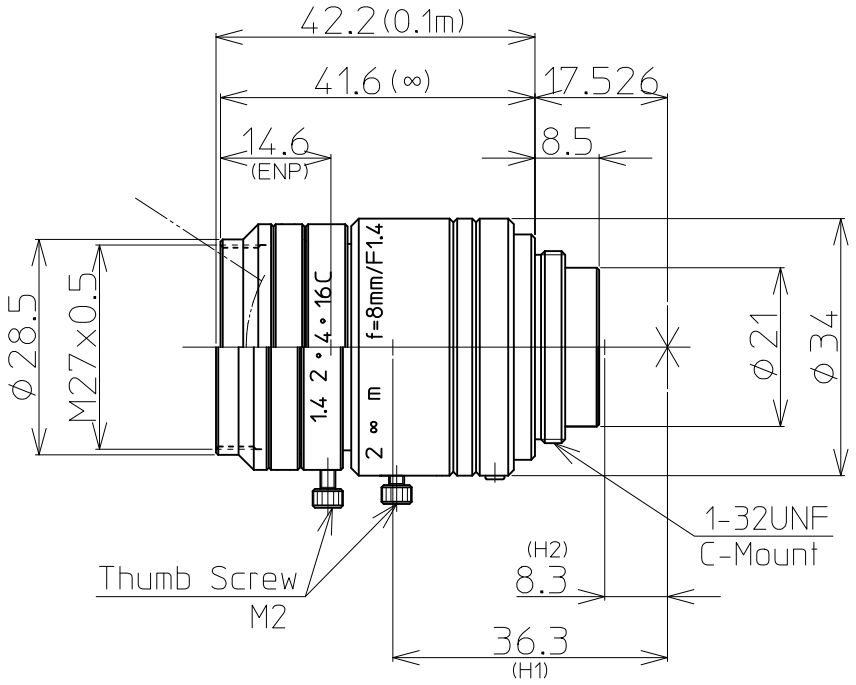


2/3" 1.4/8mm C		2/3"	1/1.8"	1/2"
FOCAL LENGTH		f=8mm		
MAX. DIAMETER (RATIO)		F=1:1.4~Close		
PICTURE SIZE		6.6x8.8mm		
ANGLE	VER. ANGLE	43.9°	36.3°	32.5°
	HOR. ANGLE	56.5°	47.4°	42.6°
	DIA. ANGLE	66.7°	57.4°	52.0°
DISTORTION (TV)		-0.6%		
SHOOTING RANGE AT MINIMUM FOCUS DISTANCE	VER.	90.0mm	73.4mm	65.1mm
	HOR.	120.3mm	98.3mm	87.2mm
	DIA.	148.6mm	122.9mm	109.4mm
MINIMUM FOCUS DISTANCE		0.1m		
FLANGE BACK		17.526mm in air		
BACK FOCUS		9.74mm in air		
FILTER SCREW SIZE		M27x0.5		
FRONT/REAR EFFECTIVE DIA.		FRONT φ17.5mm REAR φ15.6mm		
MOUNT		C-MOUNT		
EXIT PUPIL		214.3mm		
TEMPERATURE RANGE		-10~+50°C		
STORAGE TEMPERATURE RANGE		-20~+60°C		
RESOLUTION CENTER/CORNER		CENTER 100lp/mm CORNER 80lp/mm		
WEIGHT		90 g		

