

1" 2.5/50mm C		1"	2/3"	1/1.8"
FOCAL LENGTH		f=50mm		
F-NUMBER		F=2.5-16		
PICTURE SIZE		9.6x12.8mm	6.6x8.8mm	5.4x7.2mm
ANGLE OF VIEW (∞)	VER. ANGLE	11.0°	7.6°	6.2°
	HOR. ANGLE	14.6°	10.0°	8.2°
	DIA. ANGLE	18.2°	12.6°	10.3°
DISTORTION (TV)		-0.11%	-0.06%	-0.04%
FIELD OF VIEW (MINIMUM FOCUS DISTANCE)	VER.	95mm	66mm	54mm
	HOR.	127mm	87mm	71mm
	DIA.	159mm	109mm	89mm
MINIMUM FOCUS DISTANCE		0.5m		
FLANGE BACK		17.526mm in air		
BACK FOCUS		34.9mm in air		
FILTER SCREW SIZE		M30.5x0.5		
FRONT/REAR EFFECTIVE DIA.		FRONT φ23.1mm	REAR φ17.7mm	
MOUNT		C-MOUNT		
EXIT PUPIL		-115.2mm		
TEMPERATURE RANGE		-10~+50°C		
STORAGE TEMPERATURE RANGE		-20~+60°C		
RESOLUTION CENTER/CORNER		CENTER 160lp/mm	CORNER 100lp/mm	
WEIGHT		155g		

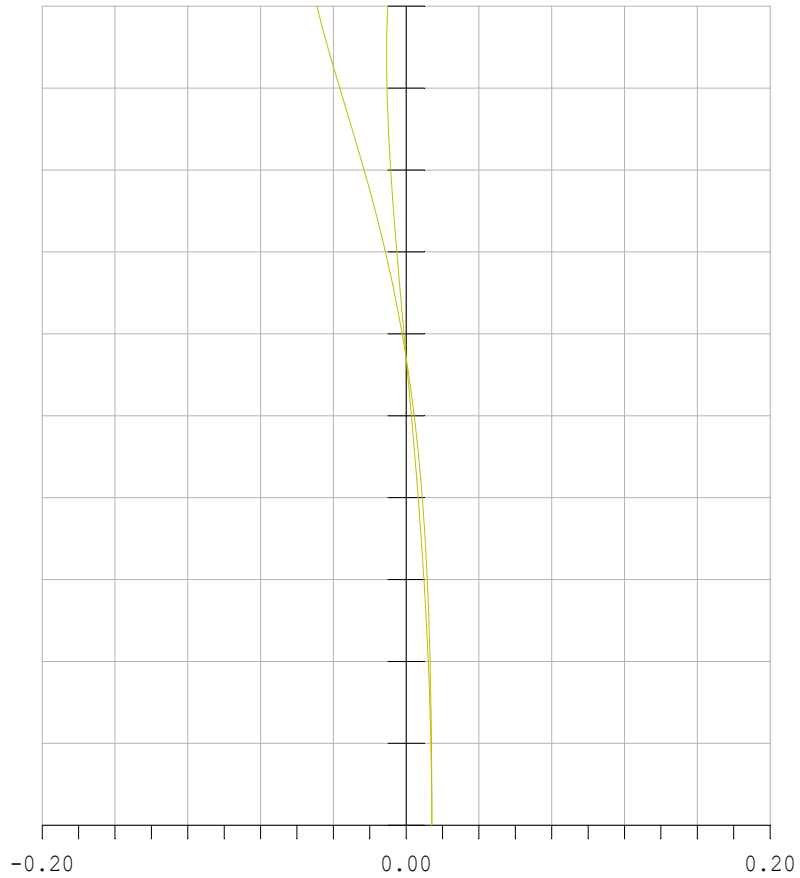
NOTE: Specifications and availability are subject to change without notice  
 注) 本仕様については、予告なしに変更する場合があります。



		尺度	1/1	工場番号	LM50HC-VS
		機種名	1" f=50mm F2.5 VIS-SWIR		
		機種番	LM50HC-VIS-SW		
2020.09.15	作成年月日				S10-707

