

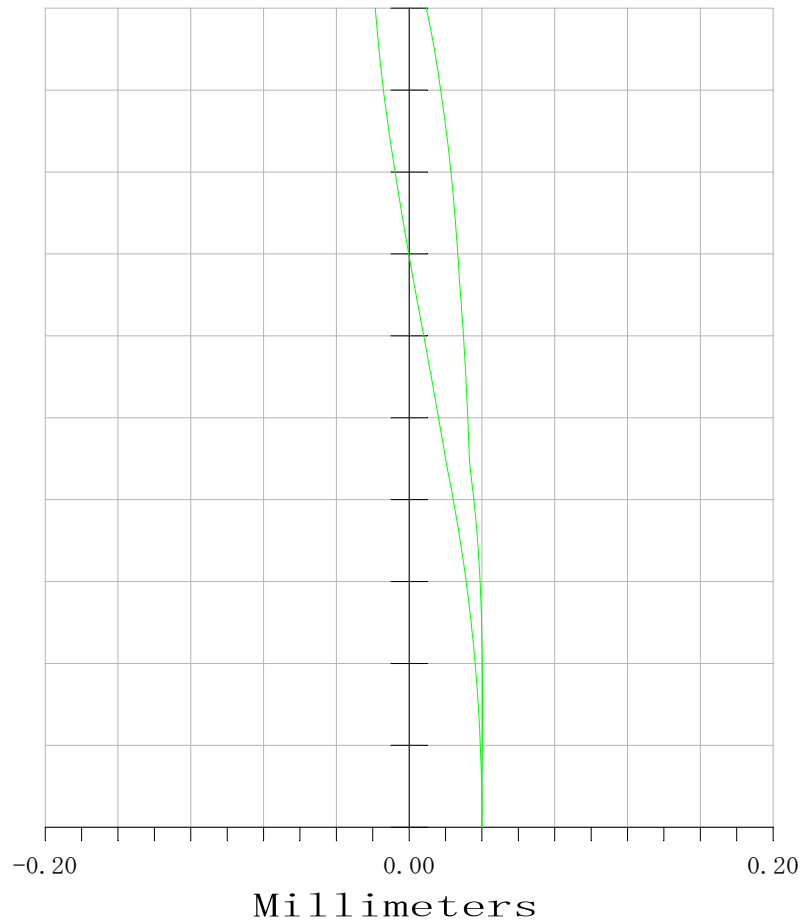
<b>1/2" 1.4/12mm C</b>		<b>1/3"</b>	
Focal Length		f=12mm±5%	
Max. Diameter (Ratio)		F=1 : 1.4±5%	
Element		5 Group 6 Elements	
Picture Size		4.8x6.4mm	3.6x4.8
Angle	Ver.	23.0°	17.2°
	Hol.	30.7°	23.0°
	Dia.	38.5°	28.8°
Distortion (TV)		-0.8%	
Shooting Range at M. O. D.	Ver.	123mm	
	Hol.	167mm	
	Dia.	213mm	
Minimum Object Distance		0.3m	
Flange Back		17.526 mm in air	
Back Focus		11.12mm in air	
Filter Screw Size		M30.5x0.5	
Front/Rear Effective Dia.		F: φ 12.3mm	R: φ 11.7mm
Mount		C-MOUNT	
Exit Pupil		-38.9mm	
Temperature Range		-10~+45° C	
Strong Temperature Range		-40~+60° C	
Resolution		Center: 100Line/mm	Corner: 40Line/mm
Stopper Strength		10kgf · cm	
Endurance Tests		Iris: 5,000Times	Focus: 5,000Times
Operating Torque		Iris: 50~600gf · cm	Focus: 100~1000gf · cm
Weight		70g±5g	

