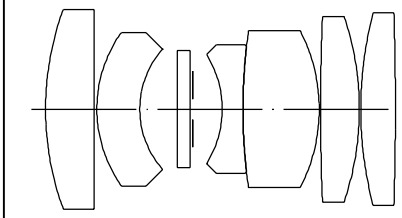
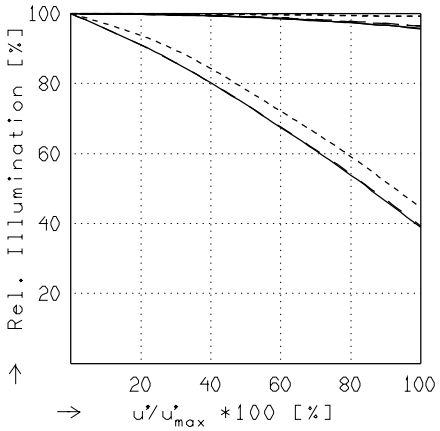
XENOPLAN 1.4/17MM

f' =	17.6 mm	β'_P =	2.964
s_F =	6.1 mm	s_{EP} =	12.0 mm
$s'_{F'}$ =	13.2 mm	s'_{AP} =	-38.9 mm
HH' =	-2.8 mm	Σ d =	25.2 mm



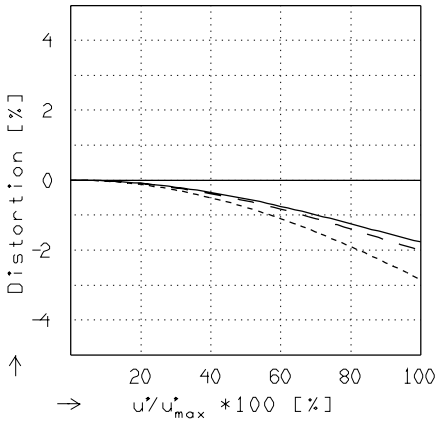


RELATIVE ILLUMINATION

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

f / 1.5 f / 4.0 f / 8.0

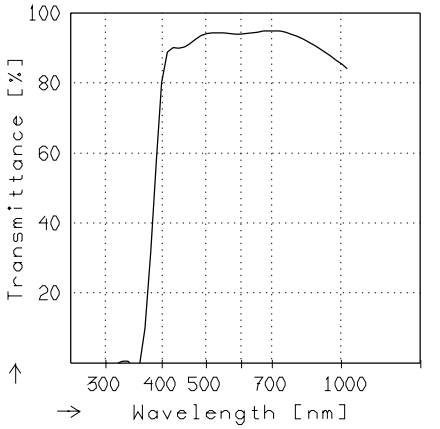
—— β' = 0.0000 u'_{max} = 5.5 OO' = ∞
– – β' = -0.0200 u'_{max} = 5.5 OO' = 911.
----- β' = -0.1000 u'_{max} = 5.5 OO' = 210.



DISTORTION

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

—— β' = 0.0000 u'_{max} = 5.5 OO' = ∞
– – β' = -0.0200 u'_{max} = 5.5 OO' = 911.
----- β' = -0.1000 u'_{max} = 5.5 OO' = 210.



TRANSMITTANCE

Relative spectral transmittance is shown with reference to wavelength.

