

1" 1.8/25mm C		1"	2/3"	1/1.8"
FOCAL LENGTH		f=25mm		
F-NUMBER		F=1.8-16		
PICTURE SIZE		9.6x12.8mm	6.6x8.8mm	5.4x7.2mm
ANGLE OF VIEW (∞)	VER. ANGLE	22.0°	15.0°	12.3°
	HOR. ANGLE	29.2°	20.2°	16.5°
	DIA. ANGLE	36.4°	25.2°	20.6°
DISTORTION (TV)		-0.97%	-0.48%	-0.32%
FIELD OF VIEW (MINIMUM FOCUS DISTANCE)	VER.	81mm	56mm	45mm
	HOR.	109mm	74mm	61mm
	DIA.	138mm	93mm	76mm
MINIMUM FOCUS DISTANCE		0.2m		
FLANGE BACK		17.526mm in air		
BACK FOCUS		24.5mm in air		
FILTER SCREW SIZE		M27x0.5		
FRONT/REAR EFFECTIVE DIA.		FRONT φ18.9mm	REAR φ18.7mm	
MOUNT		C-MOUNT		
EXIT PUPIL		-225.3 mm		
TEMPERATURE RANGE		-10~+50°C		
STORAGE TEMPERATURE RANGE		-20~+60°C		
RESOLUTION CENTER/CORNER		CENTER 160lp/mm	CORNER 100lp/mm	
WEIGHT		160g		

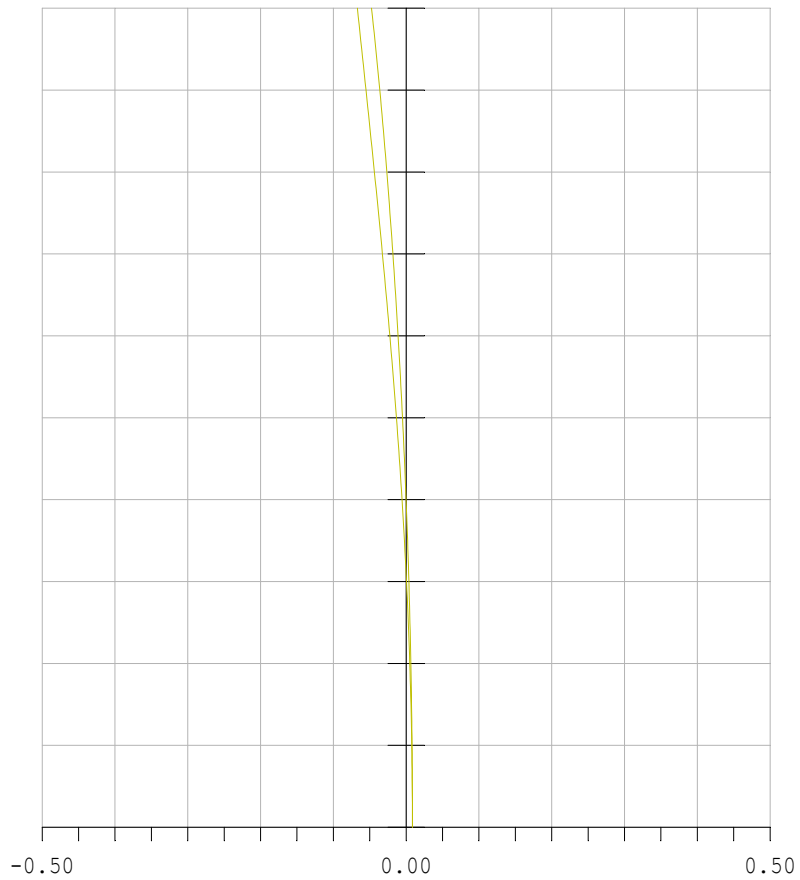
NOTE: Specifications and availability are subject to change without notice  
 注) 本仕様については、予告なしに変更する場合があります。



		尺度	1/1	工場番号	LM25HC-VS
		機種名	1" f=25mm F1.8 VIS-SWIR		
		機種番	LM25HC-VIS-SW		
2020.09.15	作成年月日	S10-705			