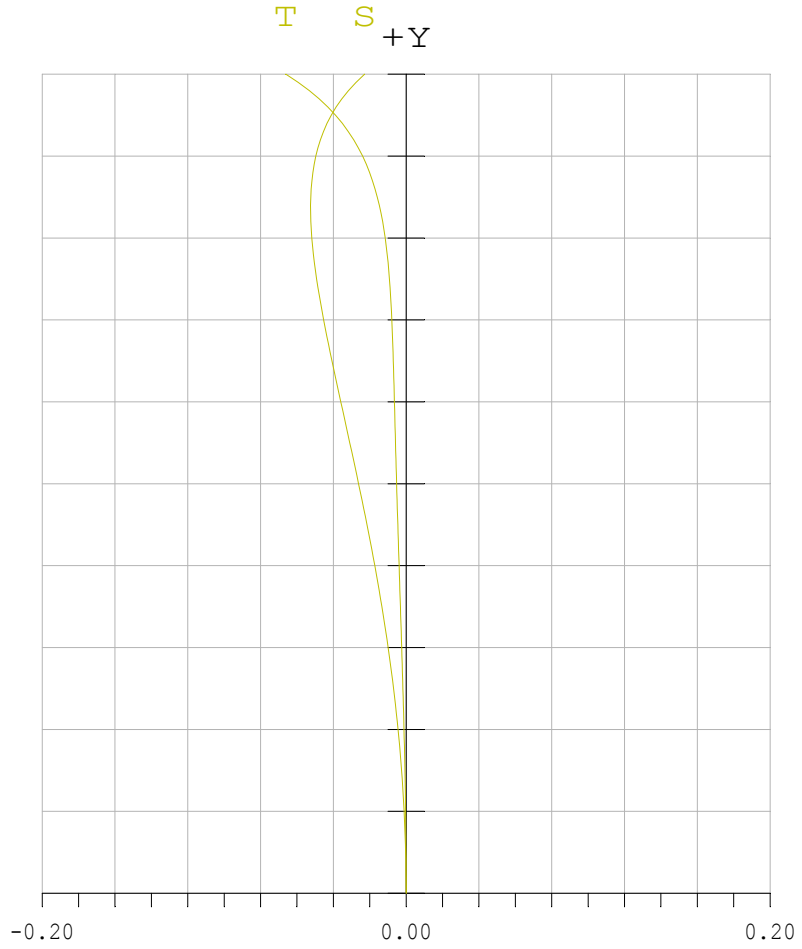
NOTE:Specifications and availability are subject to change without notice

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。

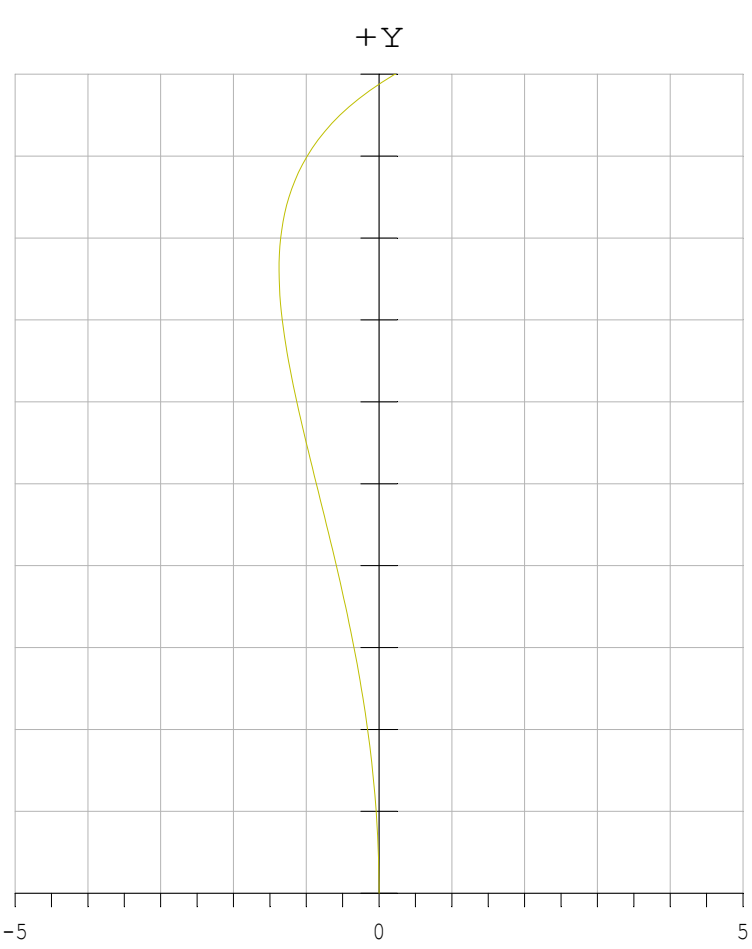
Kowa

		尺度 1/1	工場番号 HR973KW
		機種名	2/3" F1.4 f=8mm
2013.11.21	更新	機種番	LM8JC1MS 外観図
2013.4.15	作成年月日		

