

1" 1.8/12mm C		1"	2/3"	1/1.8"
FOCAL LENGTH		f=12mm		
F-NUMBER		F=1.8-16		
PICTURE SIZE		9.6x12.8mm	6.6x8.8mm	5.4x7.2mm
ANGLE OF VIEW (∞)	VER. ANGLE	44.5°	31.1°	25.5°
	HOR. ANGLE	58.0°	41.0°	33.8°
	DIA. ANGLE	70.1°	50.5°	41.9°
DISTORTION (TV)		-1.6%	-0.97%	-0.69%
FIELD OF VIEW (MINIMUM FOCUS DISTANCE)	VER.	175mm	119mm	97mm
	HOR.	237mm	160mm	130mm
	DIA.	300mm	202mm	164mm
MINIMUM FOCUS DISTANCE		0.2m		
FLANGE BACK		17.526mm in air		
BACK FOCUS		11.1mm in air		
FILTER SCREW SIZE		M34x0.5		
FRONT/REAR EFFECTIVE DIA.		FRONT φ23.2mm	REAR φ14.7mm	
MOUNT		C-MOUNT		
EXIT PUPIL		-46.6mm		
TEMPERATURE RANGE		-10~+50°C		
STORAGE TEMPERATURE RANGE		-20~+60°C		
RESOLUTION CENTER/CORNER		CENTER 160lp/mm	CORNER 100lp/mm	
WEIGHT		175g		

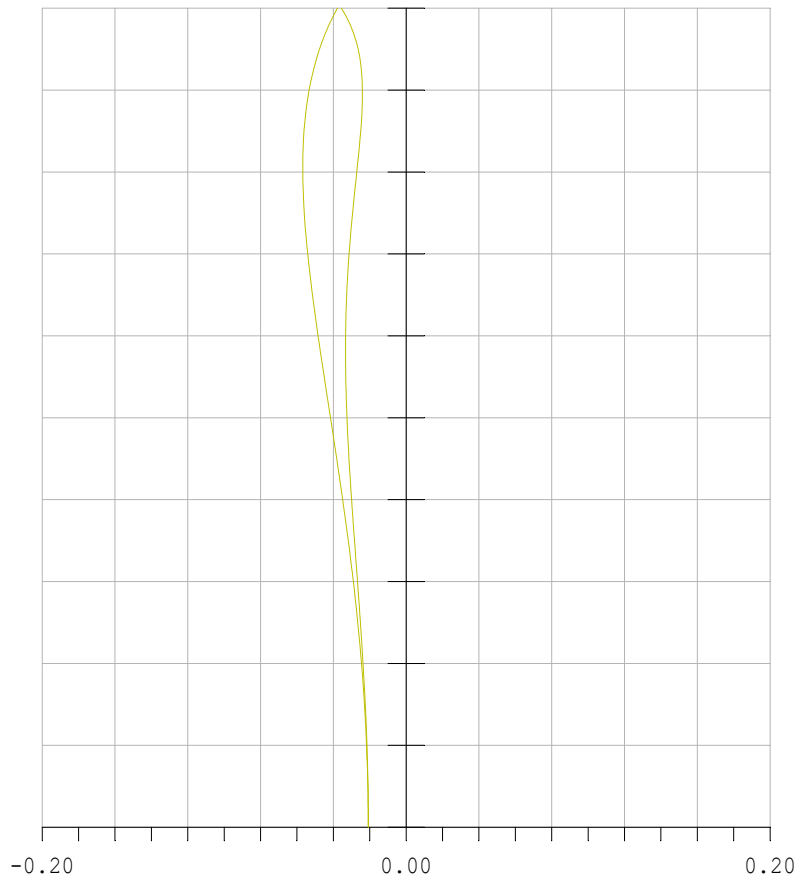
NOTE: Specifications and availability are subject to change without notice
 注) 本仕様については、予告なしに変更する場合があります。



		尺度	1/1	工場番号	LM12HC-VS
		機種名	1" f=12mm F1.8 VIS-SWIR		
		機種番	LM12HC-VIS-SW		
2020.09.15	作成年月日				S10-588