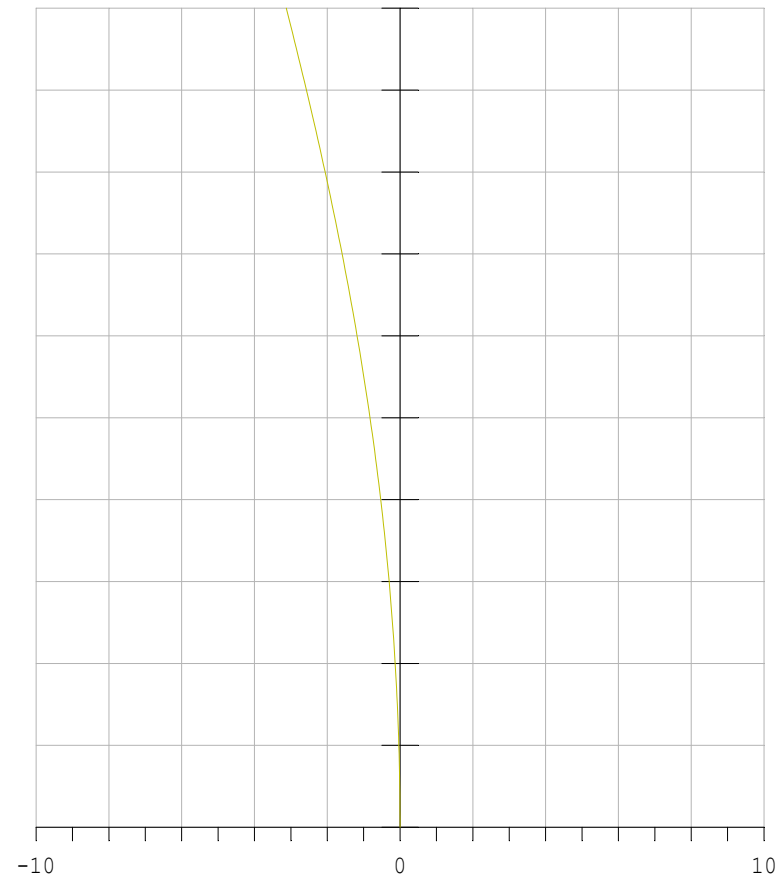
Field Curvature

S T  
+Y



Distortion

+Y



Millimeters  
Field units changed to field angle

Percent

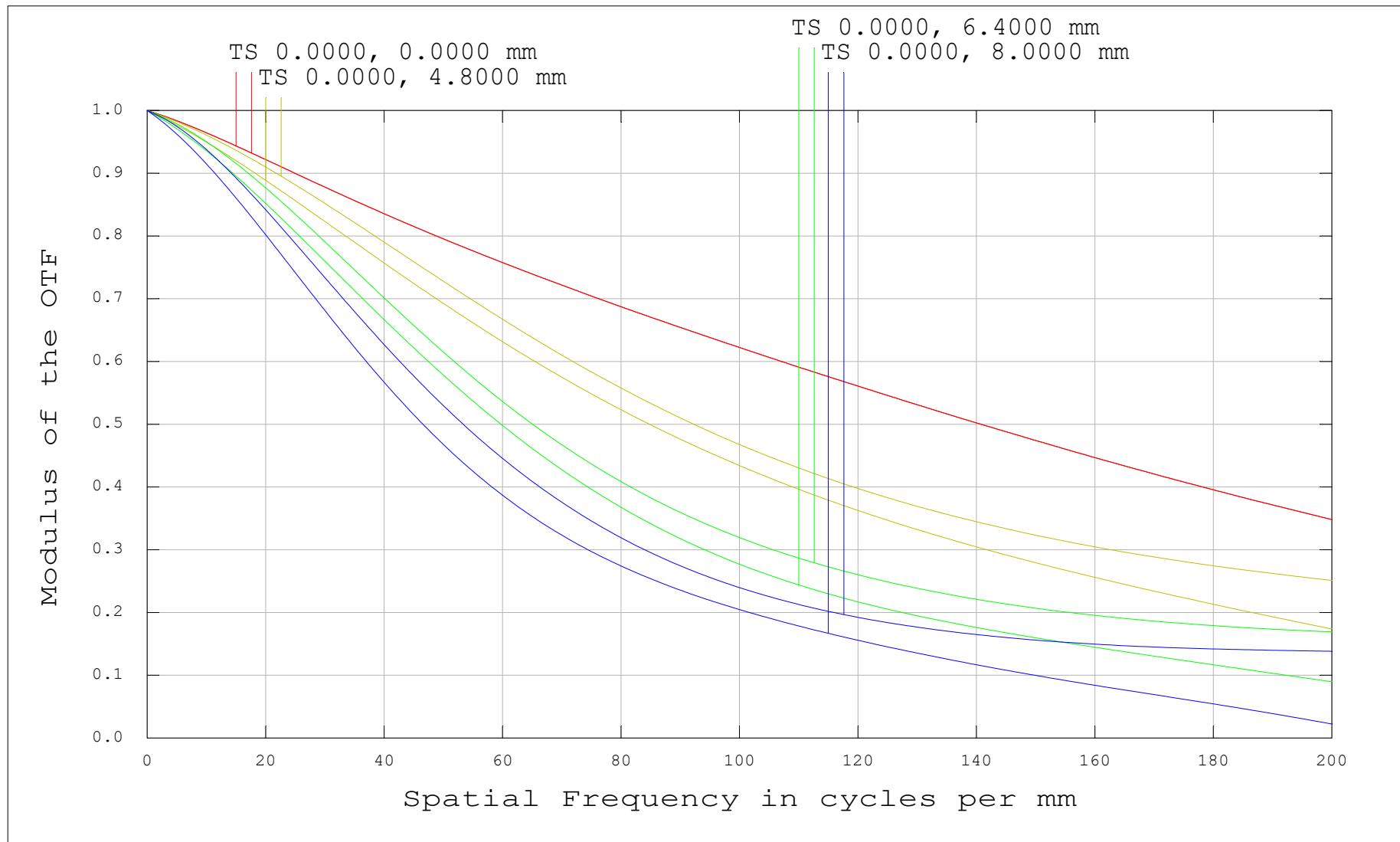
Field Curvature / F-Tan(Theta) Distortion