Field Curvature



Distortion



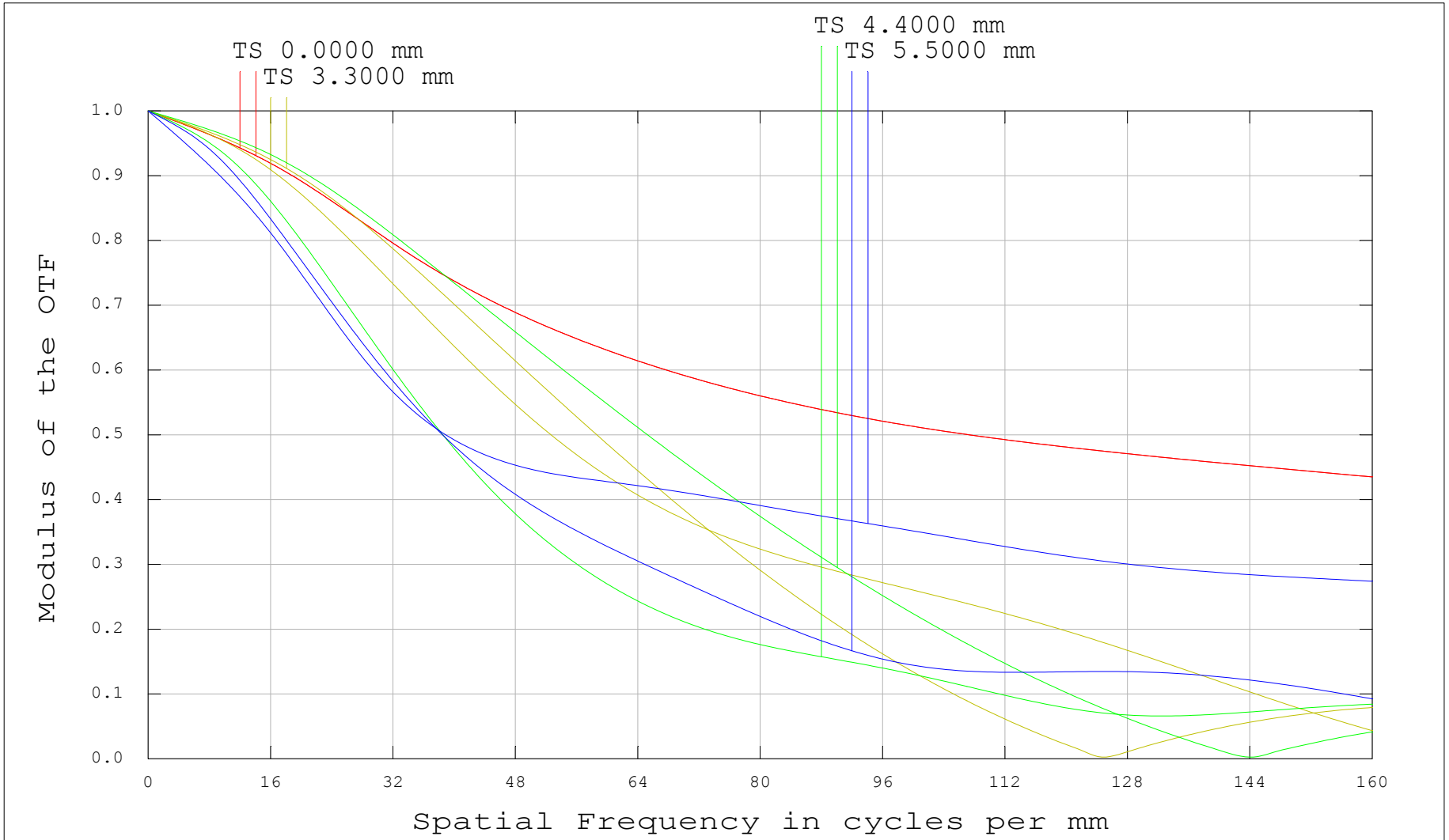
Field units changed to field angle

Field Curvature / F-Tan(Theta) Distortion

LM8JC1MS (8mmF1.4)

