

φ46 2.8/50mm F		Full Size	4/3"	1"
FOCAL LENGTH		f=50mm		
MAX. DIAMETER (RATIO)		F=1:2.8~22		
ELEMENT		9 GROUPS 10 ELEMENTS		
PICTURE SIZE		24x36mm	13.8x18.4mm	9.6x12.8mm
ANGLE	VER. ANGLE	27.1°	15.7°	11.0°
	HOR. ANGLE	39.7°	20.9°	14.6°
	DIA. ANGLE	47.0°	26.0°	18.2°
DISTORTION (TV)		-0.04%		
SHOOTING RANGE AT MINIMUM FOCUS DISTANCE	VER.	108.9mm	62.6mm	43.6mm
	HOR.	162.9mm	83.5mm	58.1mm
	DIA.	195.6mm	104.3mm	72.6mm
MINIMUM FOCUS DISTANCE		0.4m (FROM SENSOR)		
FLANGE BACK		46.5mm in air		
BACK FOCUS		37.7mm in air		
FILTER SCREW SIZE		M52x0.75		
FRONT/REAR EFFECTIVE DIA.		FRONT φ38.8 REAR φ32.0		
MOUNT		TFL-II (M48x0.75)		
EXIT PUPIL		-59.3mm		
TEMPERATURE RANGE		-10~+50°C		
STORAGE TEMPERATURE RANGE		-20~+60°C		
RESOLUTION CENTER/CORNER		CENTER 160lp/mm CORNER 63lp/mm		
WEIGHT		470g		

NOTE: Specifications and availability are subject to change without notice

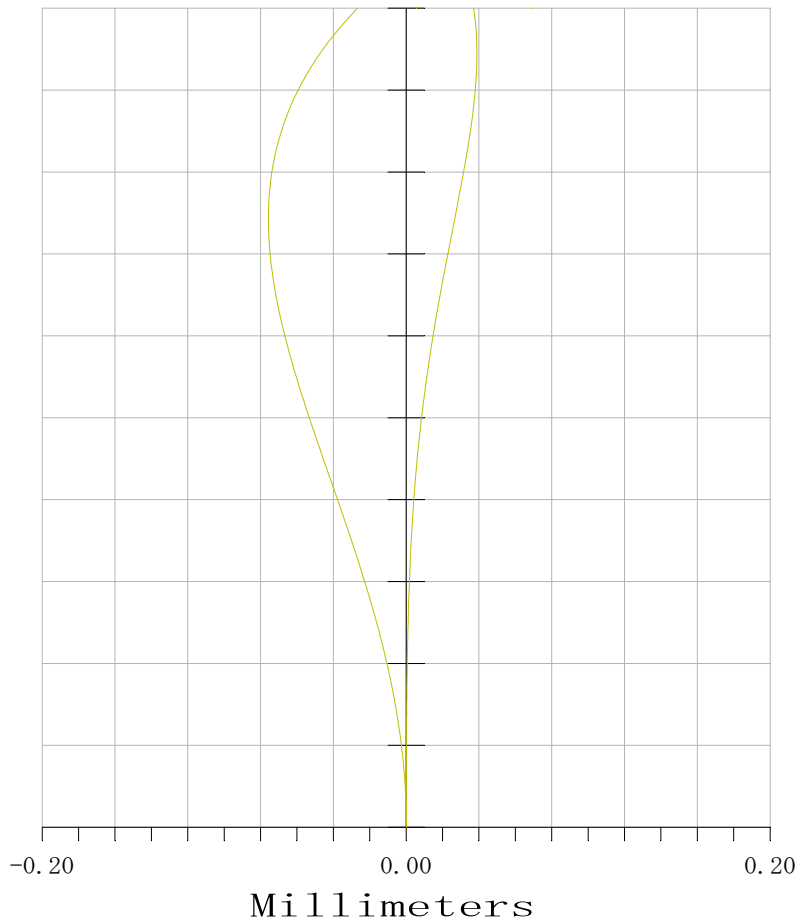
注) 本仕様については、予告なしに変更する場合があります。



		尺度	1/1	工場番号	FS1037T
		機種名	φ46mm F2.8 f=50mm		
2015.4.14	更新	機種番	LM50LF-48 外觀図		
2010.10.15	作成年月日				

