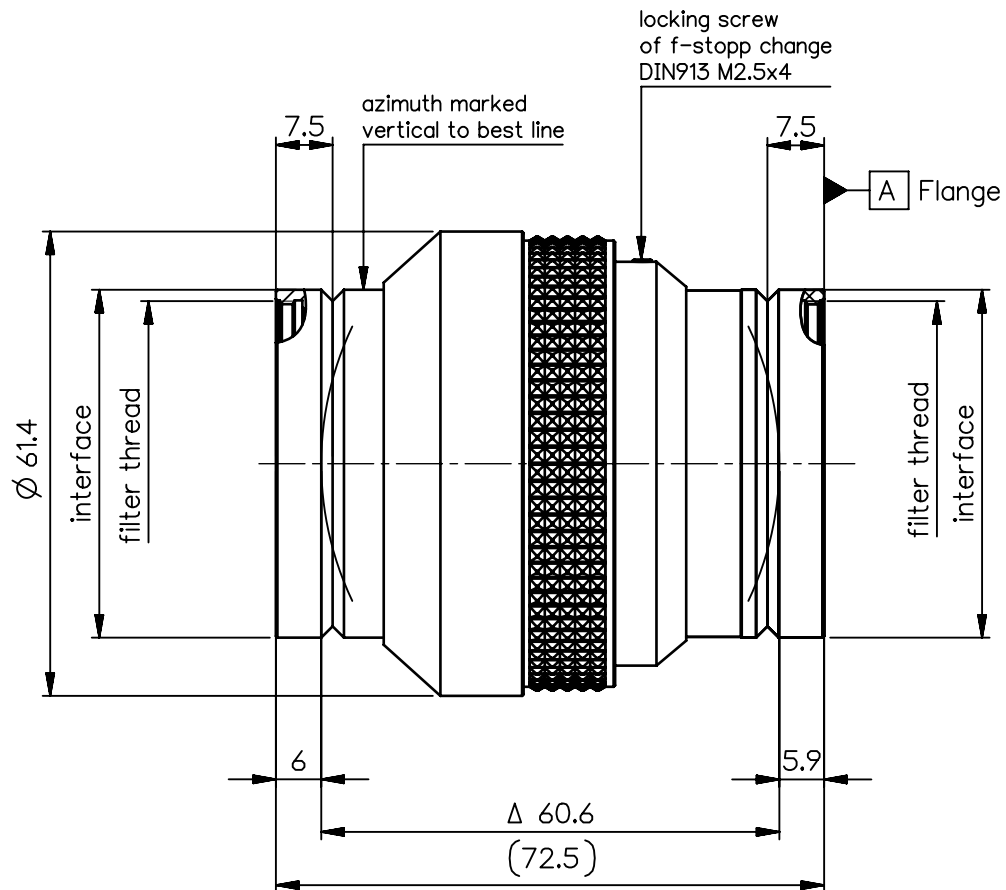


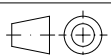
order number	lens name
0703-085-000-20	inspec.x L 5.6/105 -0.33x



Specification		ON	7608-9045																																
image circle max. (mm)	82	working distance (mm)	300 - 488																																
focal length f' (mm)	105.4	interface	V-groove Ø46 h7																																
magnification β' [range]	-0.33 [-0.45 ... -0.25]	filter thread	M43 x0.75																																
spectral range λ (nm)	400 - 750	weight (g)	370																																
schematic diagram *) in air 		design includes CCD cover glass: yes 0.76mm D263 <table border="1"> <thead> <tr> <th>SF (mm)</th><th>f-stop</th><th>Ø EnP</th><th>Ø Exp</th></tr> </thead> <tbody> <tr> <td>-72.0</td><td>5.6</td><td>19.2</td><td>17.8</td></tr> <tr> <td>S'F' (mm) *)</td><td>8</td><td>13.4</td><td>12.4</td></tr> <tr> <td>HH' (mm) *)</td><td>11</td><td>9.8</td><td>9.0</td></tr> <tr> <td>SH (mm)</td><td>16</td><td>6.7</td><td>6.2</td></tr> <tr> <td>S'H' (mm) *)</td><td>22</td><td>4.9</td><td>4.5</td></tr> <tr> <td>SEnP (mm)</td><td></td><td></td><td></td></tr> <tr> <td>S'Exp (mm) *)</td><td></td><td></td><td></td></tr> </tbody> </table>		SF (mm)	f-stop	Ø EnP	Ø Exp	-72.0	5.6	19.2	17.8	S'F' (mm) *)	8	13.4	12.4	HH' (mm) *)	11	9.8	9.0	SH (mm)	16	6.7	6.2	S'H' (mm) *)	22	4.9	4.5	SEnP (mm)				S'Exp (mm) *)			
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NX PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	EU-D		AL-T1A		US-D		US-ML		not export controlled	
	REV		ECC		DATE		APPROVED		PDM Status Freigabe	
	a		Neuausg		19.08.14		Schiffe		SCALE 1:1	
	b		15-0640		31.07.15		Bo II		MATERIAL	
									TITLE	
									inspec.x L 5.6/105 -0.33x	
									DRAWING NO.	
									0703-085-100-00-0001b	
									REPLACES	
									SHEET 1 OF 1	

