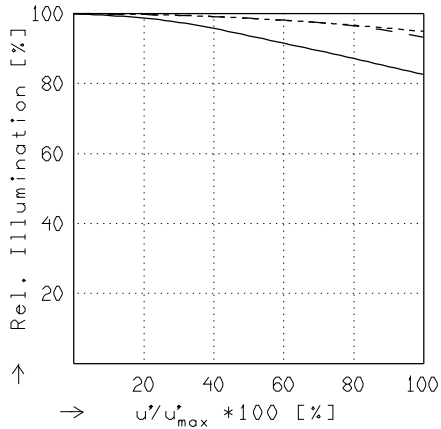
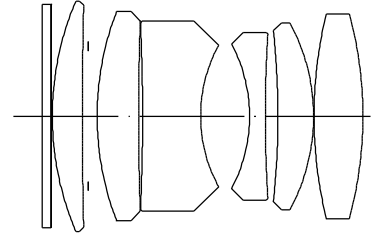


# CL Premiere 1.7/82.5 ASPHERIC

$f' = 82.5 \text{ mm}$      $\beta_p = 1.928$   
 $s_F = -36.0 \text{ mm}$      $s_{EP} = 6.8 \text{ mm}$   
 $s_{F'} = 49.2 \text{ mm}$      $s_{AP} = -109.8 \text{ mm}$   
 $HH' = -10.8 \text{ mm}$      $\Sigma d = 68.9 \text{ mm}$

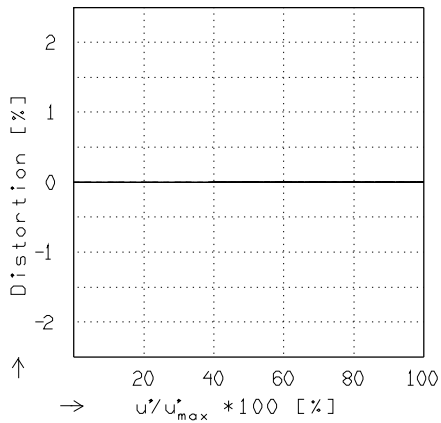


## RELATIVE ILLUMINATION

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

$f / 1.7$

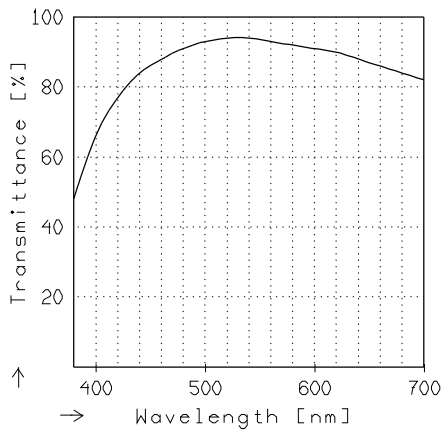
—  $\beta' = 0.0000$      $u'_{max} = 13.9$      $00' = \infty$   
 - -  $\beta' = 0.0000$      $u'_{max} = 13.9$      $00' = \infty$   
 ····  $\beta' = 0.0000$      $u'_{max} = 13.9$      $00' = \infty$



## DISTORTION

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

—  $\beta' = 0.0000$      $u'_{max} = 13.9$      $00' = \infty$   
 - -  $\beta' = 0.0000$      $u'_{max} = 13.9$      $00' = \infty$   
 ····  $\beta' = 0.0000$      $u'_{max} = 13.9$      $00' = \infty$



## TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.

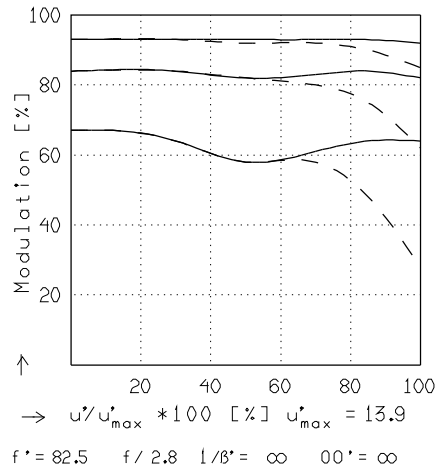
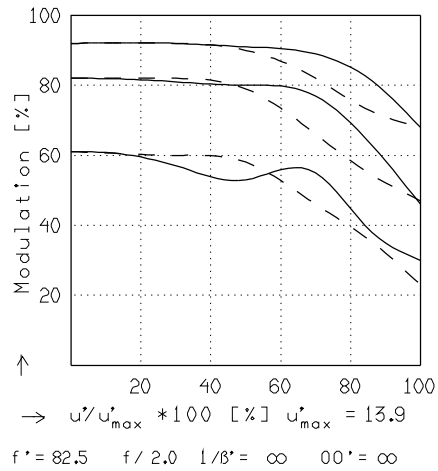
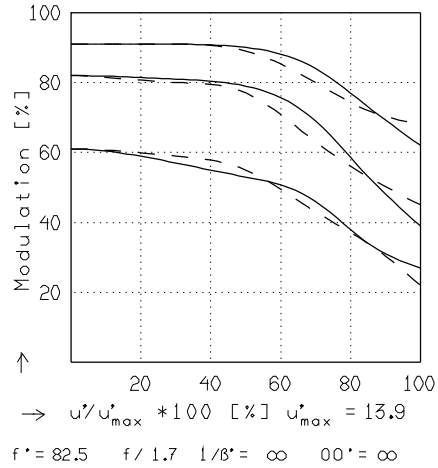
Jos. Schneider Optische Werke GmbH  
 Ringstrasse 132 55543 Bad Kreuznach Germany

# CL Premiere 1.7/82.5 ASPHERIC

MODULATION with reference to the relative image height

Wavelength $\lambda$	[nm]	546	644	610	570	510	480
Spectral weighting	[%]	28.3	4.5	17.8	29.4	16.0	4.0
Spatial frequency R	[1/mm]	20	40	80			
Format	[mm X mm]	18.0	X	21.3			
Diagonal $2u'$	[mm]	27.7					

radial ———  
 tangential - - -



Focusing :  $MTF_{max}$  at  $f / 1.7$  ,  $R = 80$  1/mm,  $u'/u'_{max} = 0$

-0.095  
-0.145

-0.095  
-0.145

-0.095  
-0.145

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