Field Curvature

S T
+Y

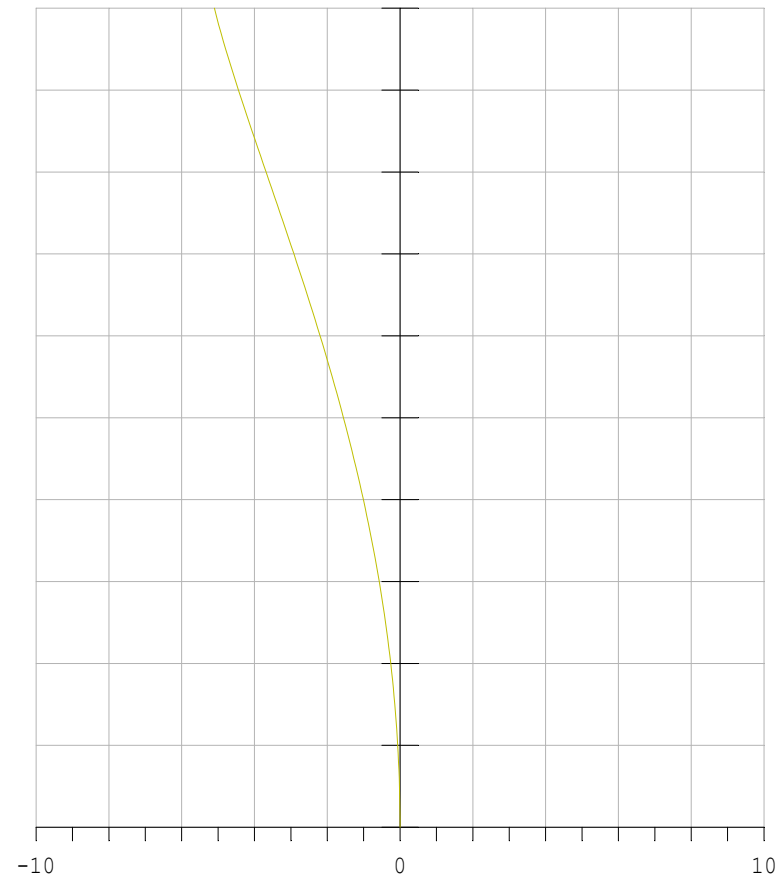


Millimeters

Field units changed to field angle

Distortion

+Y



Percent

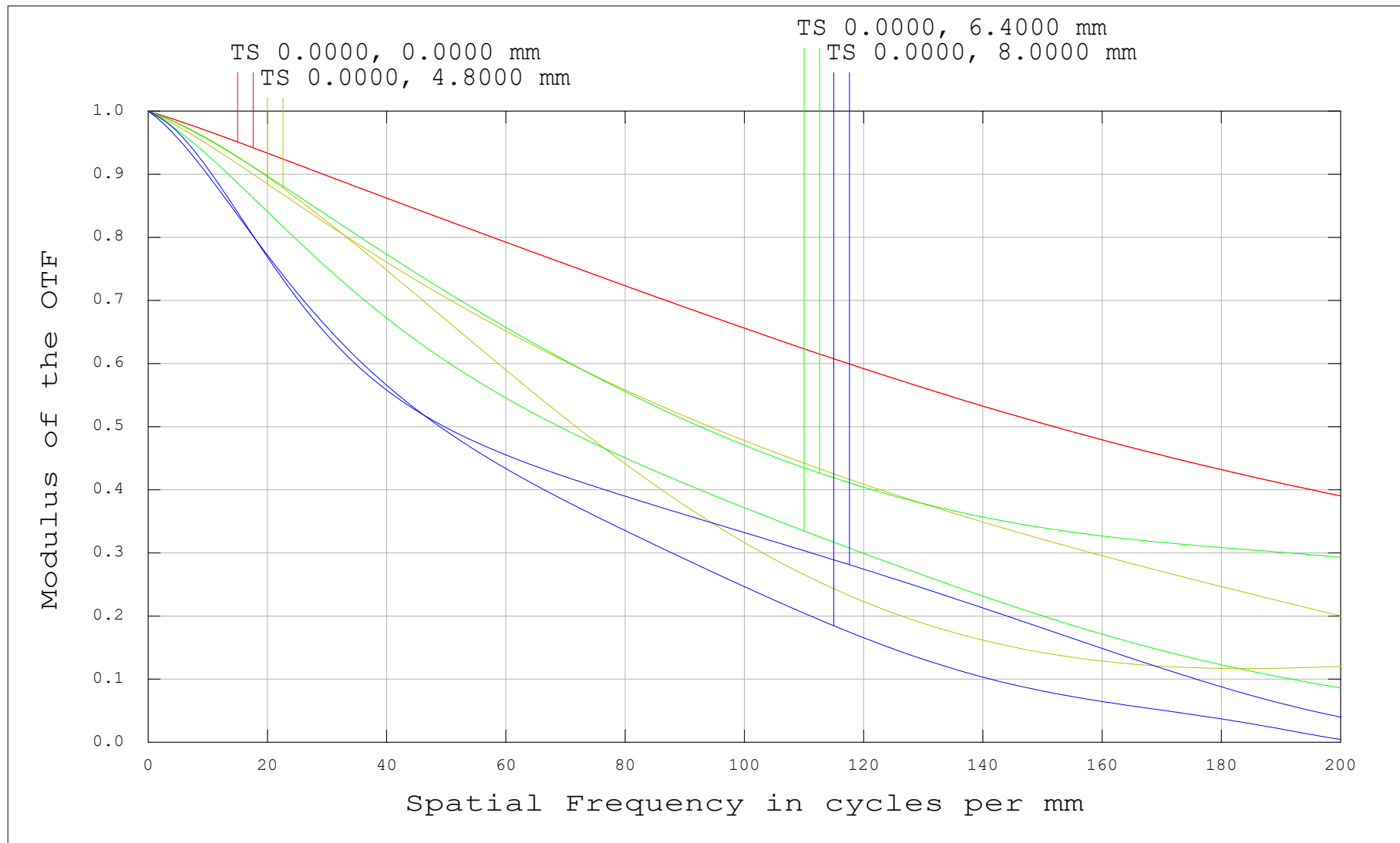
Field Curvature / F-Tan(Theta) Distortion