1/2" 1.4/12mm

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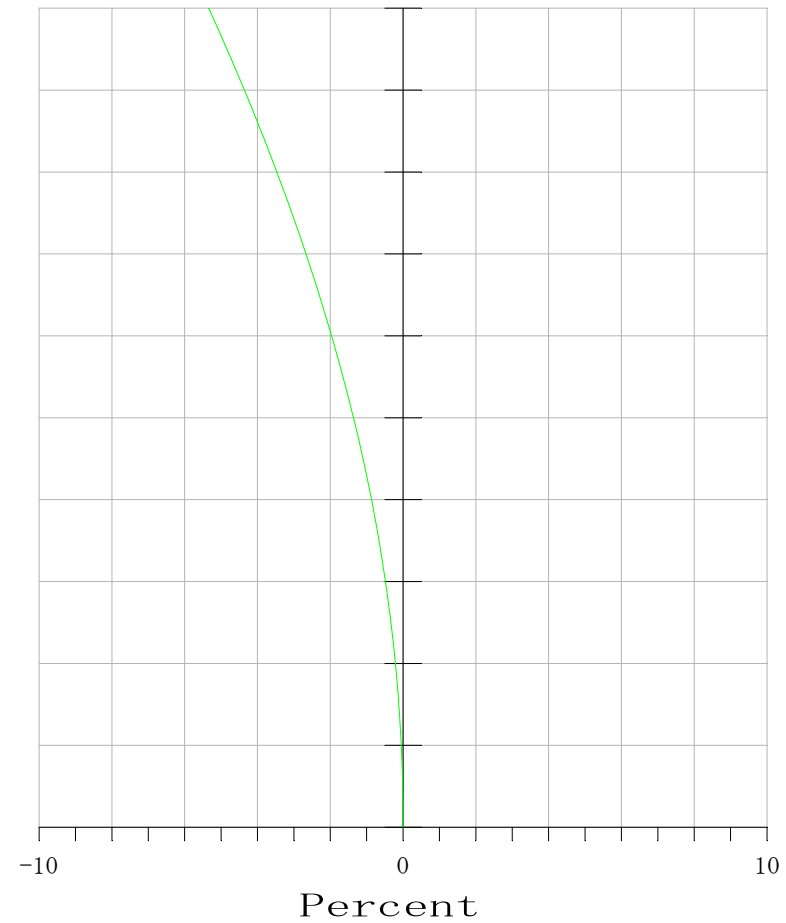
Field Curvature