Maximum Field is 33.451 Degrees.
Wavelengths: 0.588

Kowa

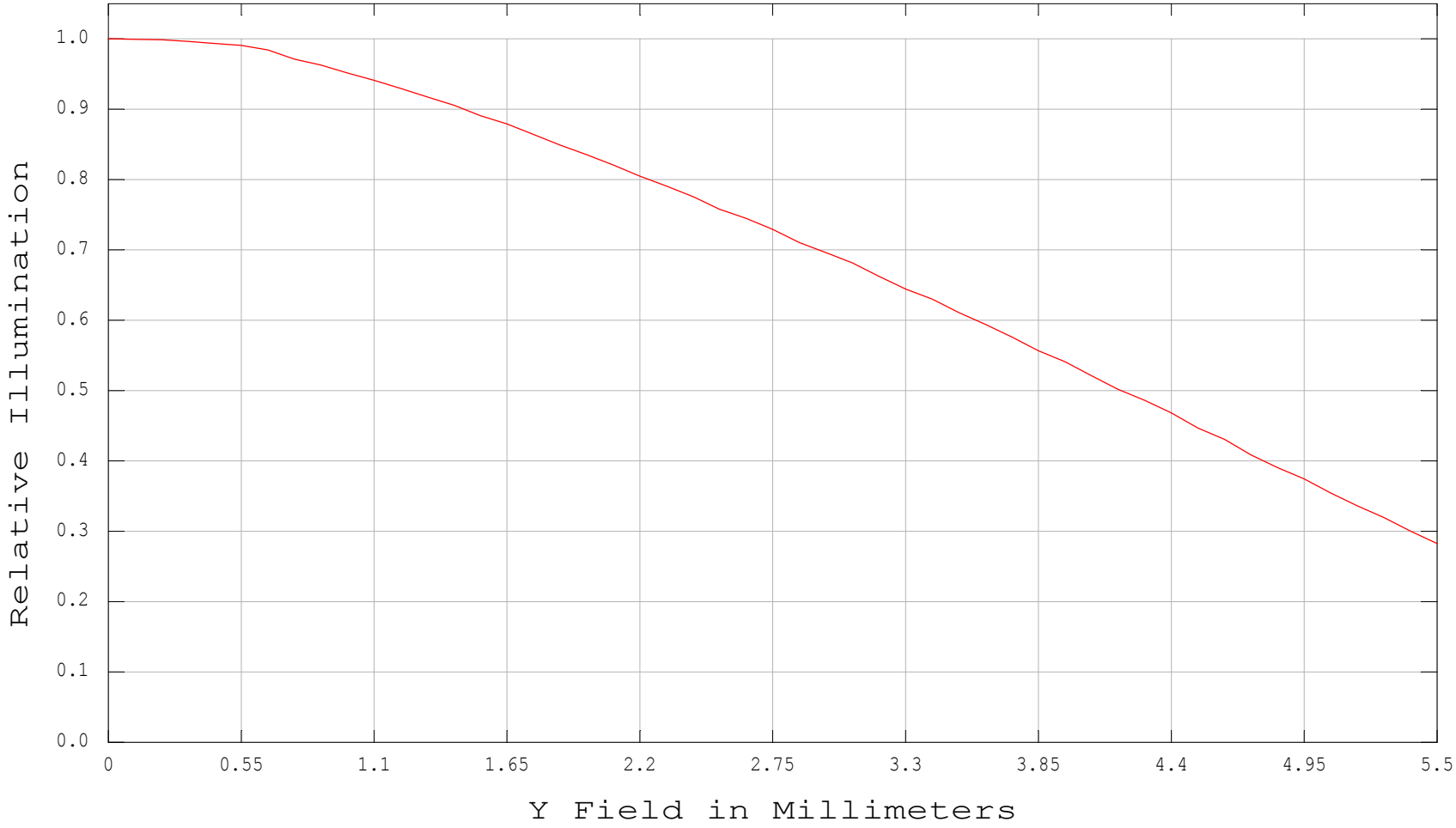


Polychromatic Diffraction MTF

LM8JC1MS (8mmF1.4) WD=300

Data for 0.4358 to 0.6563 µm.
