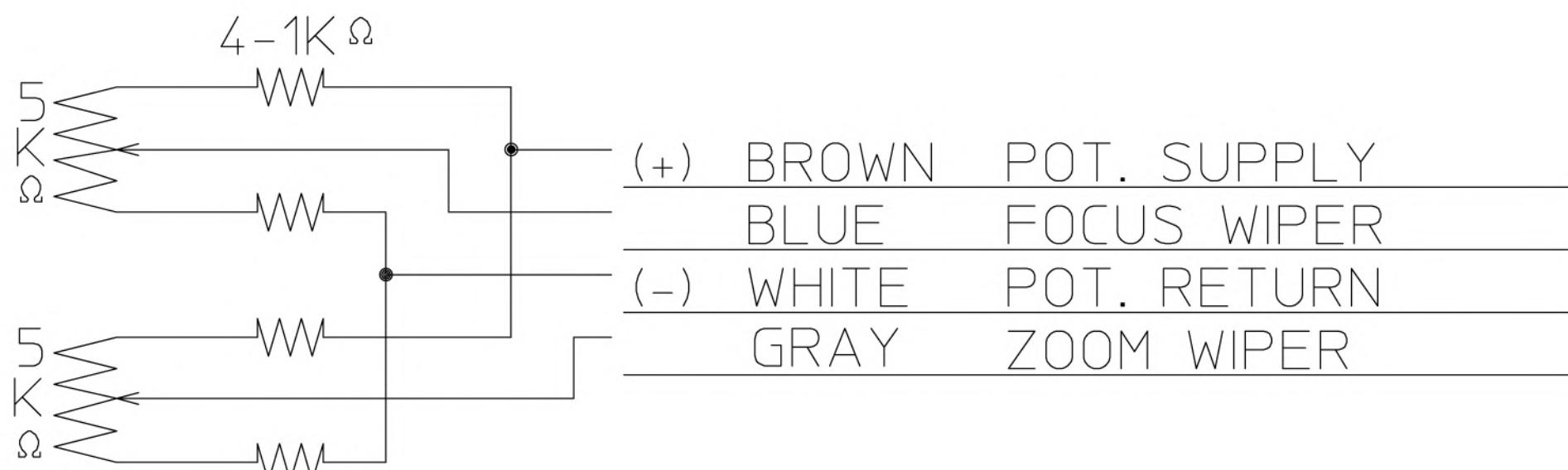


① IRIS CABLE

(+)	RED	INPUT VOLTAGE
(-)	BLACK	GROUND
	WHITE	VIDEO SIGNAL
	GREEN	REMOTE CONTROL

② MOTOR CABLE

(+)	GREEN	FOCUS NEAR
(+)	BLACK	FOCUS FAR
(+)	YELLOW	ZOOM IN
(+)	RED	ZOOM OUT

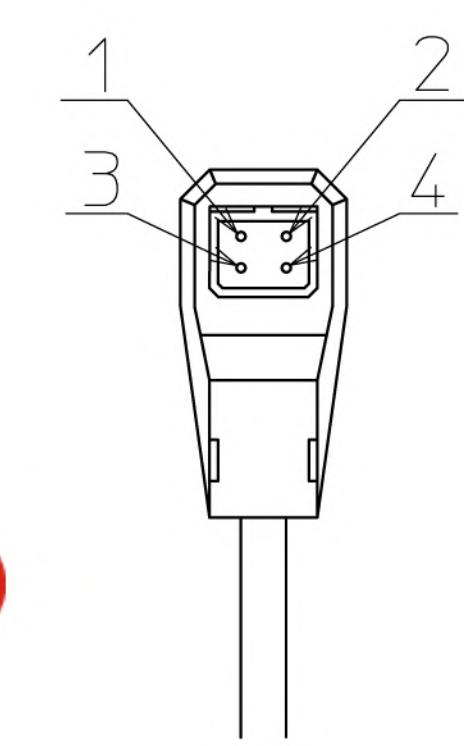


#### SPECIFICATION

1. USE FOR 1/2" COLOR ,B/W CAMERA
2. FOCAL LENGTH f=20~1000mm
3. IRIS RANGE F= 3.5 ~ 720
4. IMAGE SIZE φ 8 ( 6.4 x 4.8 )
5. BACK FOCAL LENGTH 23.91 mm in air
6. FLANGE FOCAL LENGTH 17.526 mm in air
7. FOCUS RANGE ∞~ 5.0 m
8. FIELD ANGLE DIA. 1/2" (W) 22.25° (T) 0.47° 1/3"(W) 16.72° (T) 0.35°  
HOL. 17.83° 0.38° 13.39° 0.28°  
VER. 13.39° 0.28° 10.05° 0.21°
9. DISTORTION (TV) -0.24% -0.19% -0.13% -0.10%
10. LENS CONSTRUCTION 14 GROUPS 20 ELEMENTS
11. CLEAR APERTURE FRONT φ 110.0 REAR φ 15.8
12. WEIGHT 5.5Kg

#### DC (DIRECT CONTROL)

DRIVE COIL	RESISTOR COLOR	190Ω (20°C) RED(+) 3pin BLACK 4pin
BRAKE COIL	RESISTOR COLOR	1150Ω (20°C) YELLOW(+) 2pin GREEN 1pin
DRIVE VOLT.	OPEN CLOSE	LESS THAN +4V OVER THAN 0V W/CLOSING SPRING



