

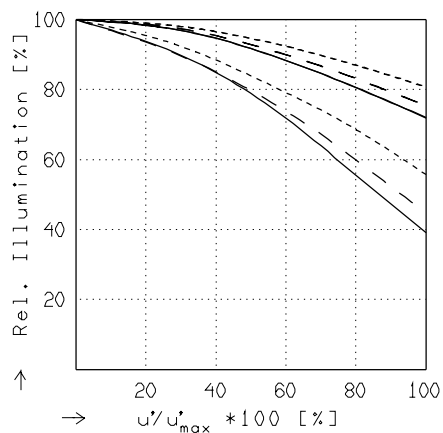
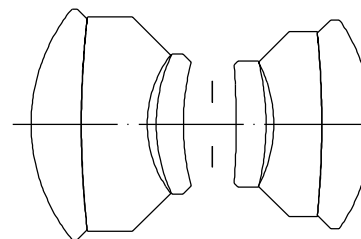
## COMPONON-S 2.8/50

$$f' = 50.2 \text{ mm} \quad \beta_p' = 0.945$$

$$s_F = -33.5 \text{ mm} \quad s_{EP} = 19.6 \text{ mm}$$

$$s_{F'} = 31.7 \text{ mm} \quad s_{A'P} = -15.7 \text{ mm}$$

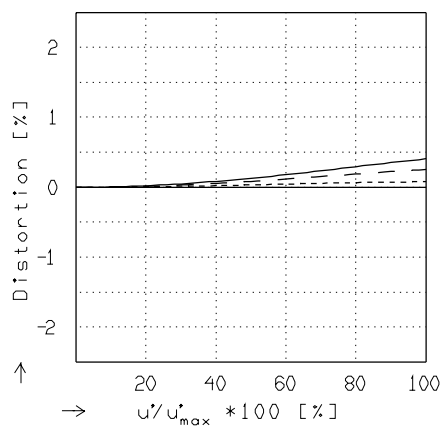
$$HH' = -3.1 \text{ mm} \quad \Sigma d = 32.0 \text{ mm}$$



## RELATIVE ILLUMINATION

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

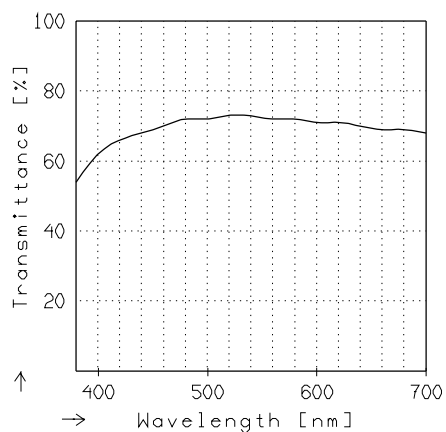
$f / 2.8$	$f / 5.6$	$f / 8.0$
— $\beta' = -0.0833$	$u'_{\max} = 21.0$	$00' = 704.$
- - $\beta' = -0.1667$	$u'_{\max} = 21.0$	$00' = 407.$
.... $\beta' = -0.3333$	$u'_{\max} = 20.9$	$00' = 264.$



## DISTORTION

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

— $\beta' = -0.0833$	$u'_{\max} = 20.9$	$00' = 704.$
- - $\beta' = -0.1667$	$u'_{\max} = 20.9$	$00' = 407.$
.... $\beta' = -0.3333$	$u'_{\max} = 20.9$	$00' = 264.$



## TRANSMITTANCE

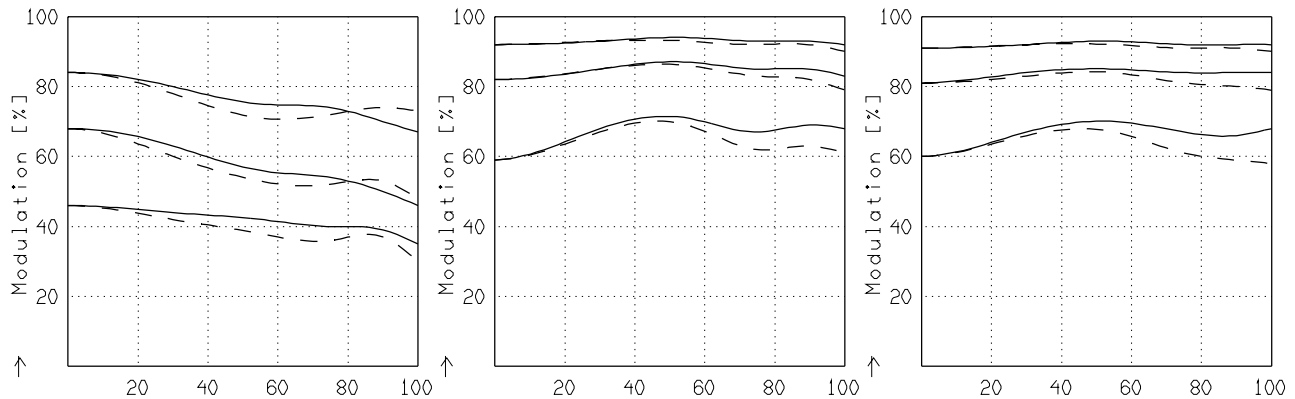
Relative spectral transmittance is shown with reference to wavelength.