Field Curvature

T S  
+Y

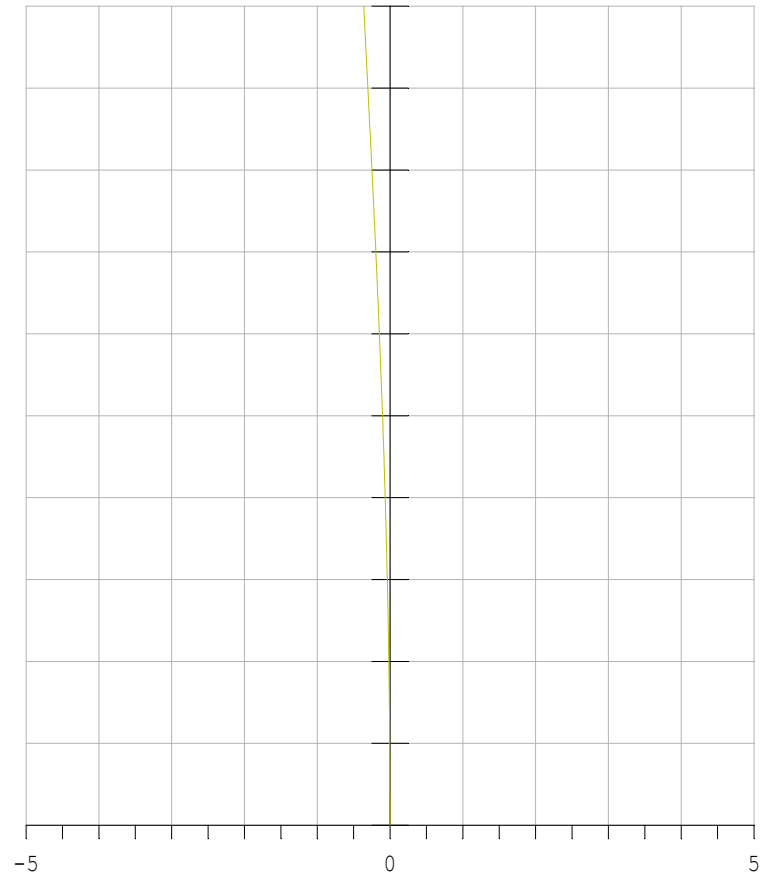


Millimeters

Field units changed to field angle

Distortion

+Y



Percent

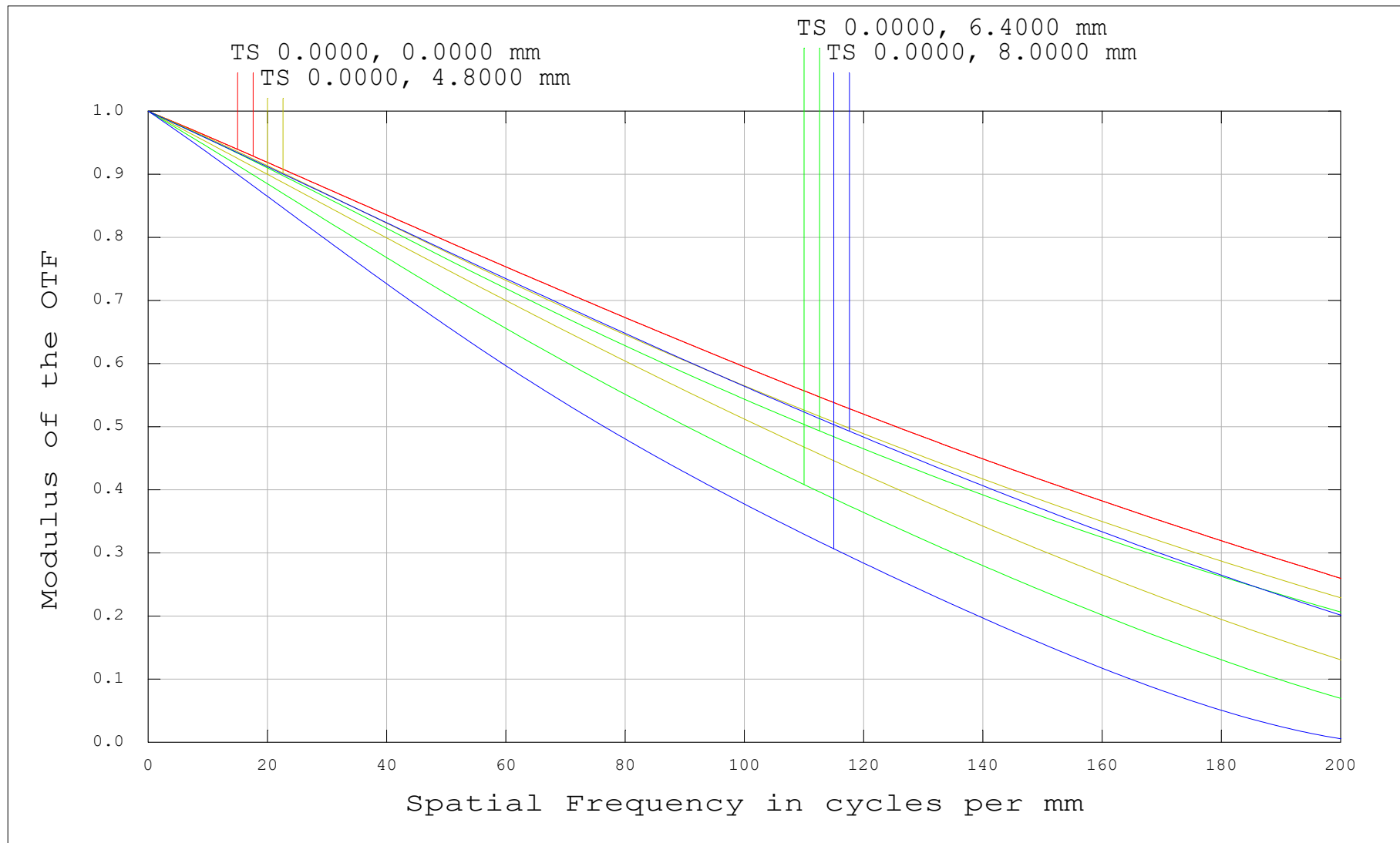
Field Curvature / F-Tan(Theta) Distortion