Surface: Image

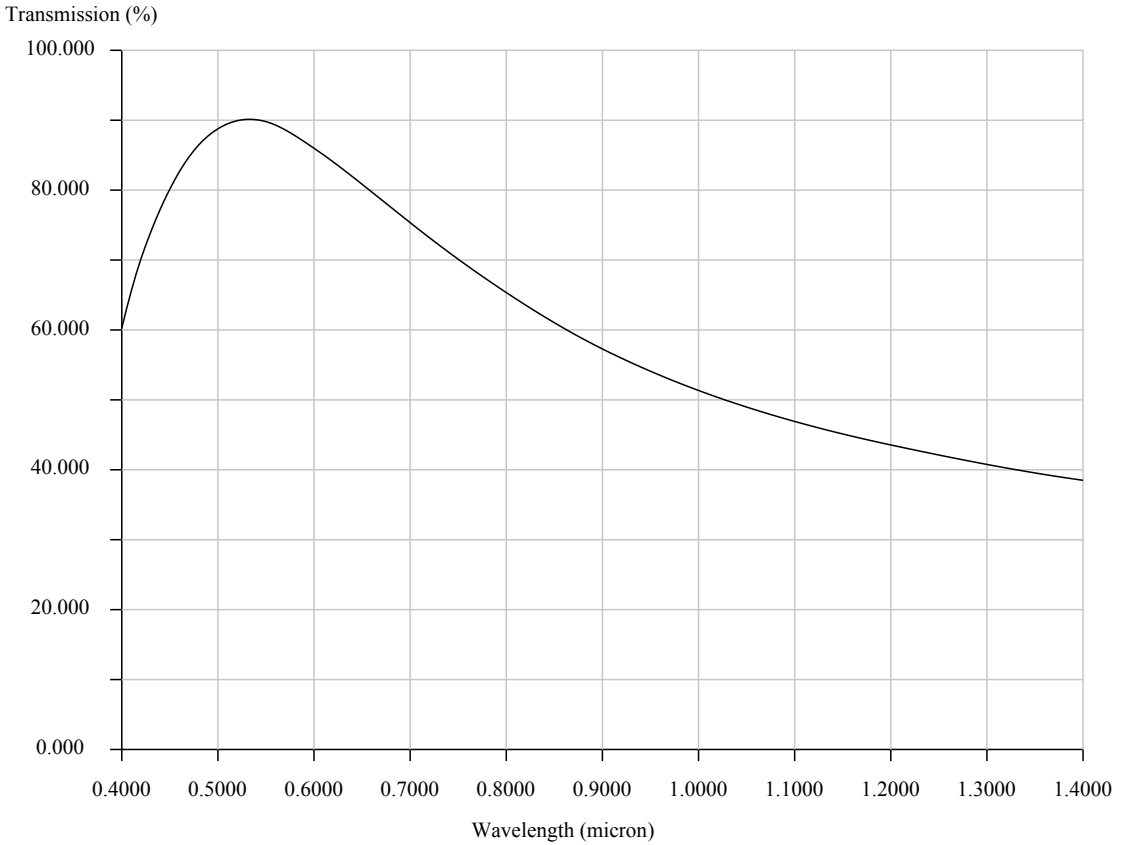
Kowa



Relative Illumination

LM8JC1MS (8mmF1.4)

Wavelength: 0.587560 µm

Kowa

TRANSMISSION	LM8JC1MS (8mmF1.4)