# COMPONON-S 2.8/50

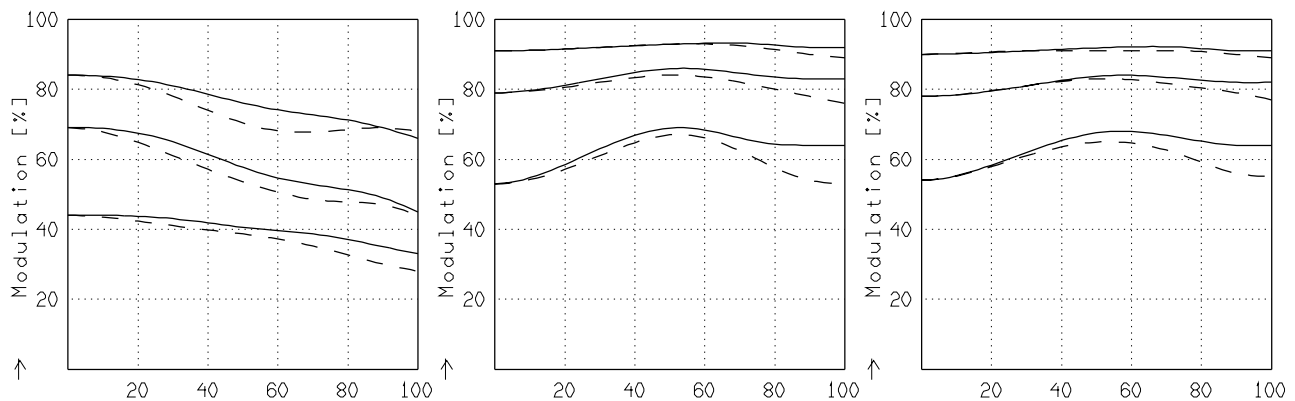
MODULATION with reference to the relative image height

Wavelength $\lambda$	[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]	23.0	X 35.0				
Diagonal $2u'$	[mm]	41.9					

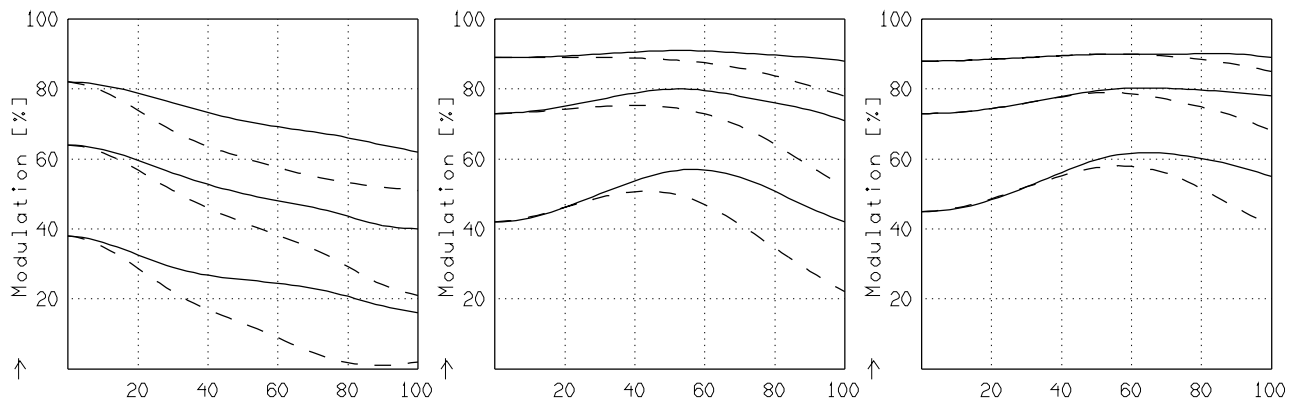
radial —  
tangential - -



$f' = 50.2$   $f / 2.8$   $1/B' = -12.00$   $00' = 704$ .  $f' = 50.2$   $f / 5.6$   $1/B' = -12.00$   $00' = 704$ .  $f' = 50.2$   $f / 8.0$   $1/B' = -12.00$   $00' = 704$ .