LM50HC-VIS-SW (50mm F2.5)

Maximum Field is 9.055 Degrees.

Wavelengths: 1.400



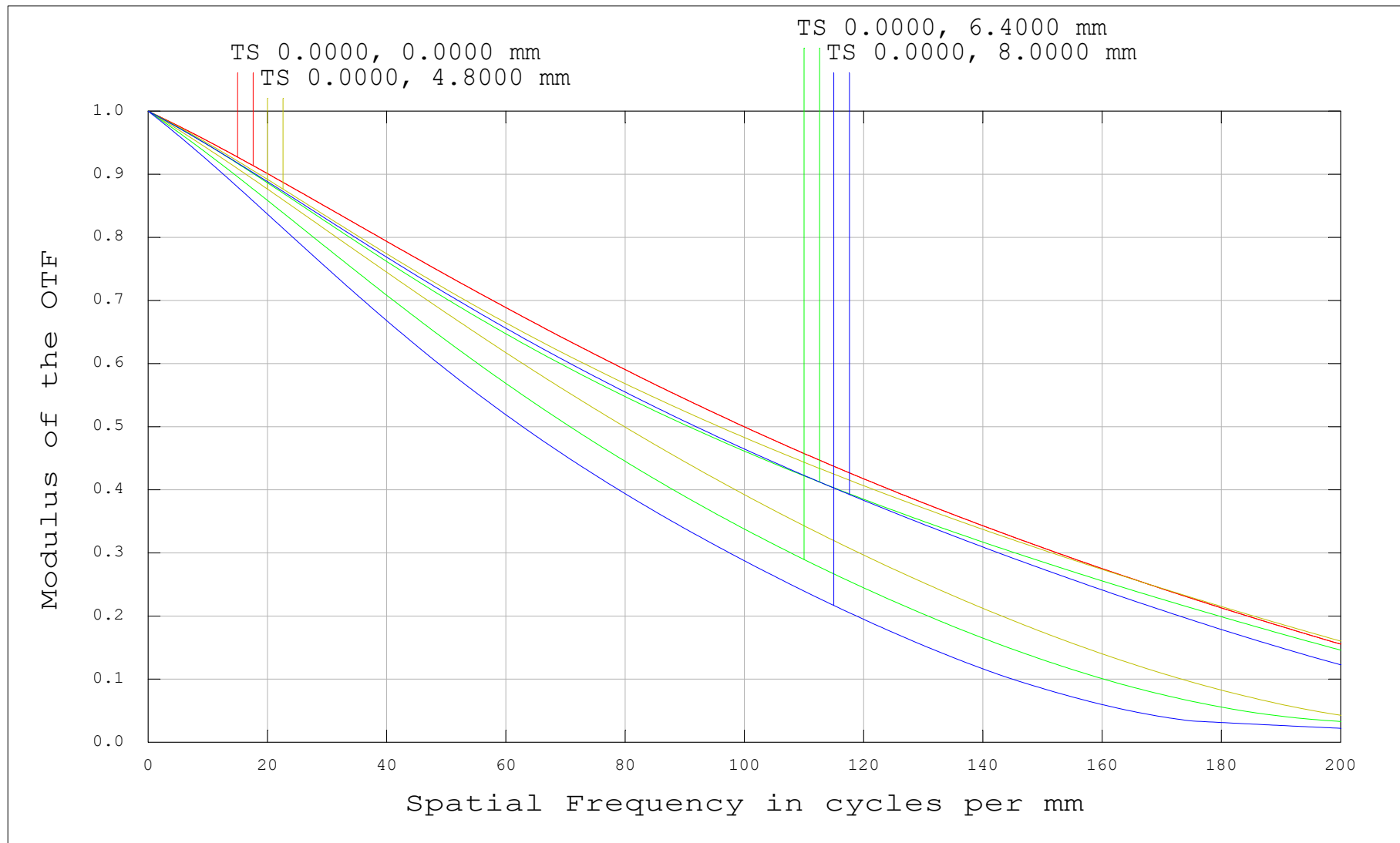


Polychromatic Diffraction MTF

