

1" 1.8/16mm C	1"	2/3"	1/1.8"
FOCAL LENGTH	f=16mm		
F-NUMBER	F=1.8-16		
PICTURE SIZE	9.6x12.8mm	6.6x8.8mm	5.4x7.2mm
ANGLE OF VIEW (∞)	VER. ANGLE	33.6°	23.3°
	HOR. ANGLE	44.2°	31.0°
	DIA. ANGLE	54.2°	38.4°
DISTORTION (TV)	-0.81%	-0.55%	-0.41%
FIELD OF VIEW (MINIMUM FOCUS DISTANCE)	VER.	129mm	88mm
	HOR.	174mm	118mm
	DIA.	220mm	149mm
MINIMUM FOCUS DISTANCE	0.2m		
FLANGE BACK	17.526mm in air		
BACK FOCUS	15.0mm in air		
FILTER SCREW SIZE	M30.5x0.5		
FRONT/REAR EFFECTIVE DIA.	FRONT φ20.6mm		REAR φ15.3mm
MOUNT	C-MOUNT		
EXIT PUPIL	-82.8mm		
TEMPERATURE RANGE	-10~+50°C		
STORAGE TEMPERATURE RANGE	-20~+60°C		
RESOLUTION CENTER/CORNER	CENTER 160lp/mm		CORNER 100lp/mm
WEIGHT	xxxg		

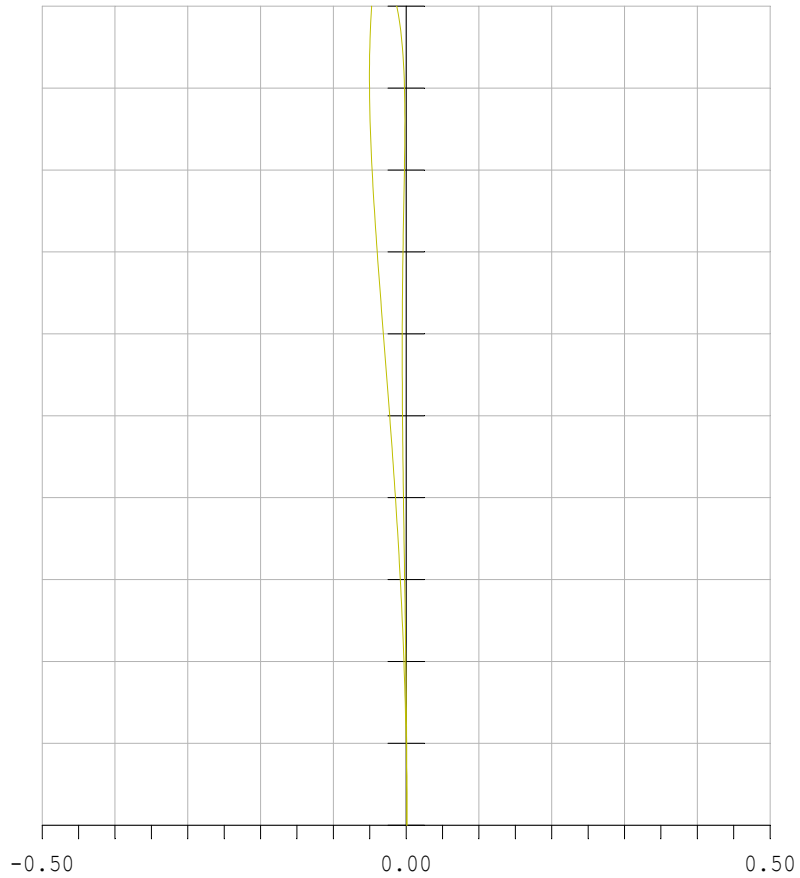
NOTE: Specifications and availability are subject to change without notice  
 注) 本仕様については、予告なしに変更する場合があります。



		尺度	1/1	工場番号	LM16HC-VS
		機種名	1" f=16mm F1.8 VIS-SWIR		
		機種番	LM16HC-VIS-SW		
2020.10.23	作成年月日				S10-704