品名 1/2" F3.5/20-1000mm  
部番 LMZ1000AMPDC-XF  
部番 LMZ1000AMPDC-XFAF

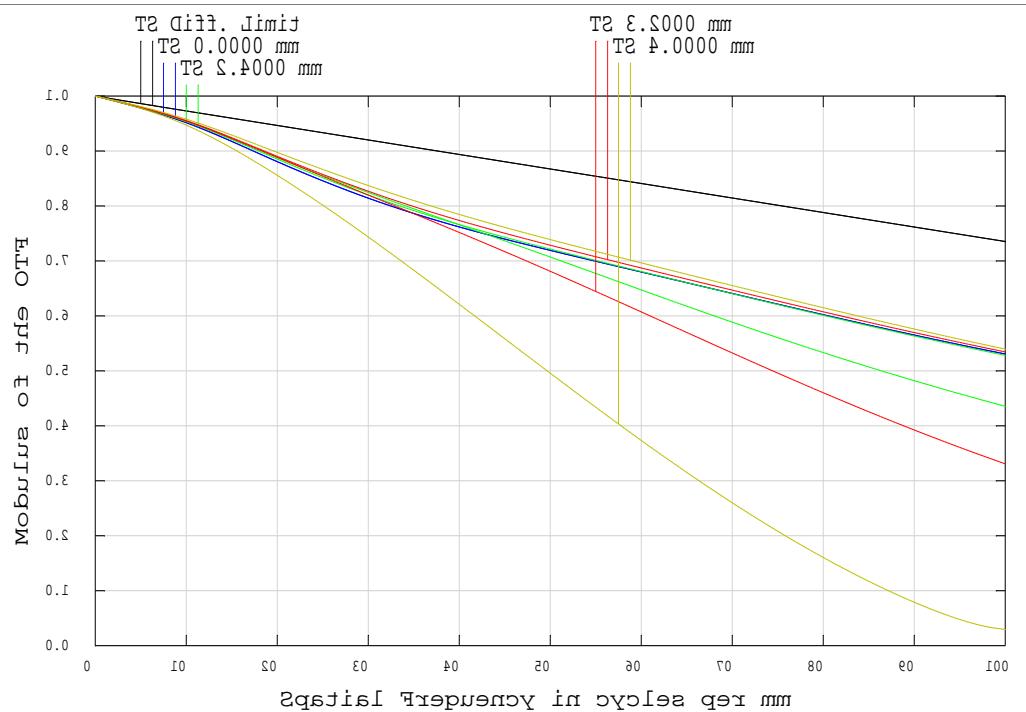
**Kowa**



Wide

20mm

F3.5

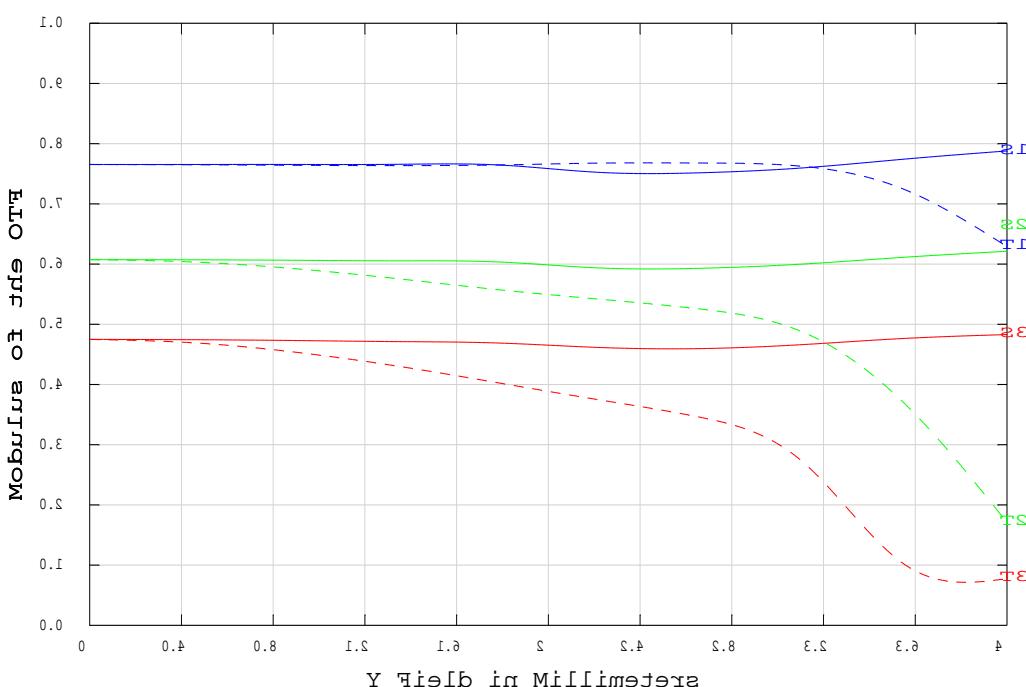


MTM motion sensitivity graph for F3.5 lens at 20mm wide angle.

MTM motion sensitivity graph for F3.5 lens at 20mm wide angle.

SO\80\9102  
Date 3/26/00 of 8534.0 for test  
Series: 100012ML(399)

MTM motion sensitivity graph for F3.5 lens at 20mm wide angle.



MTM motion sensitivity graph for F3.5 lens at 20mm wide angle.

