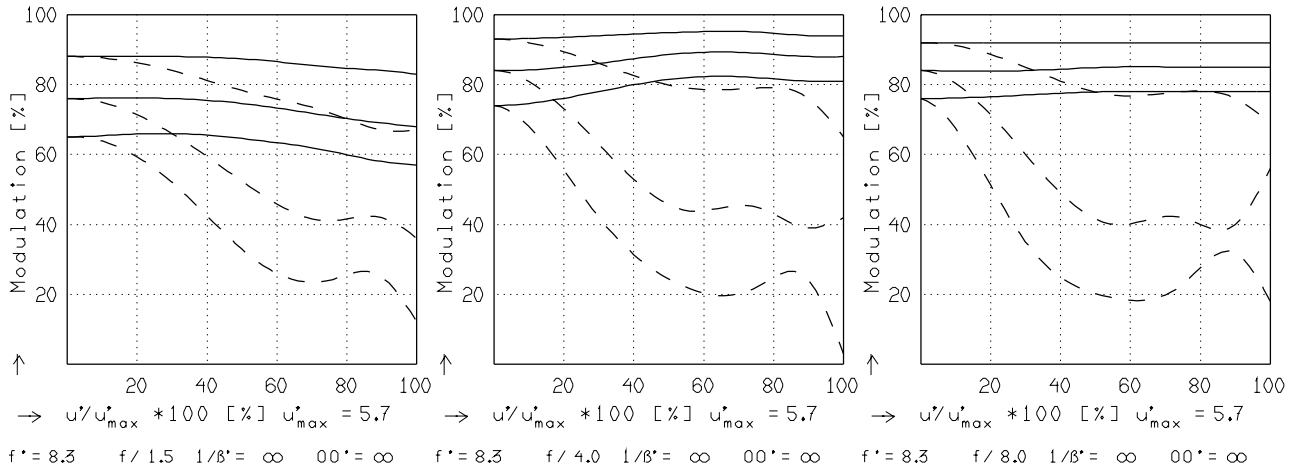
Relative spectral transmittance is shown with reference to wavelength.

# CINEGON 1.4/8.0MM

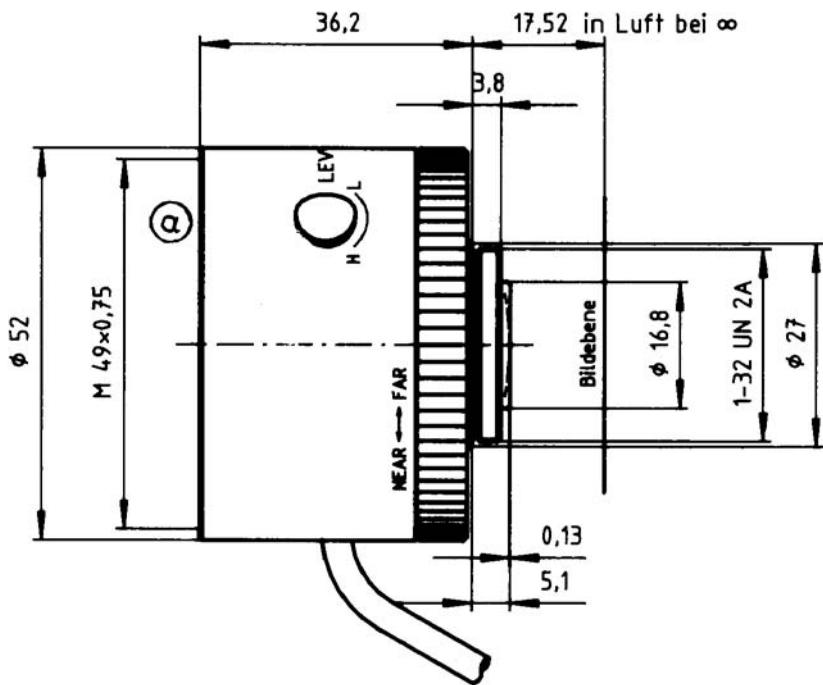
MODULATION with reference to the relative image height

Wavelength $\lambda$	[nm]	587	940	820	707	480	405
Spectral weighting	[%]	28.8	12.2	14.9	23.6	12.8	7.7
Spatial frequency R	[1/mm]	10	20	30			
Format	[mm X mm]	6.6	X	8.8			
Diagonal $2u'$	[mm]	11.0					

radial —  
tangential - -



Focusing :  $MTF_{max}$  at  $f / 1.4$  ,  $R = 30$  1/mm,  $u'/u'_{max} = 0$



Cinegon 1,4/8 mit mot. Blendenregler