Field Curvature

S T  
+Y

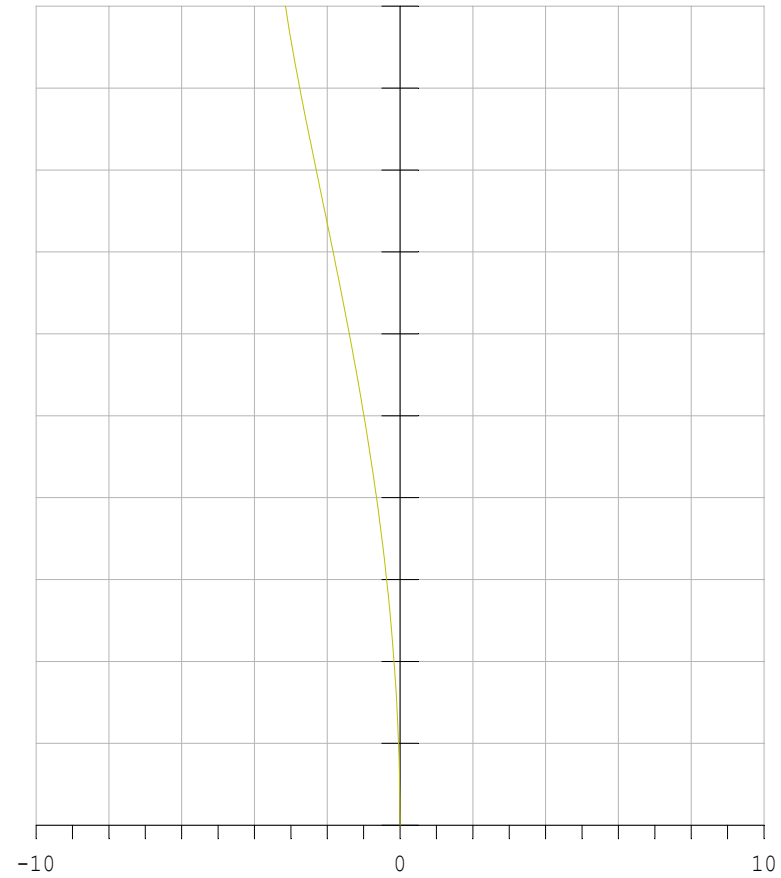


Millimeters

Field units changed to field angle

Distortion

+Y



Percent

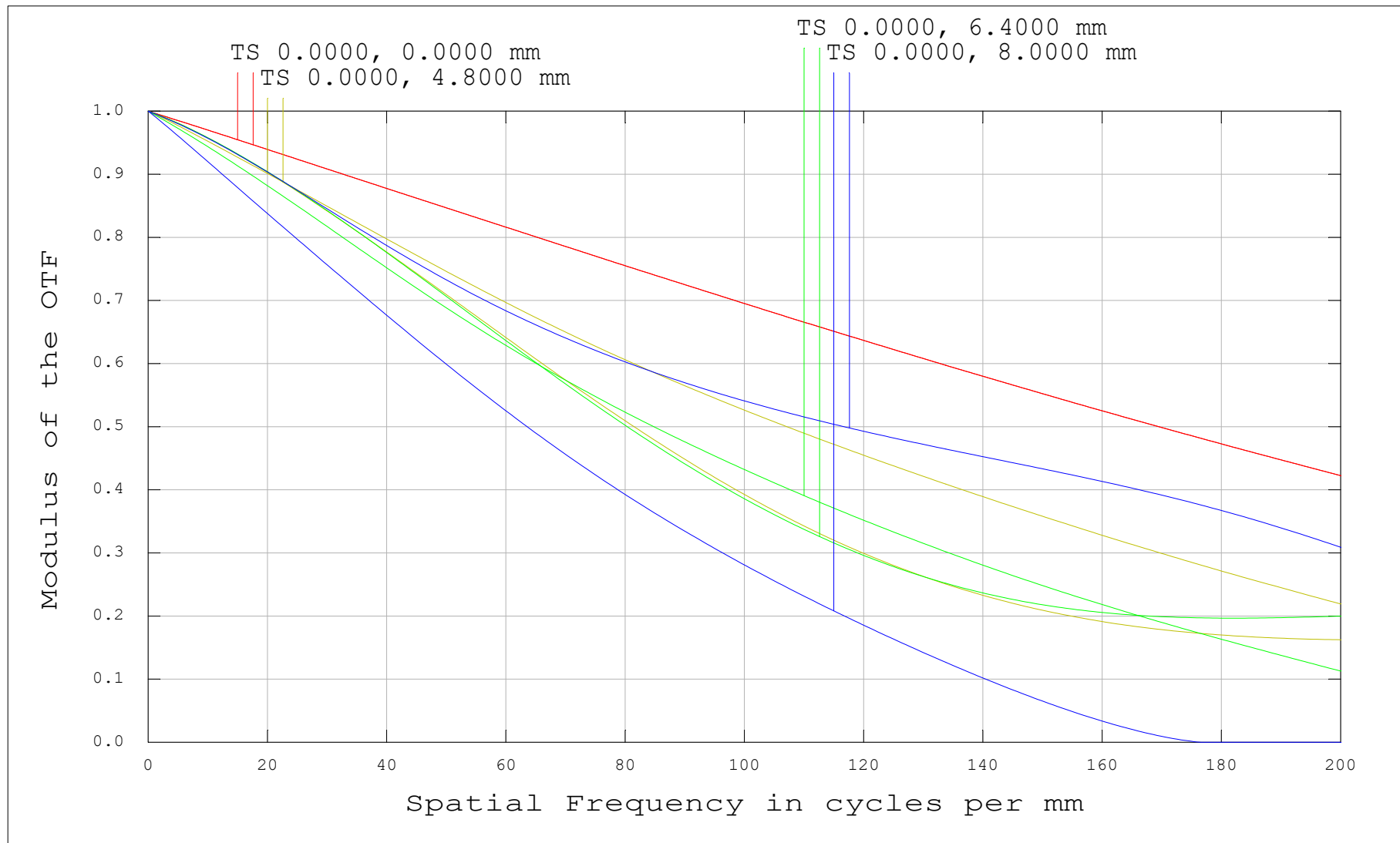
Field Curvature / F-Tan(Theta) Distortion