S T  
+Y



Distortion

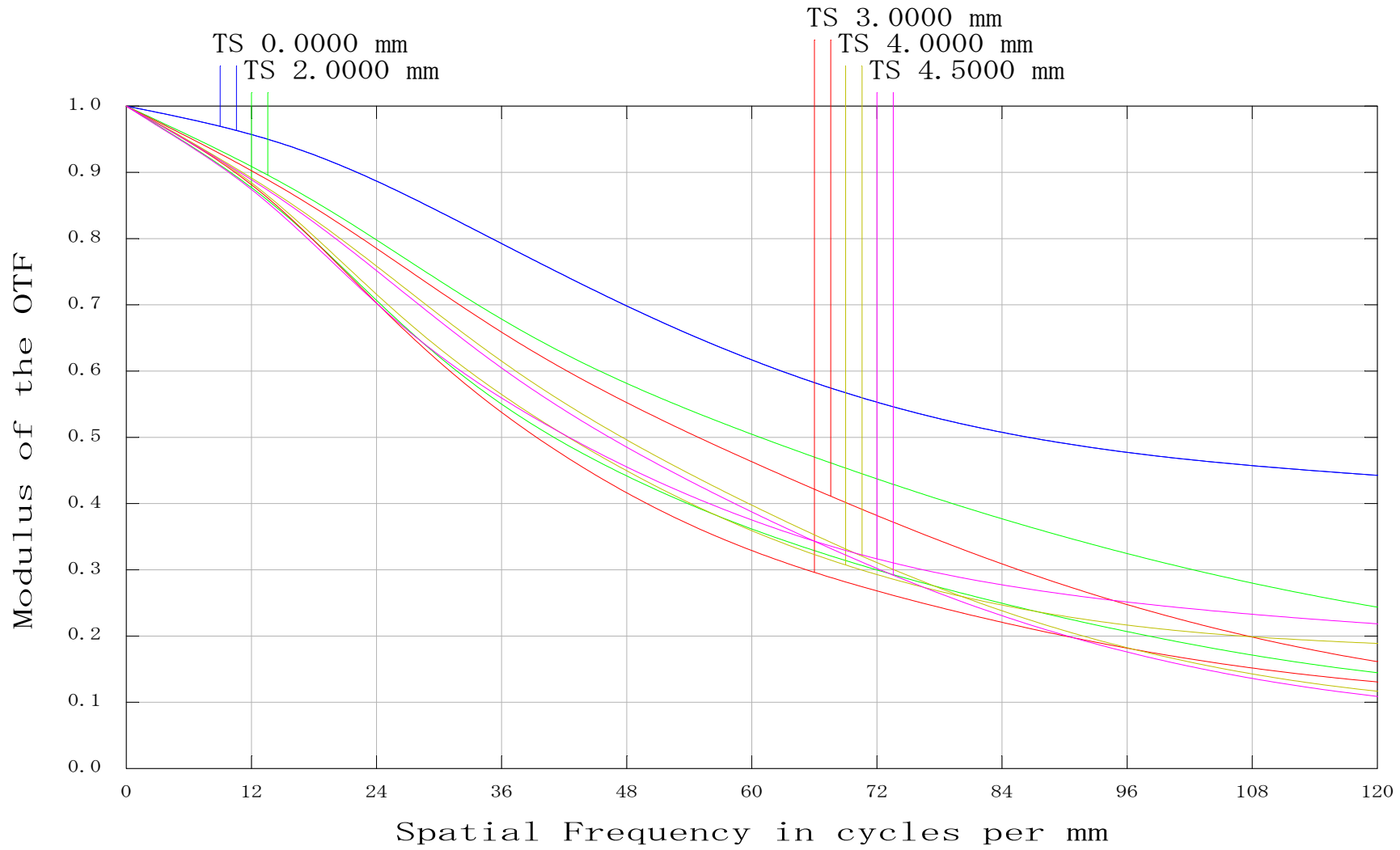
+Y



Field Curvature / F-Tan(Theta) Distortion

Maximum Field is 4.500 Millimeters.  
Wavelengths: 0.588

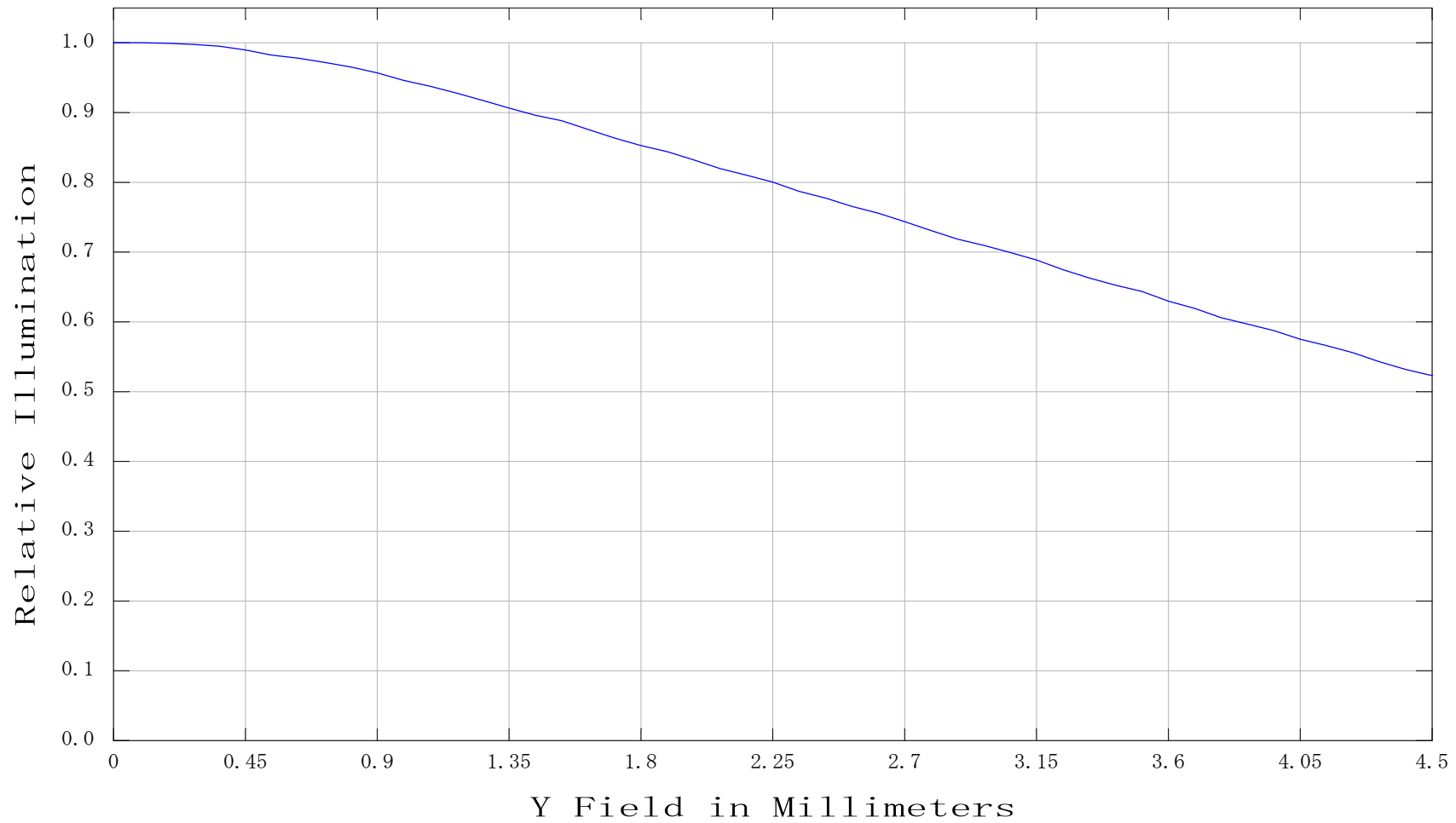
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Polychromatic Diffraction MTF

Data for 0.4358 to 0.6563  $\mu\text{m}$ .  
Surface: Image

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Relative Illumination

Wavelength: 0.587560  $\mu\text{m}$

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LM12NCL (604) Transmission

