

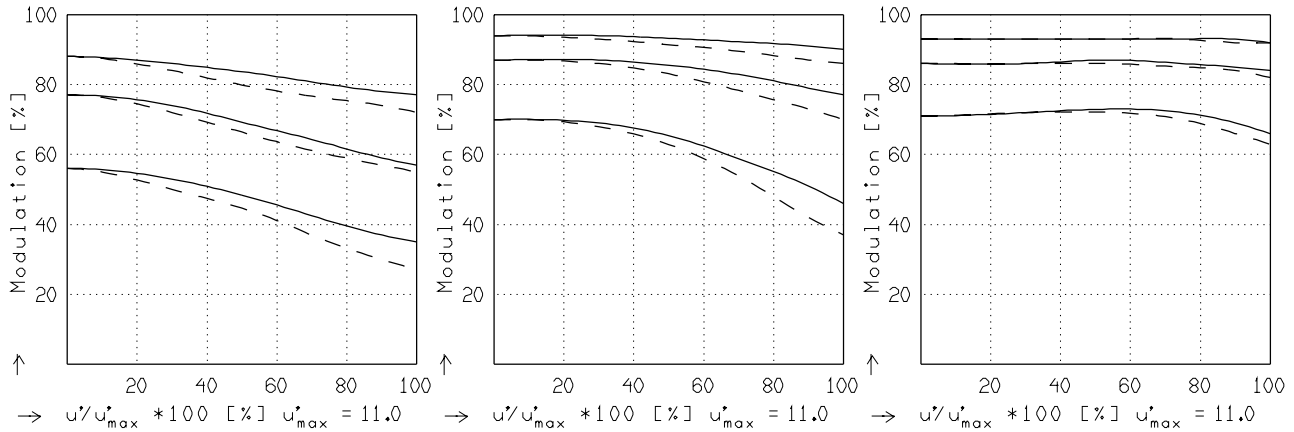
XENOPLAN 2.8/50

MODULATION als Funktion der relativen Bildgröße

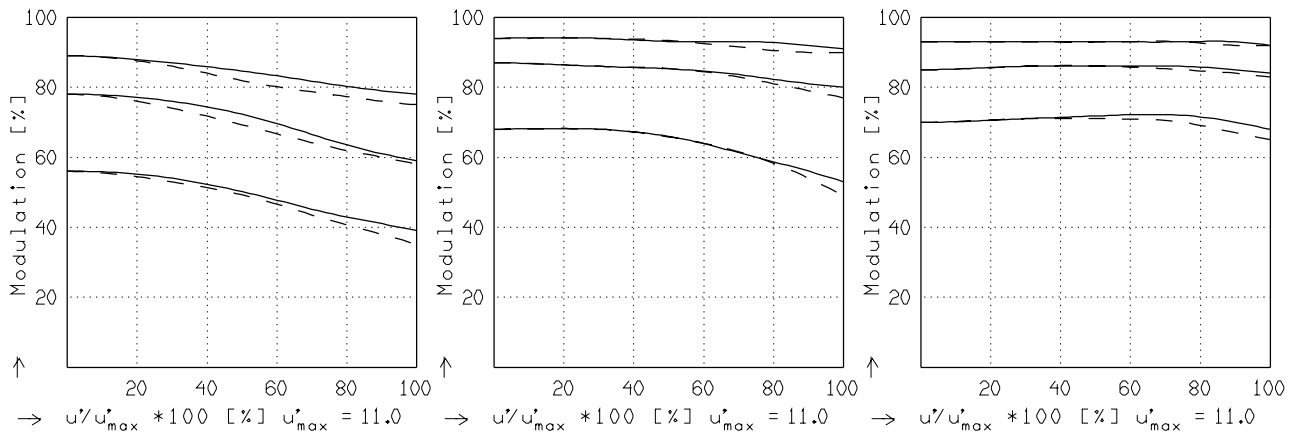


Wellenlänge λ	[nm]	555	655	605	505	455	405
Spektrale Gewichtung	[%]	19.6	23.7	22.2	15.7	12.1	6.7
Ortsfrequenz R	[1/mm]	10	20	40			
Format	[mm X mm]	15.2	X 15.2				
Diagonale $2u'$	[mm]	22.0					