LM16HC-VIS-SW (16mmF1.8)

Maximum Field is 27.018 Degrees.

Wavelengths: 1.400

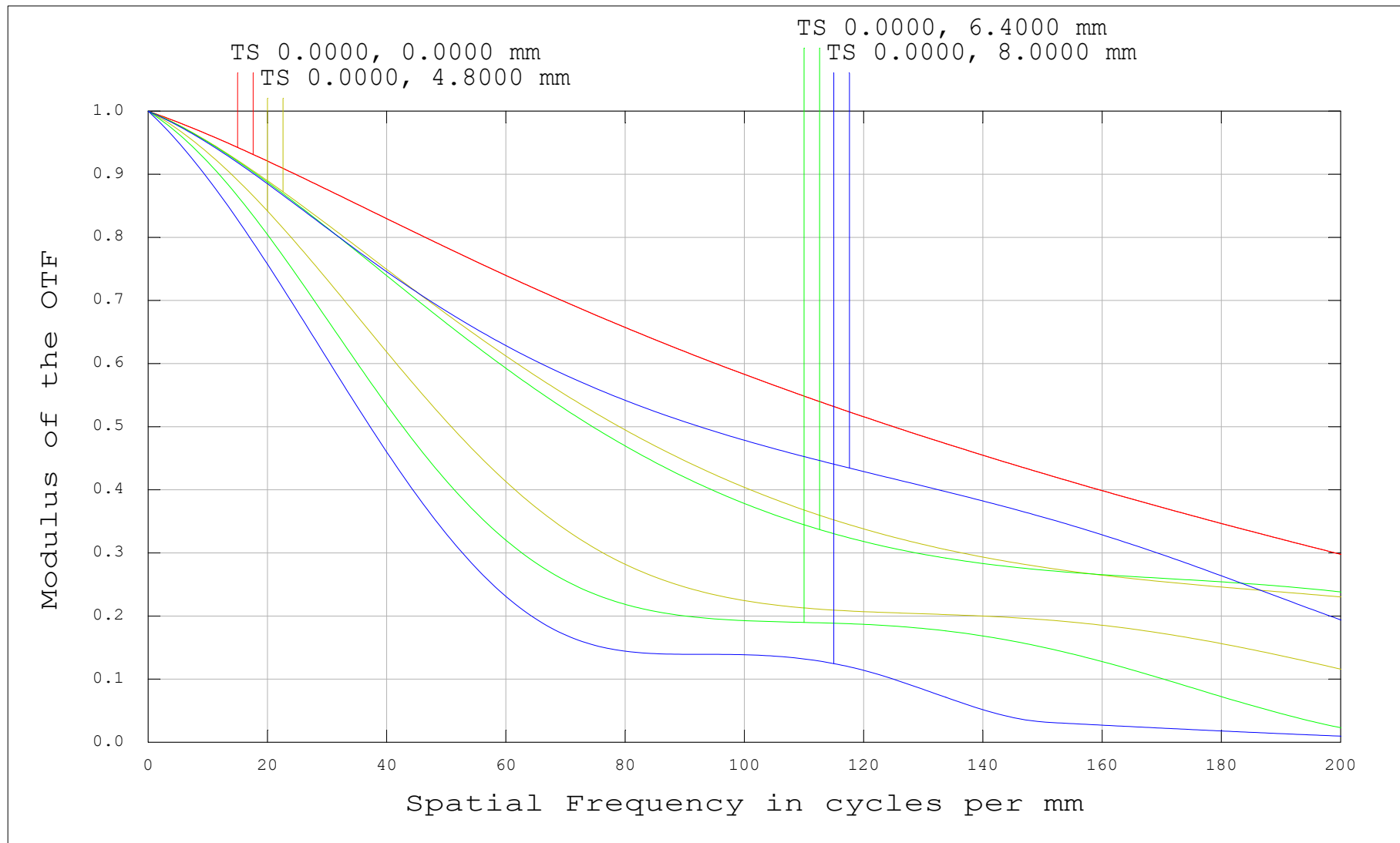




Polychromatic Diffraction MTF