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

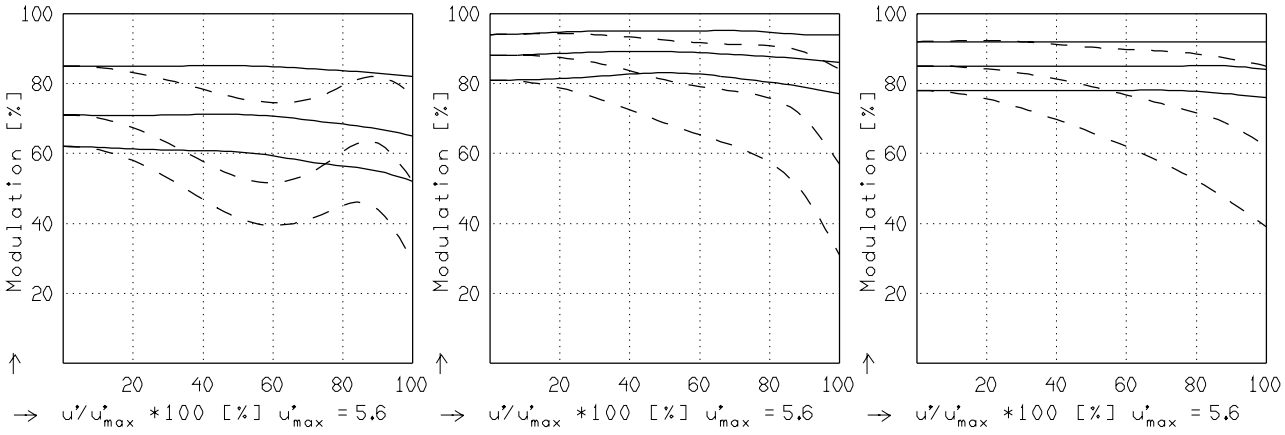
XENOPLAN 1.4/17MM

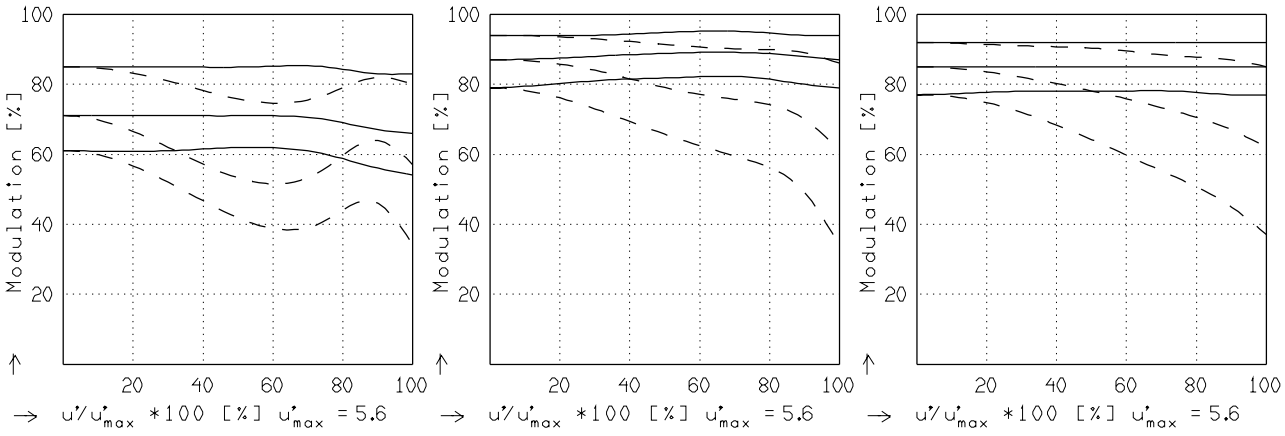
MODULATION with reference to the relative image height

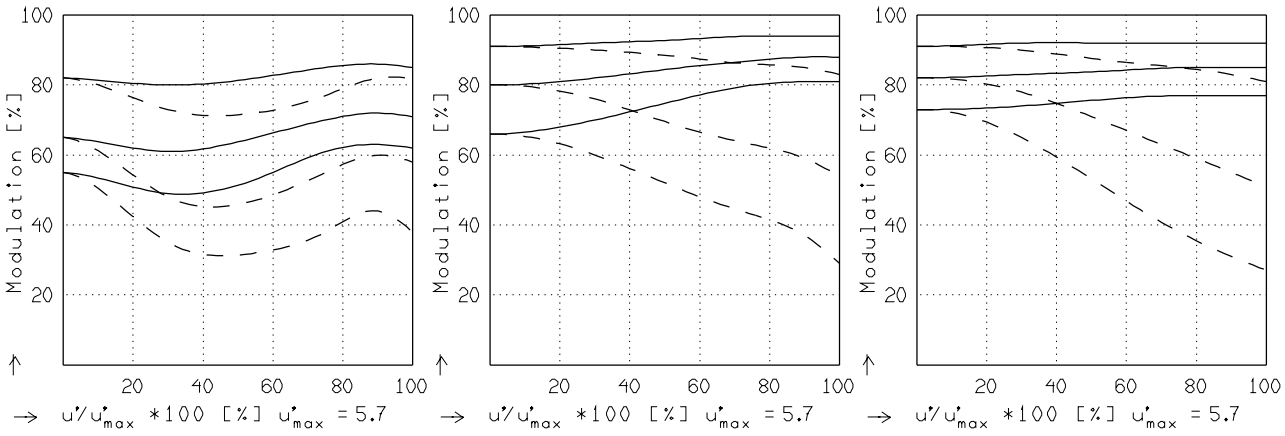
Wavelength λ [nm] :	587	940	820	707	480	405
Spectral weighting [%] :	28.8	12.2	14.9	23.6	12.8	7.7
Spatial frequency R [1/mm] :	10	20	30			
Format [mm X mm] :	6.6 X 8.8					
Diagonal 2u' [mm] :	11.0					

radial ——

tangential — —



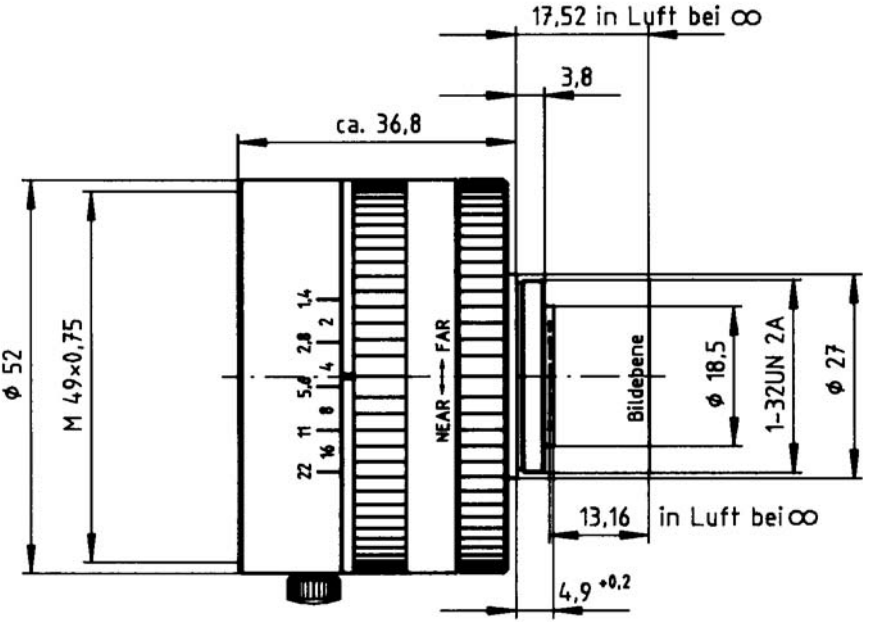




Focusing : MTF_{max} at f / 1.4 , R = 30 1/mm, u'/u'_{max} = 0

-0.035 -0.035 -0.035 -0.035 0.002 0.002 0.002 0.002 0.010 0.010 0.018 0.018

44575 250400 Printed in the Federal Republic of Germany



Xenoplan 1,4/17 in man. Blendenkörper