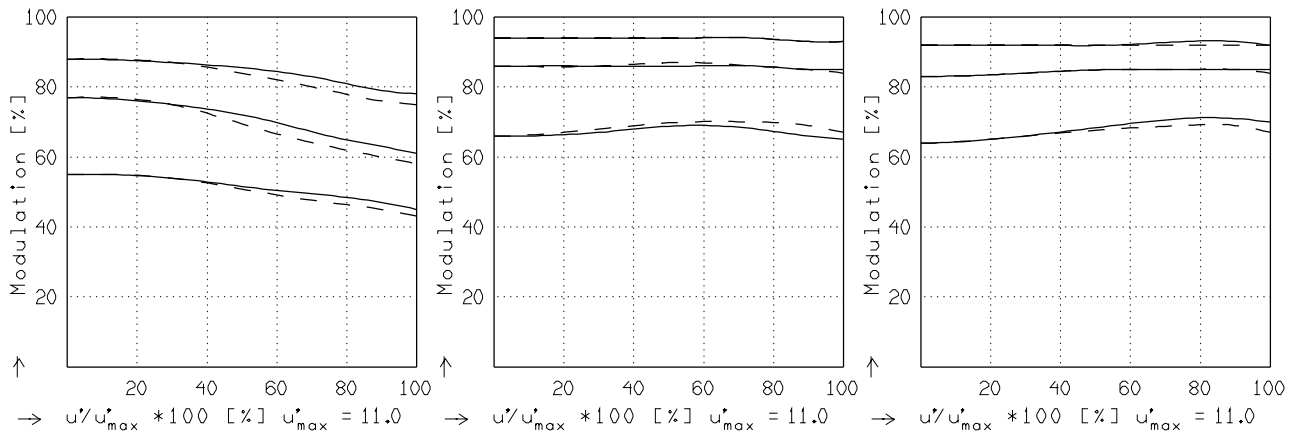
radial —
tangential - -



$f' = 50.2$ $k = 2.8$ $1/\beta' = -50.00$ $00' = 2607$. $f' = 50.2$ $k = 4.0$ $1/\beta' = -50.00$ $00' = 2607$. $f' = 50.2$ $k = 8.0$ $1/\beta' = -50.00$ $00' = 2607$.



$f' = 50.2$ $k = 2.8$ $1/\beta' = -20.00$ $00' = 1103$. $f' = 50.2$ $k = 4.0$ $1/\beta' = -20.00$ $00' = 1103$. $f' = 50.2$ $k = 8.0$ $1/\beta' = -20.00$ $00' = 1103$.



$f' = 50.2$ $k = 2.8$ $1/\beta' = -10.00$ $00' = 604$. $f' = 50.2$ $k = 4.0$ $1/\beta' = -10.00$ $00' = 604$. $f' = 50.2$ $k = 8.0$ $1/\beta' = -10.00$ $00' = 604$.

Fokussierung MTF_{max} bei $k = 2.8$, $R = 40$ 1/mm. $u'/u'_{max} = 0$

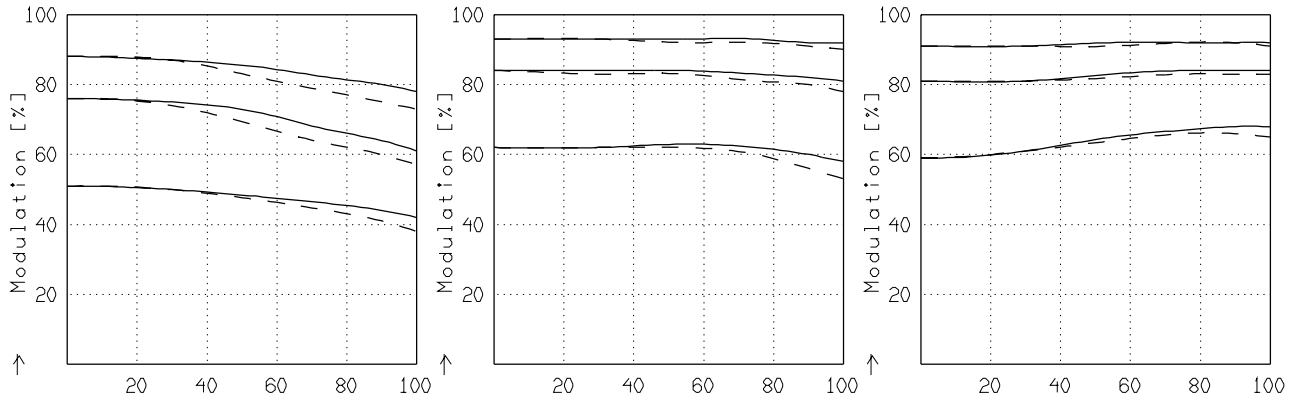
44995 70203 Gedruckt in der Bundesrepublik Deutschland