LM12HC-VIS-SW (12mmF1.8)

Maximum Field is 34.839 Degrees.

Wavelengths: 1.400



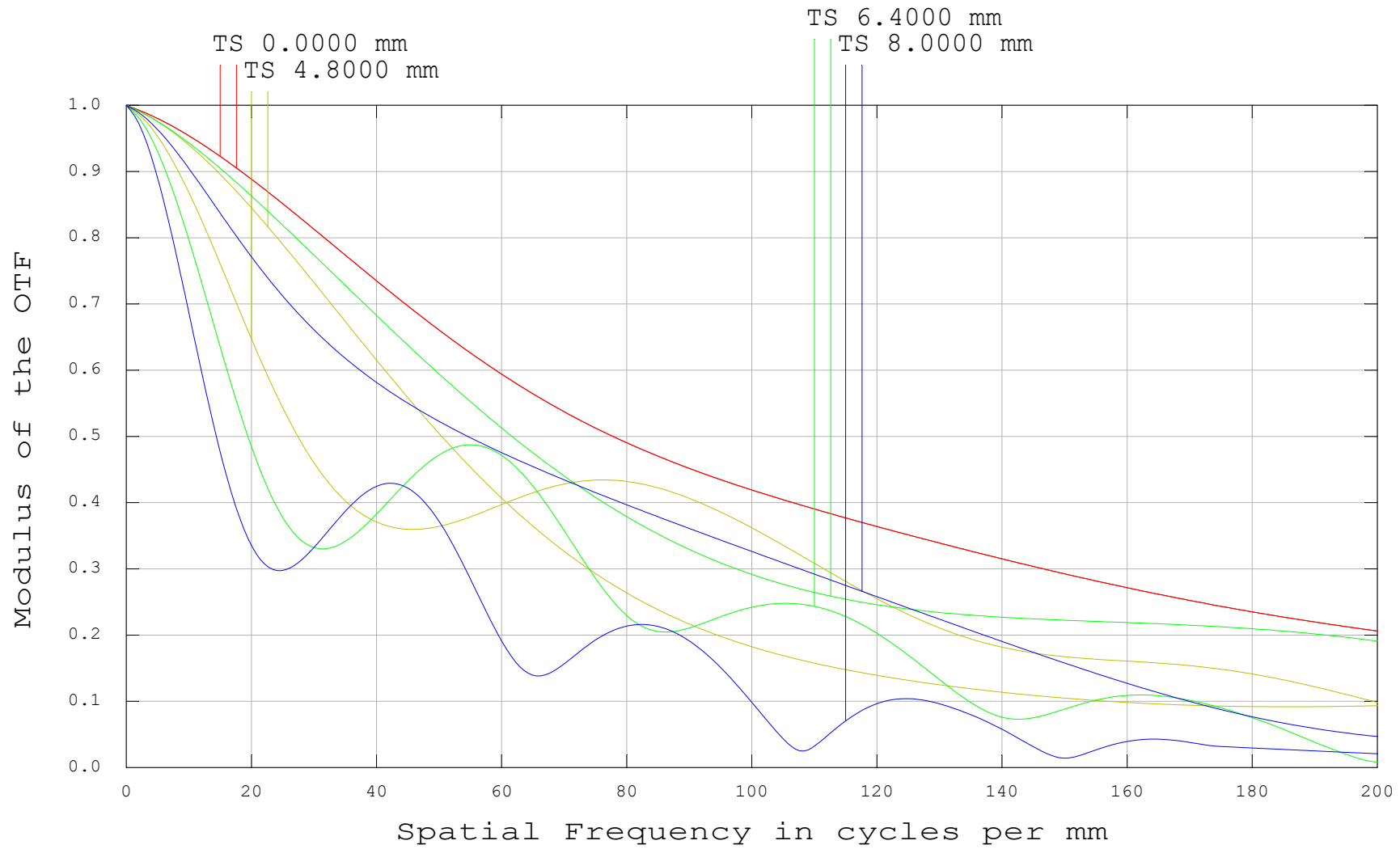


Polychromatic Diffraction MTF

LM12HC-VIS-SW (12mmF1.8)