LM16HC-VIS-SW (16mmF1.8)  
 Data for 1.2000 to 1.2000 μm.  
 Surface: Image



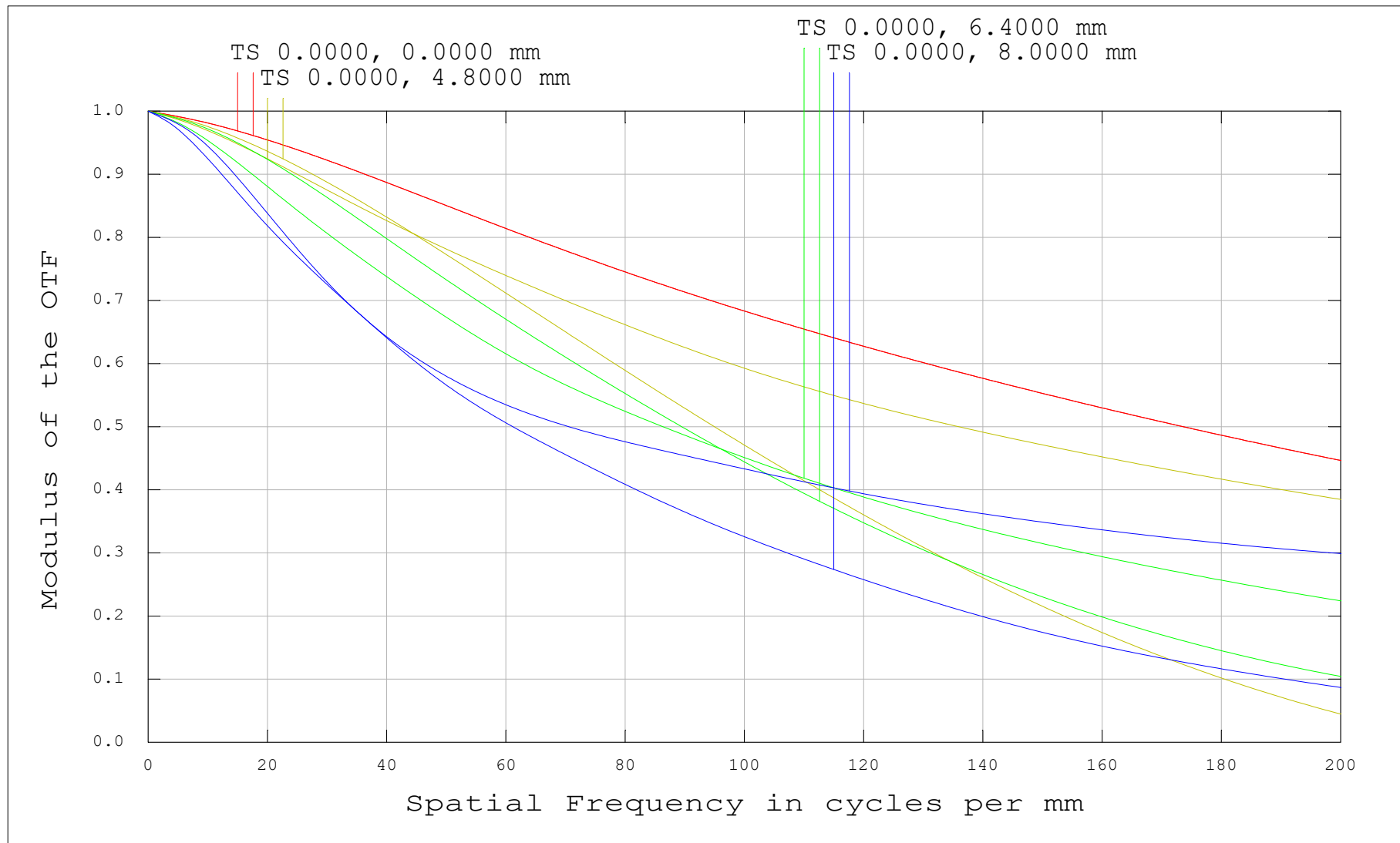


Polychromatic Diffraction MTF

LM16HC-VIS-SW (16mmF1.8)