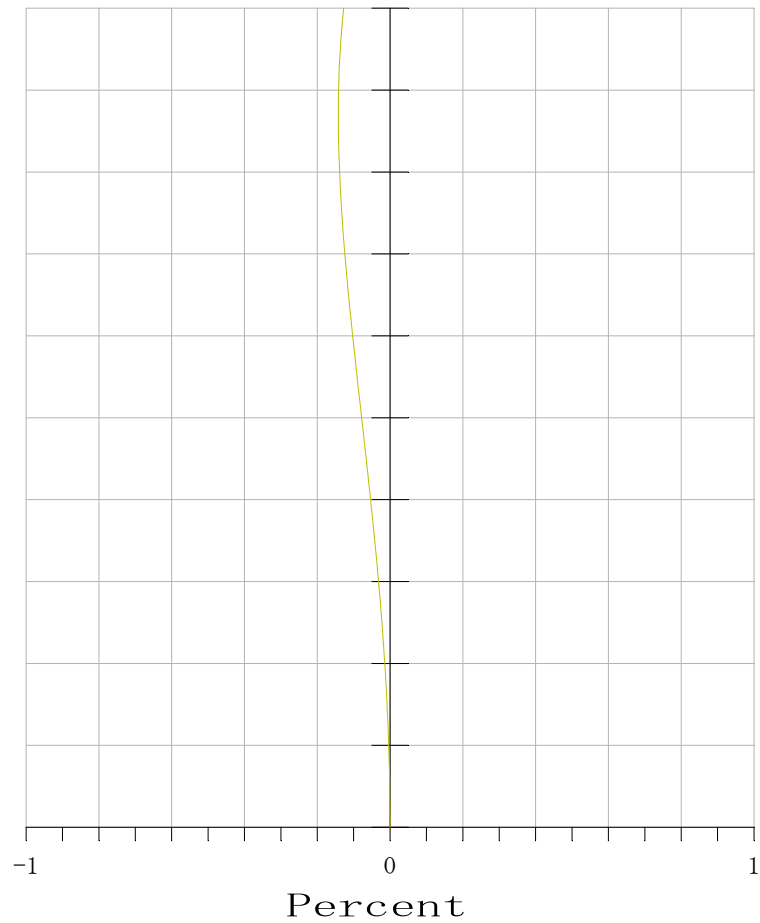
Field Curvature

S +Y T



Distortion

+Y



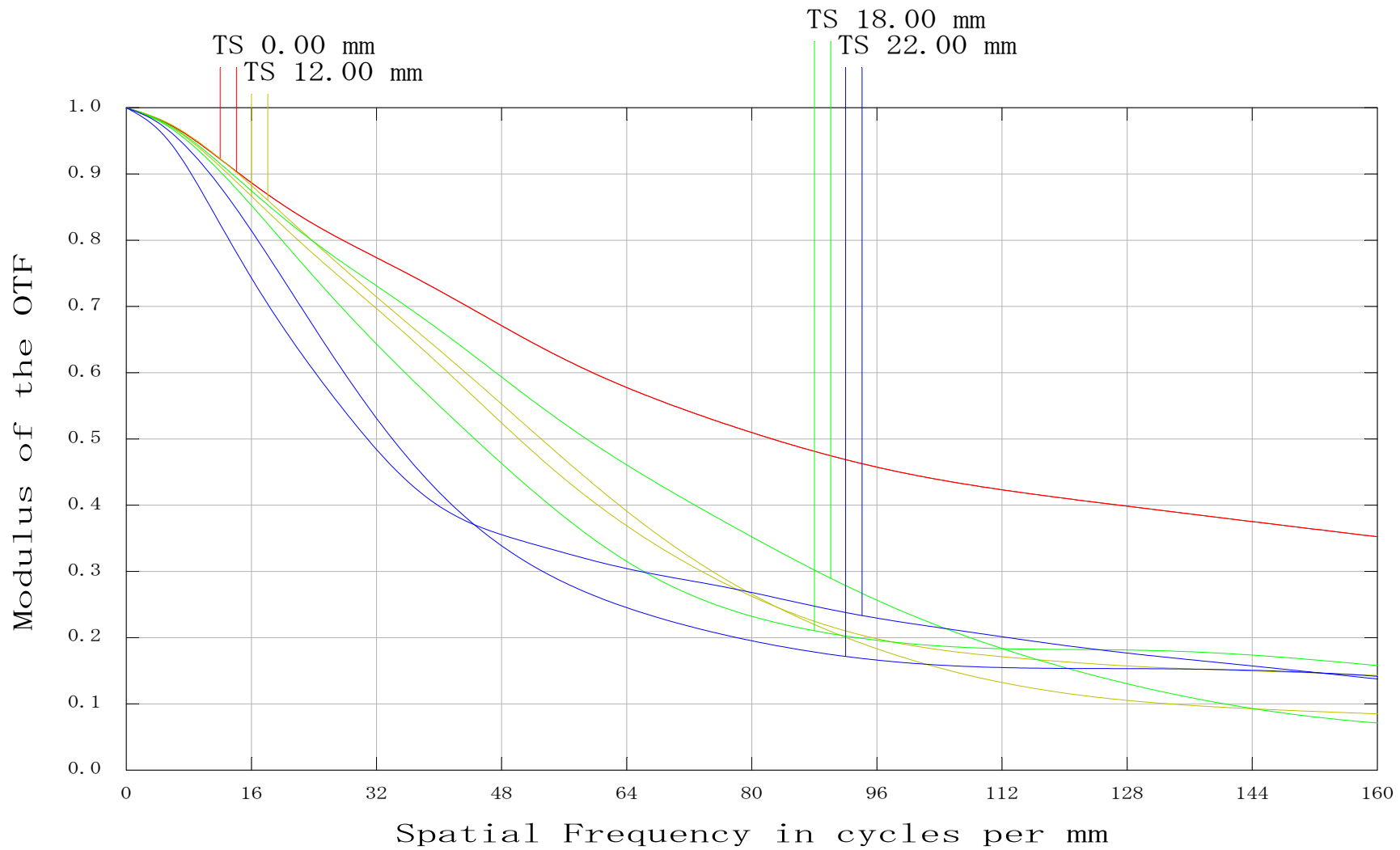
Field Curvature / F-Tan(Theta) Distortion

LM50LF (50mm F2.8) WD=1000mm

Maximum Field is 22.000 Millimeters.