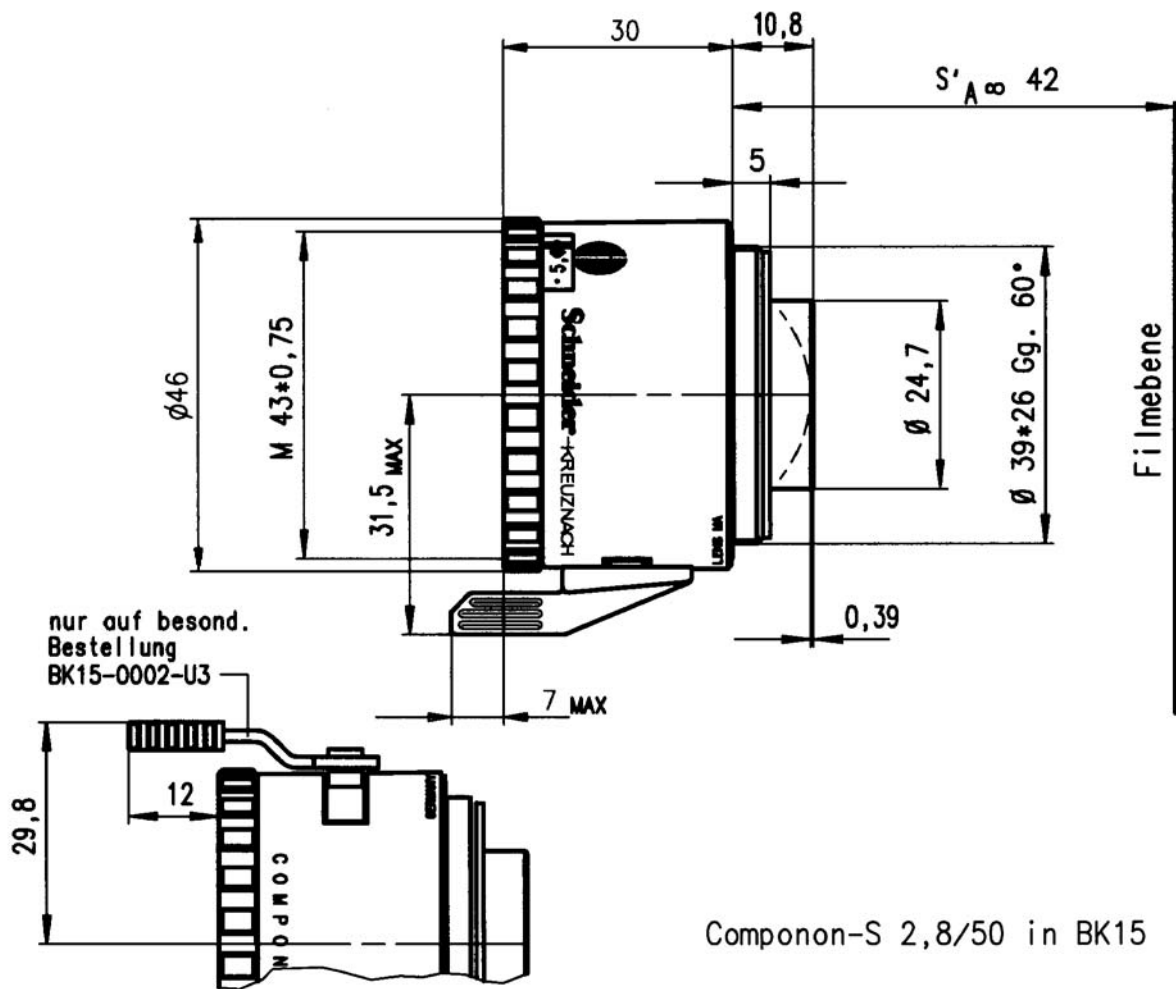


$f' = 50.2$   $f / 2.8$   $1/B' = -6.00$   $00' = 407$ .  $f' = 50.2$   $f / 5.6$   $1/B' = -6.00$   $00' = 407$ .  $f' = 50.2$   $f / 8.0$   $1/B' = -6.00$   $00' = 407$ .



$f' = 50.2$   $f / 2.8$   $1/B' = -3.00$   $00' = 264$ .  $f' = 50.2$   $f / 5.6$   $1/B' = -3.00$   $00' = 264$ .  $f' = 50.2$   $f / 8.0$   $1/B' = -3.00$   $00' = 264$ .

Focusing : MTF<sub>max</sub> at  $f / 2.8$  , R = 20 1/mm,  $u'/u_{\max} = 0$



Componon-S 2,8/50 in BK15