LM25HC-VIS-SW (25mm F1.8)

Maximum Field is 18.025 Degrees.

Wavelengths: 1.400





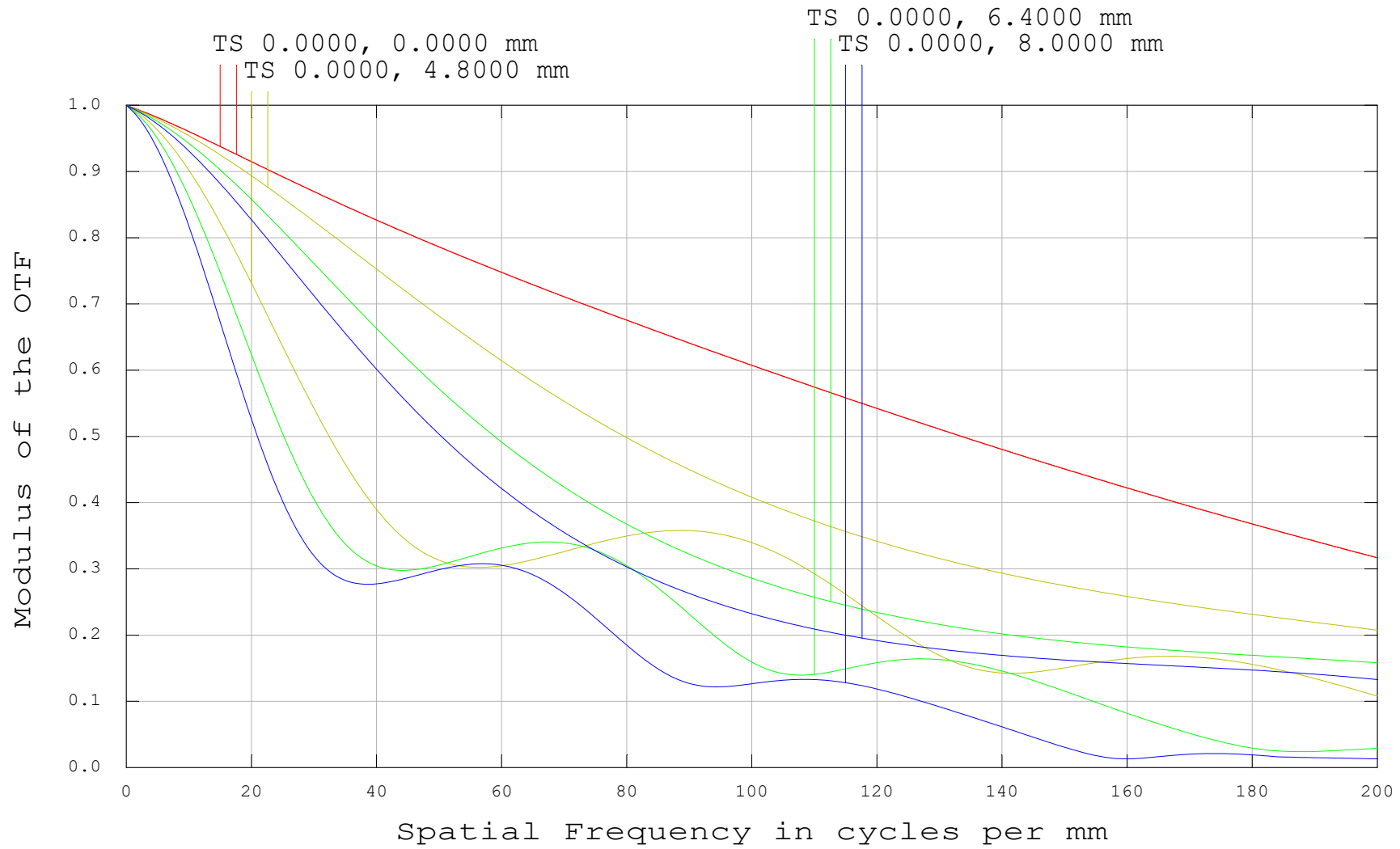
Polychromatic Diffraction MTF

LM25HC-VIS-SW (25mm F1.8)

Data for 1.2000 to 1.2000  $\mu\text{m}$ .