Wavelengths: 0.588





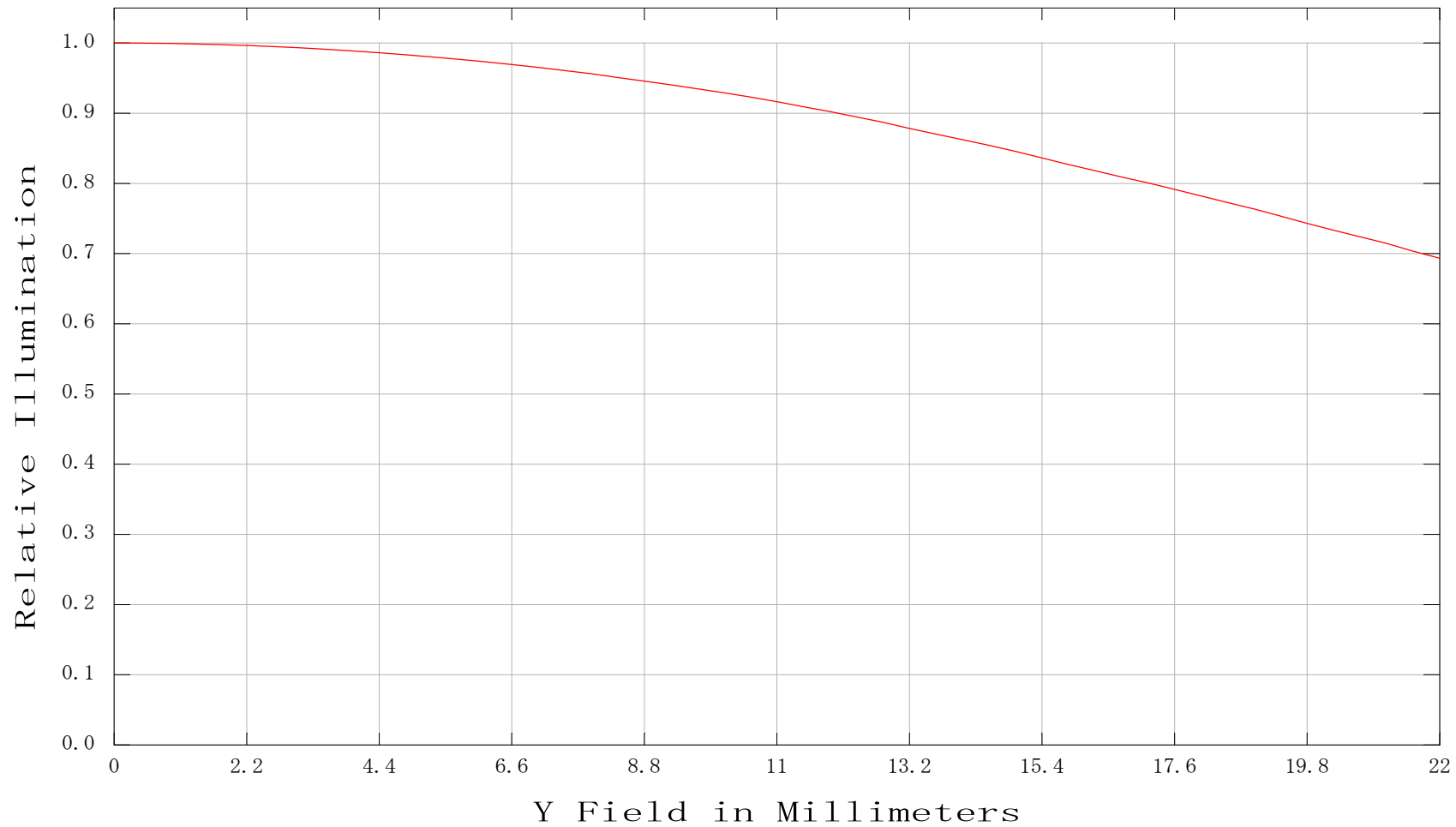
Polychromatic Diffraction MTF

LM50LF (50mm F2.8) WD=1000mm

Data for 0.4358 to 0.6563 μm .

Surface: Image





Relative Illumination

LM50LF (50mm F2.8)

Wavelength: 0.587562 μm





Transmission (%)