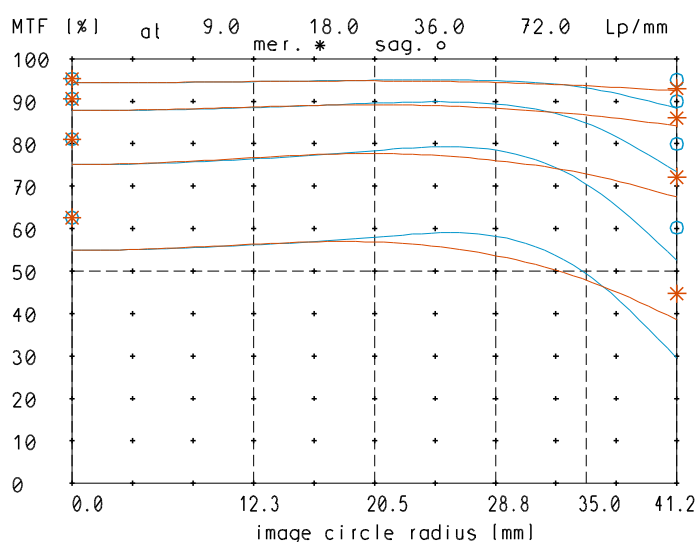
ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT



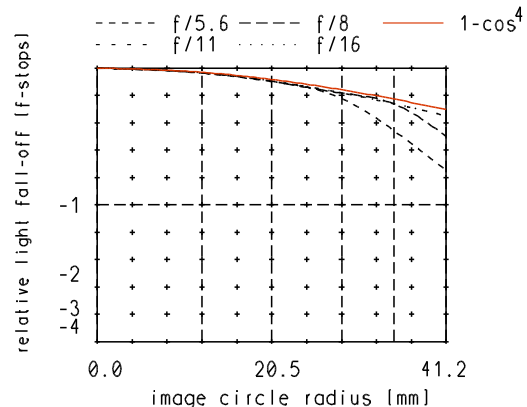
QIOPTRON

Inspec.x_L_5.6/105_0.33x

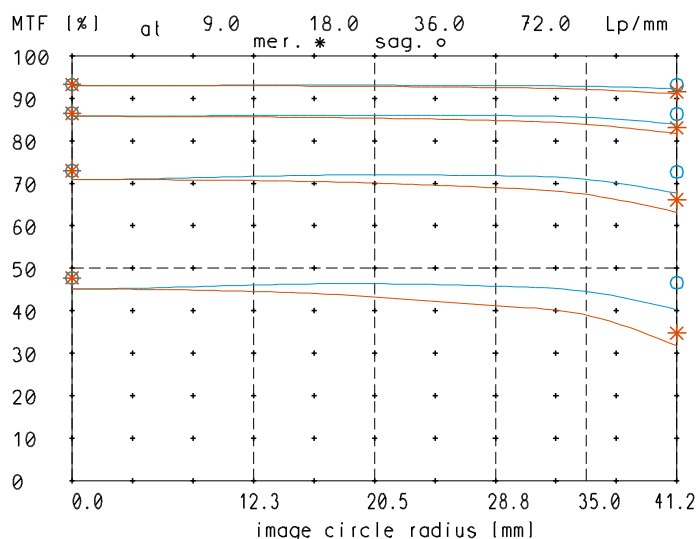
MTF at ratio 0.33x f/ 5.6



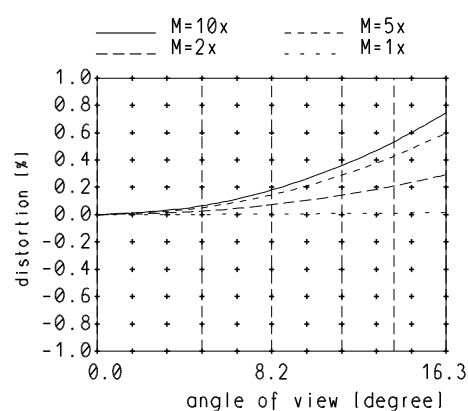
relative light fall-off
at ratio 0.33x



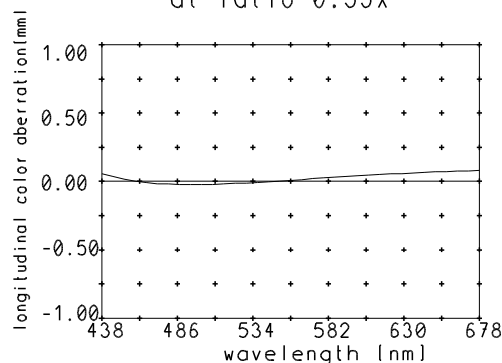
MTF at ratio 0.33x f/ 8



Distortion at ratio 10x to 1x



Longitudinal color aberration
at ratio 0.33x



Named frequencies (line pairs/mm) in modular transfer function (MTF) as well as diagrams of relative light fall-off, distortion and longitudinal color aberration refer to film plane.

— sagittal, o Diffraction limited value
— meridional * Diffraction limited value