LM50HC-VIS-SW (50mm F2.5)

Data for 1.2000 to 1.2000 μm.  
 Surface: Image



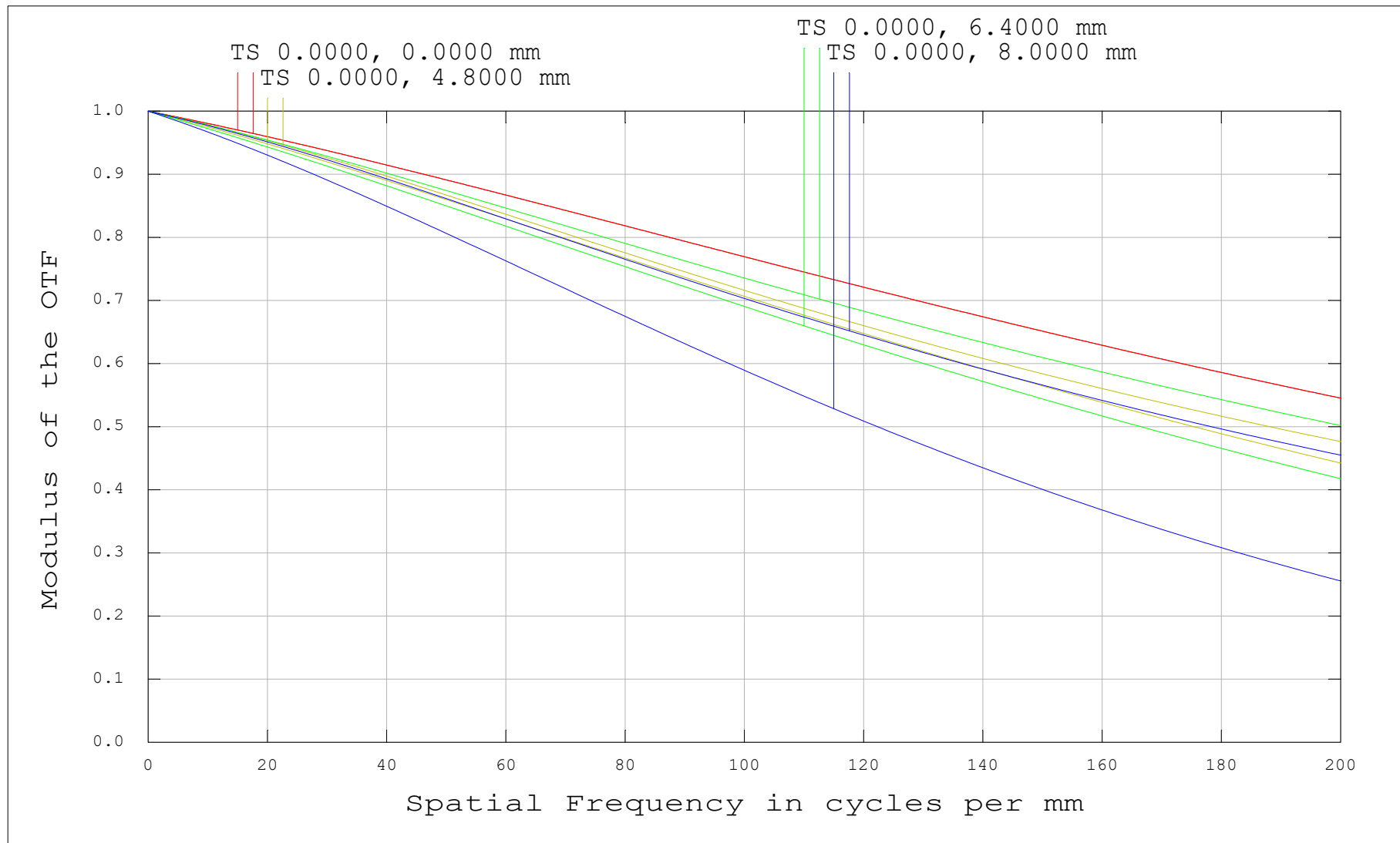


Polychromatic Diffraction MTF

LM50HC-VIS-SW (50mm F2.5)