Surface: Image

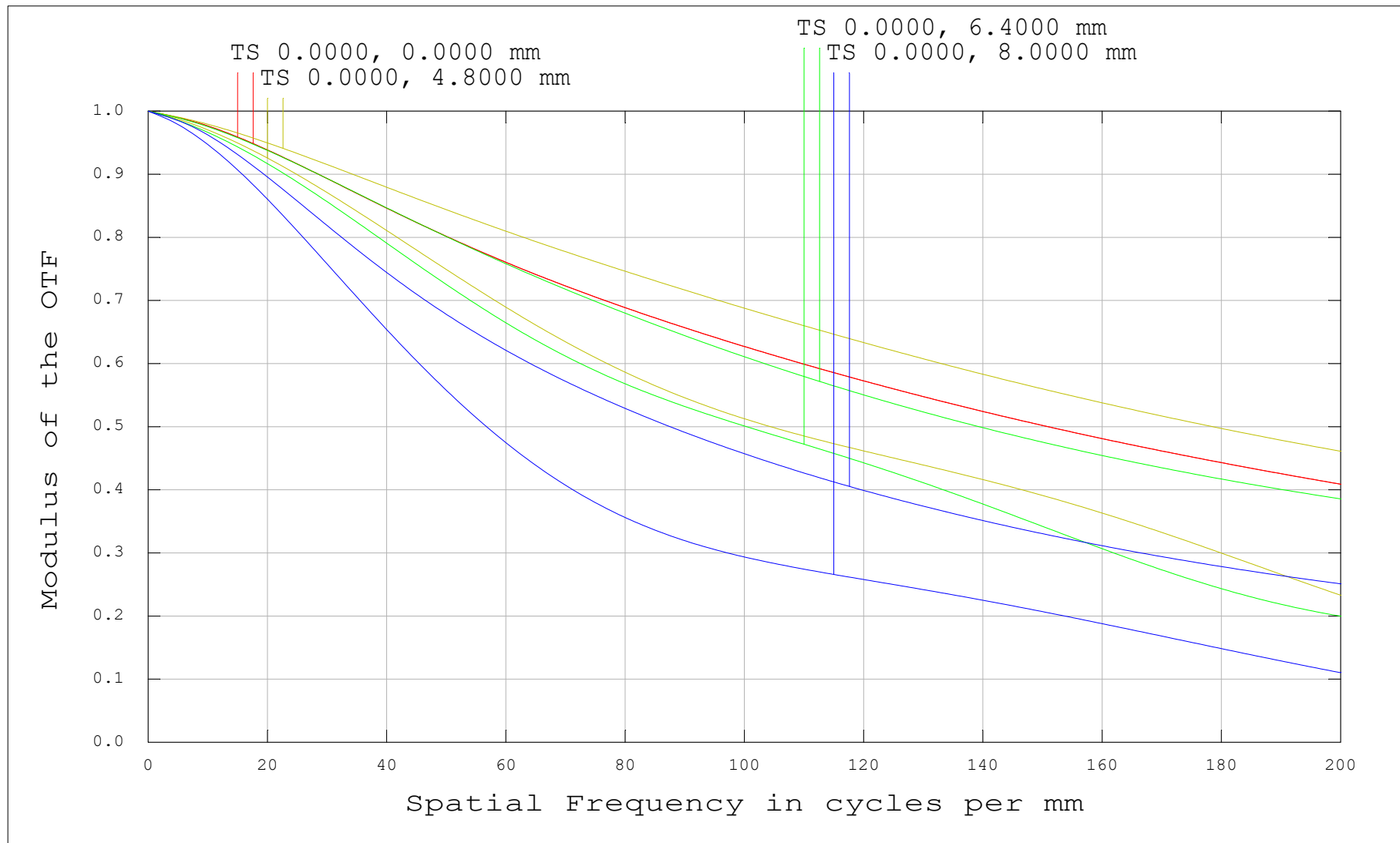




Polychromatic Diffraction MTF

LM25HC-VIS-SW (25mm F1.8)  
 Data for 0.9000 to 1.7000  $\mu\text{m}$ .  
 Surface: Image