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



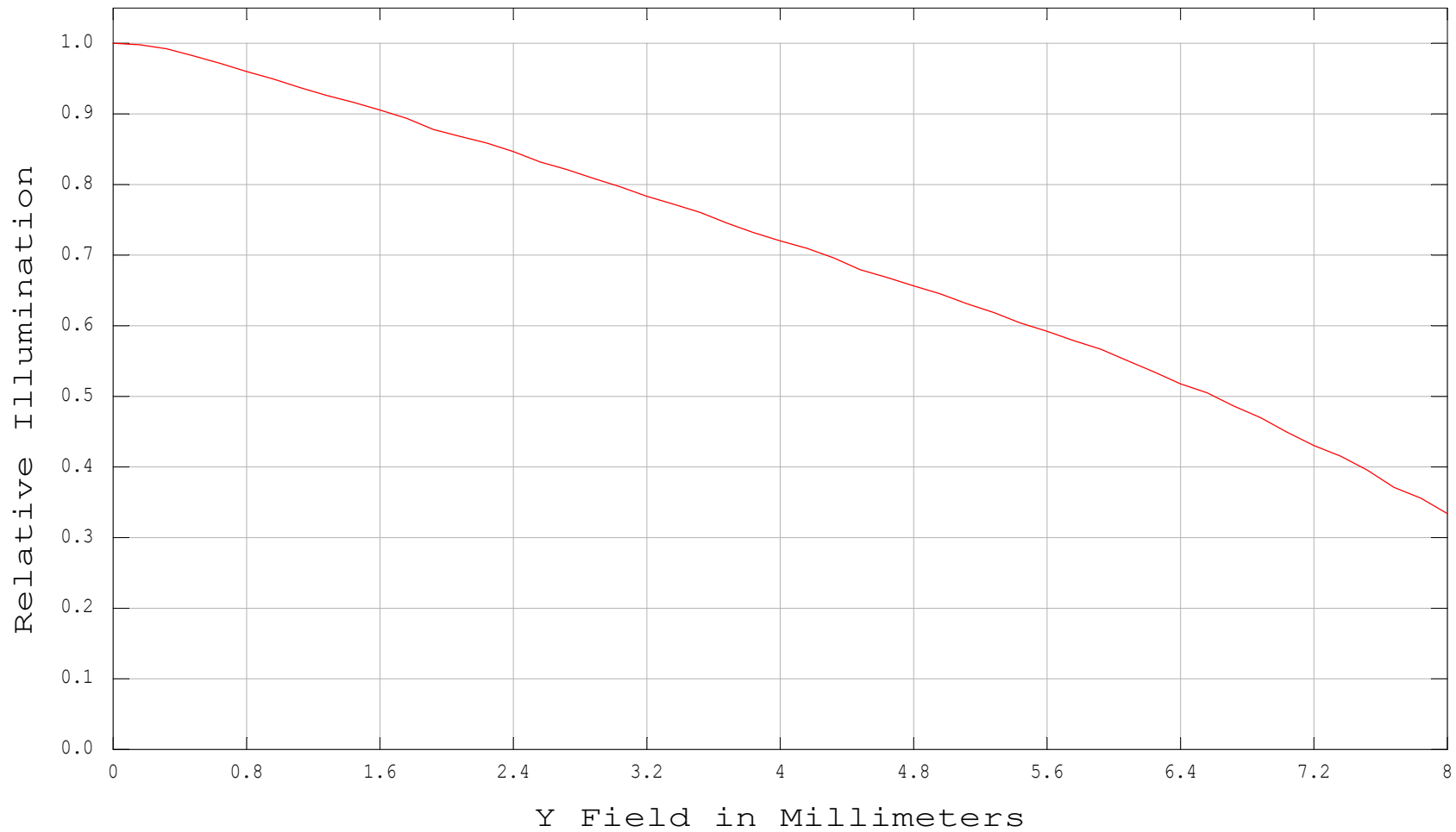


Polychromatic Diffraction MTF

LM16HC-VIS-SW (16mmF1.8)

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





Relative Illumination

LM16HC-VIS-SW (16mmF1.8)

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





# LM16HC-VIS-SW Transmission