XENOPLAN 2.8/50

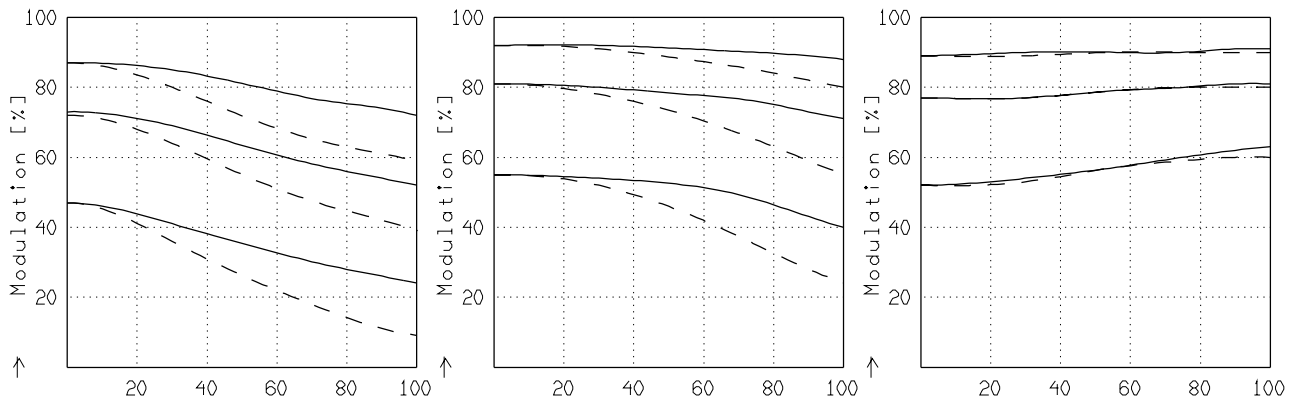
MODULATION als Funktion der relativen Bildgröße

Wellenlänge λ	[nm]	555	655	605	505	455	405
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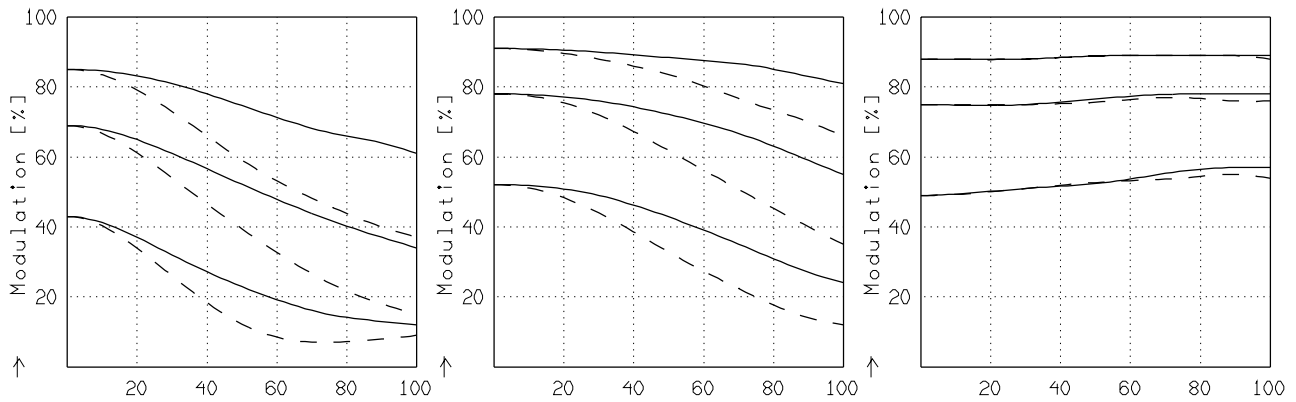
radial —
 tangential - -



$\rightarrow u'/u'_{max} * 100$ [%] $u'_{max} = 11.0$ $f' = 50.2$ $k = 2.8$ $1/\beta' = -5.00$ $00' = 358.$ $f' = 50.2$ $k = 4.0$ $1/\beta' = -5.00$ $00' = 358.$ $f' = 50.2$ $k = 8.0$ $1/\beta' = -5.00$ $00' = 358.$



$\rightarrow u'/u'_{max} * 100$ [%] $u'_{max} = 11.0$ $f' = 50.2$ $k = 2.8$ $1/\beta' = -3.00$ $00' = 264.$ $f' = 50.2$ $k = 4.0$ $1/\beta' = -3.00$ $00' = 264.$ $f' = 50.2$ $k = 8.0$ $1/\beta' = -3.00$ $00' = 264.$



$\rightarrow u'/u'_{max} * 100$ [%] $u'_{max} = 11.0$ $f' = 50.2$ $k = 2.8$ $1/\beta' = -2.00$ $00' = 223.$ $f' = 50.2$ $k = 4.0$ $1/\beta' = -2.00$ $00' = 223.$ $f' = 50.2$ $k = 8.0$ $1/\beta' = -2.00$ $00' = 223.$

Fokussierung MTF_{max} bei $k = 2.8$, $R = 40$ 1/mm. $u'/u'_{max} = 0$