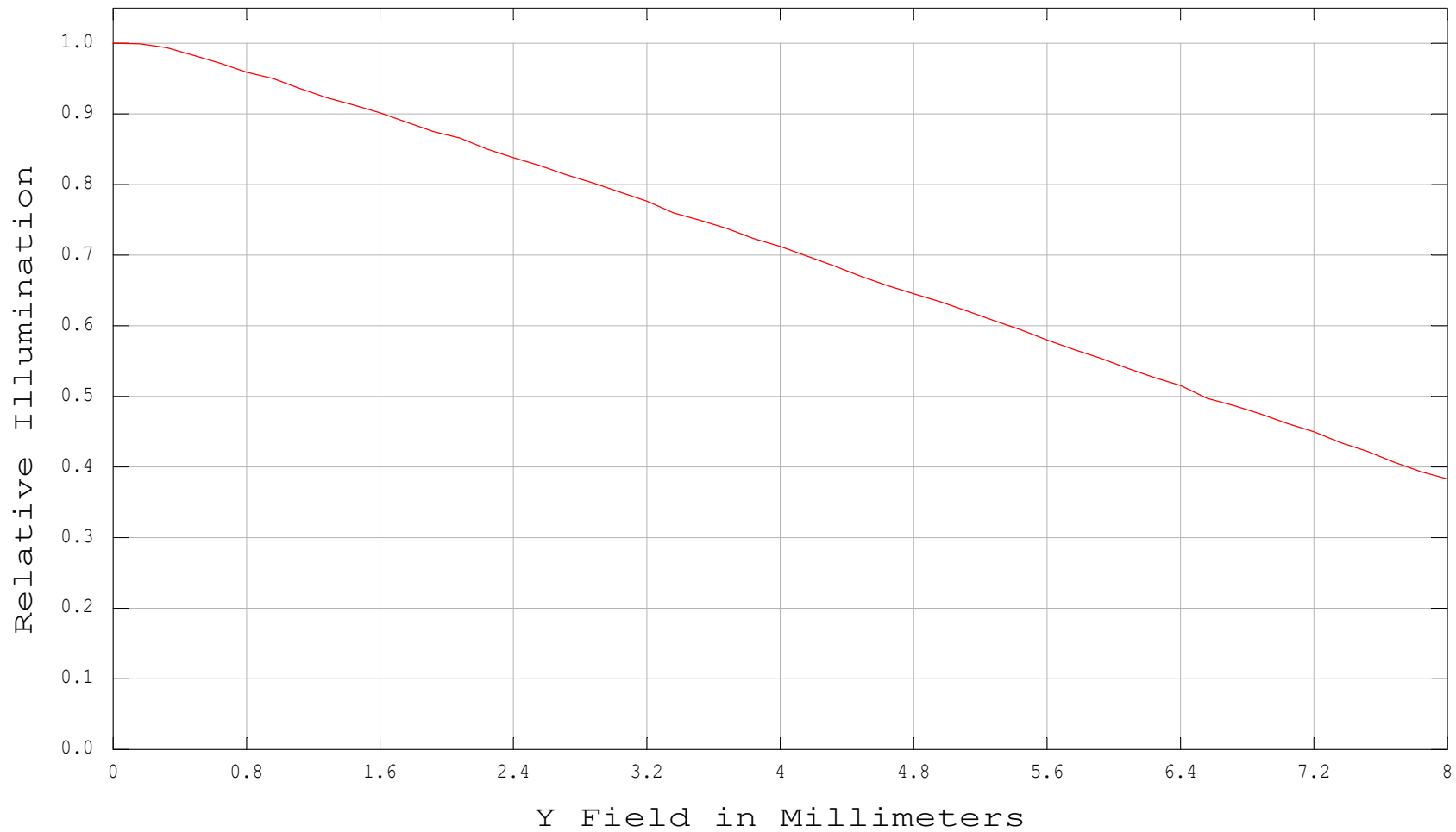


Polychromatic Diffraction MTF

LM25HC-VIS-SW (25mm F1.8)

Data for 0.4358 to 0.8500  $\mu\text{m}$ .  
Surface: Image





Relative Illumination

LM25HC-VIS-SW (25mm F1.8)

Wavelength: 0.587562  $\mu\text{m}$





# LM25HC-VIS-SW Transmission