Data for 1.2000 to 1.2000 μm .
Surface: Image

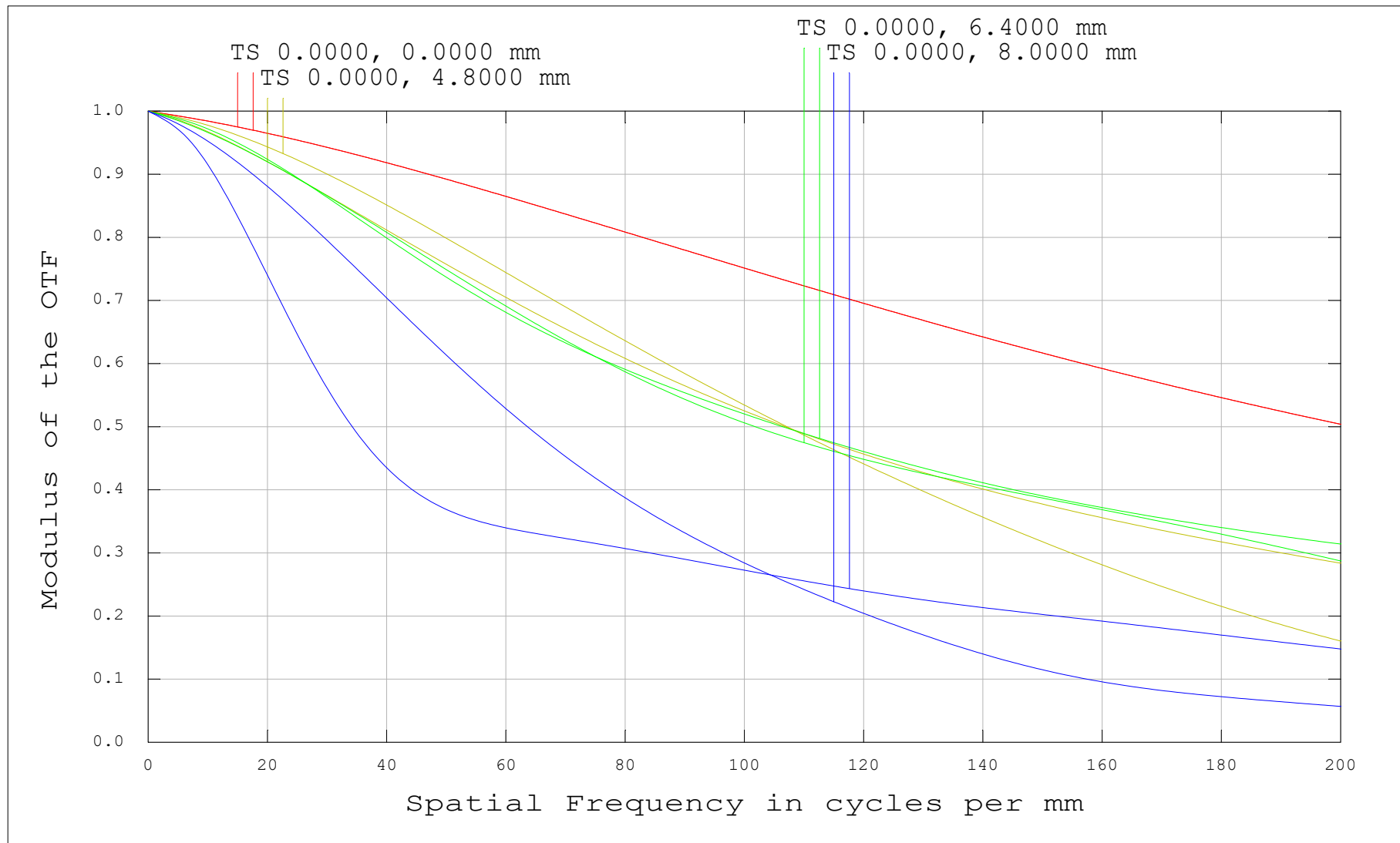




Polychromatic Diffraction MTF

LM12HC-VIS-SW (12mmF1.8)
 Data for 0.9000 to 1.7000 μm .
 Surface: Image