Data for 0.9000 to 1.7000  $\mu\text{m}$ .  
Surface: Image

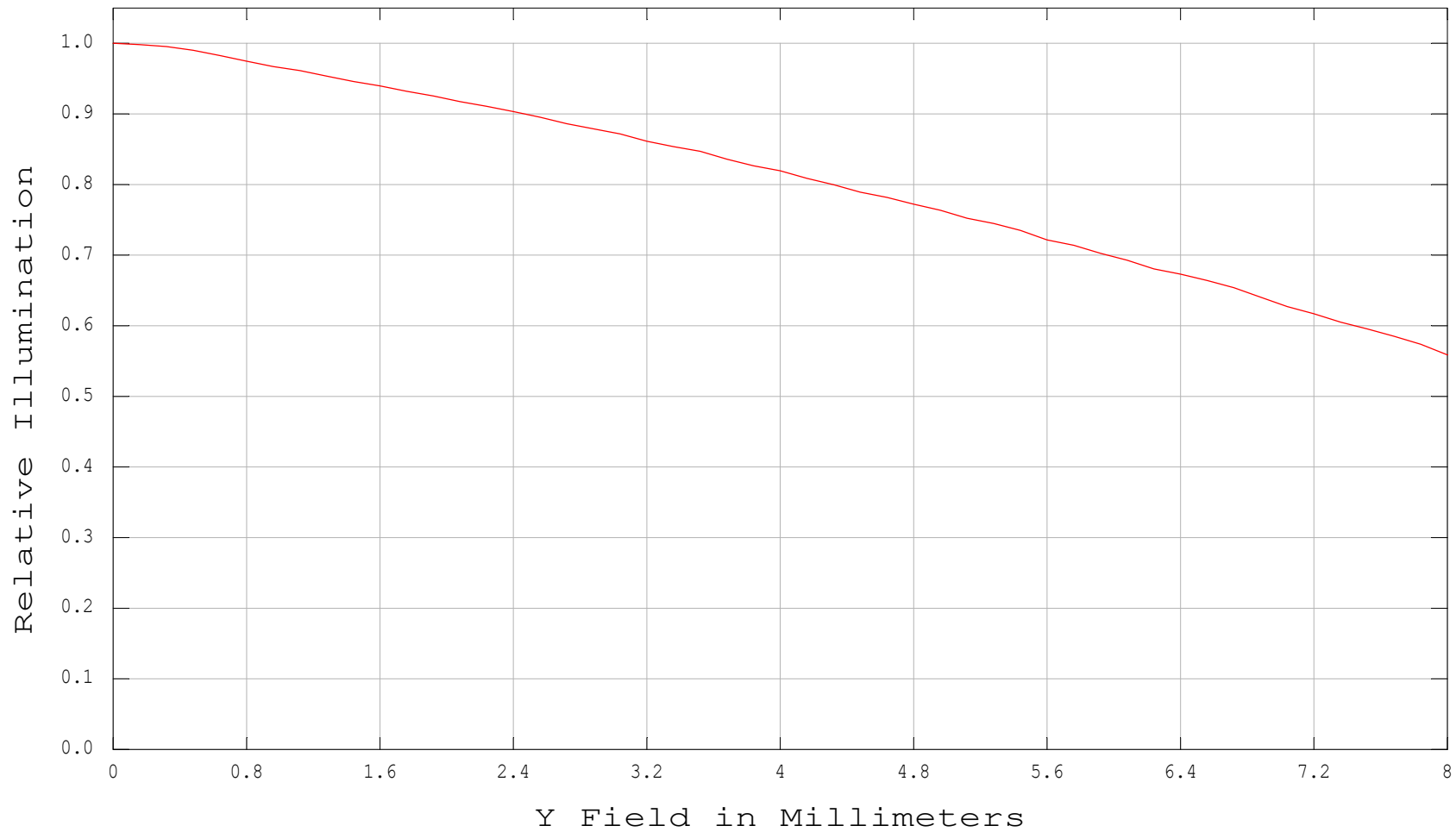




Polychromatic Diffraction MTF

LM50HC-VIS-SW (50mm F2.5)  
 Data for 0.4358 to 0.8500  $\mu\text{m}$ .  
 Surface: Image





Relative Illumination

LM50HC-VIS-SW (50mm F2.5)

Wavelength: 0.656273  $\mu\text{m}$





# Transmission