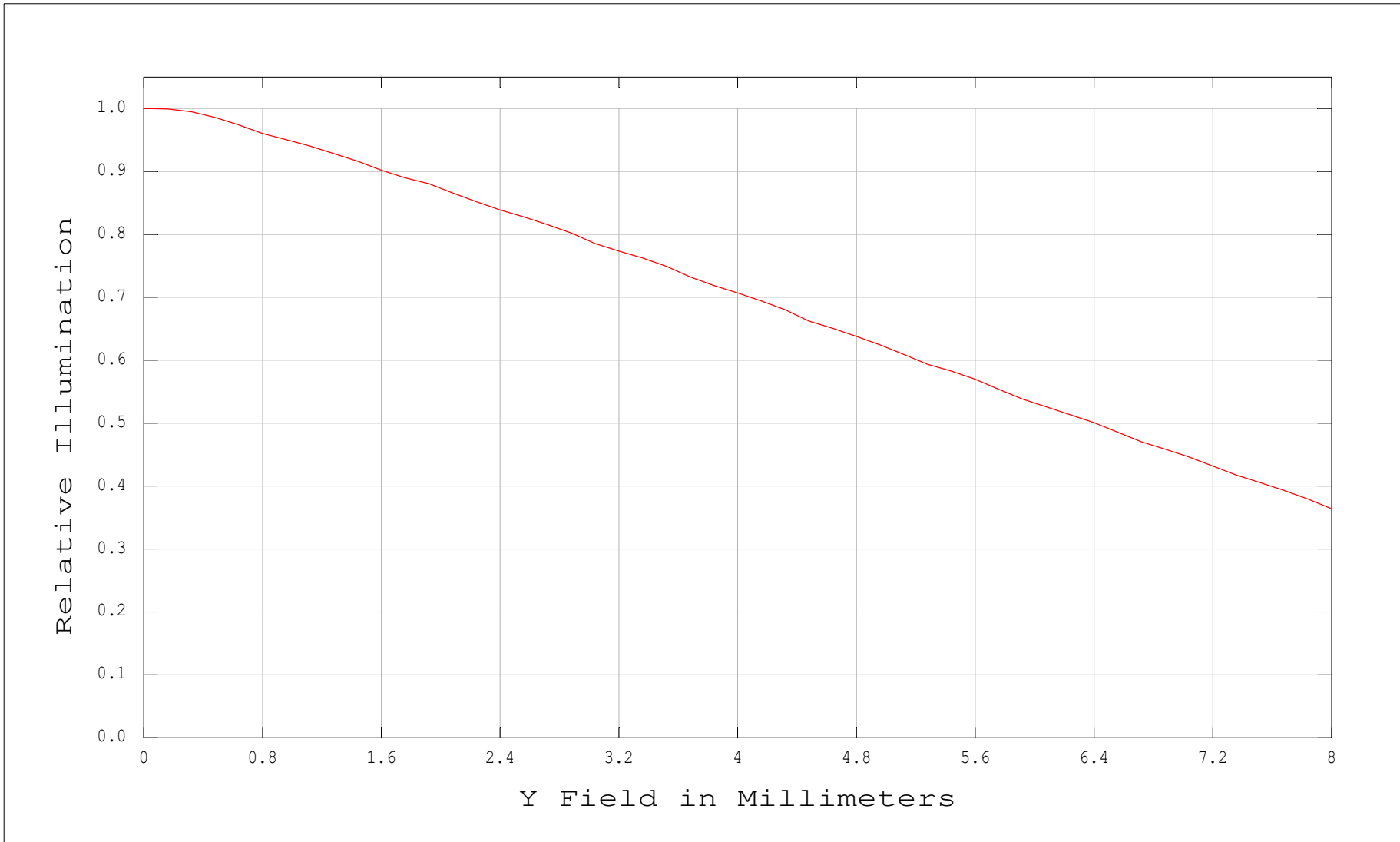
Polychromatic Diffraction MTF

LM12HC-VIS-SW (12mmF1.8)

Data for 0.4358 to 0.8500 μm .

Surface: Image





Relative Illumination

LM12HC-VIS-SW (12mmF1.8)

Wavelength: 0.587562 μm





Transmission