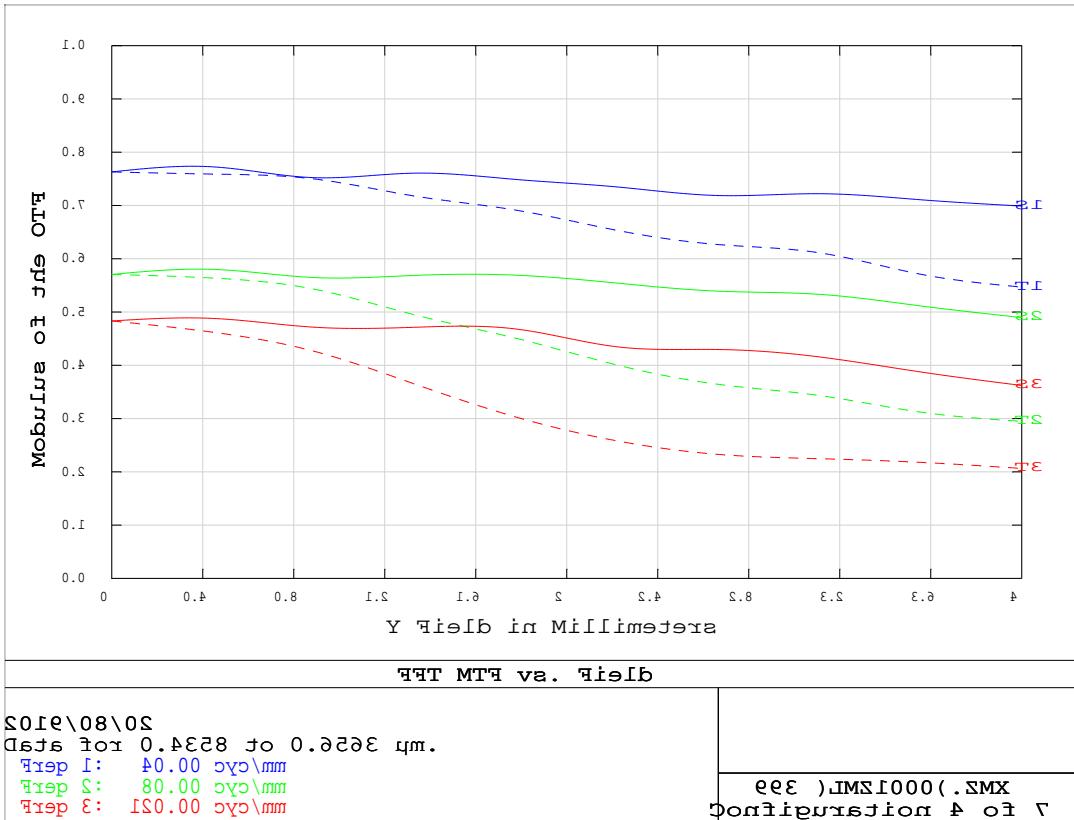
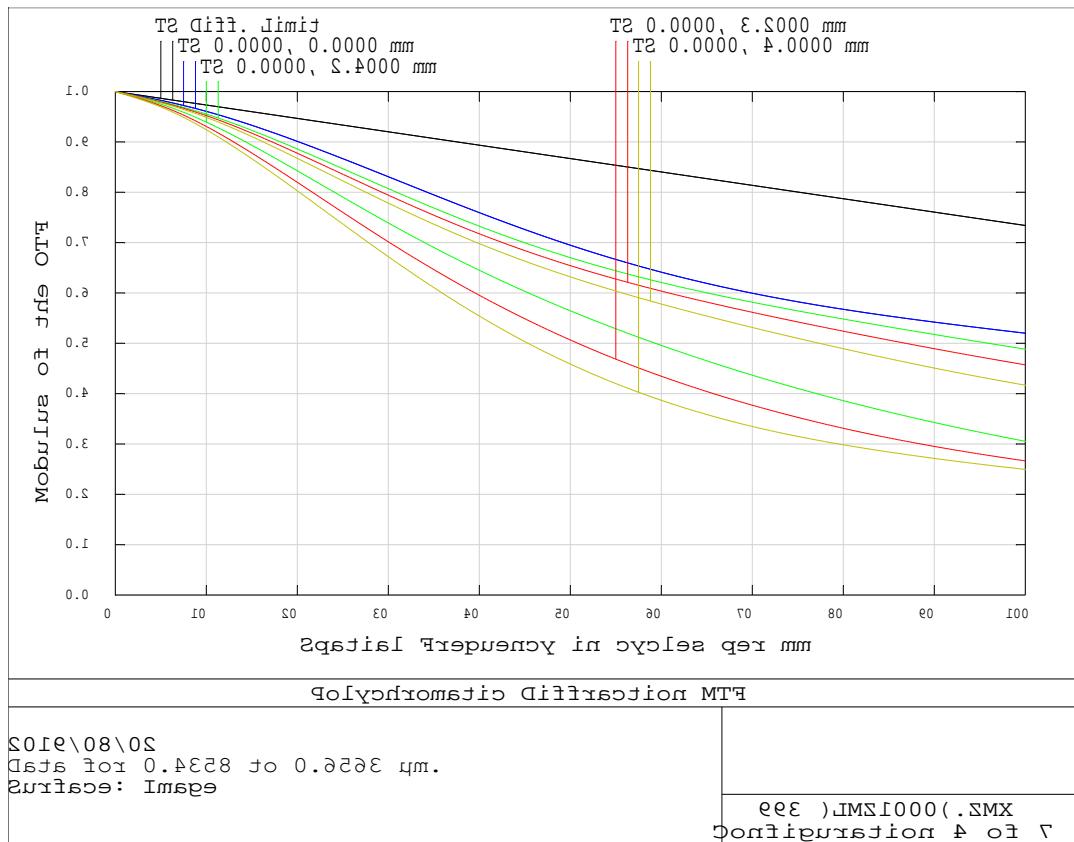
SO\80\9102  
Date 3/26/00 of 8534.0 for test  
Series: 100012ML(399)

MTM motion sensitivity graph for F3.5 lens at 20mm wide angle.

Middle

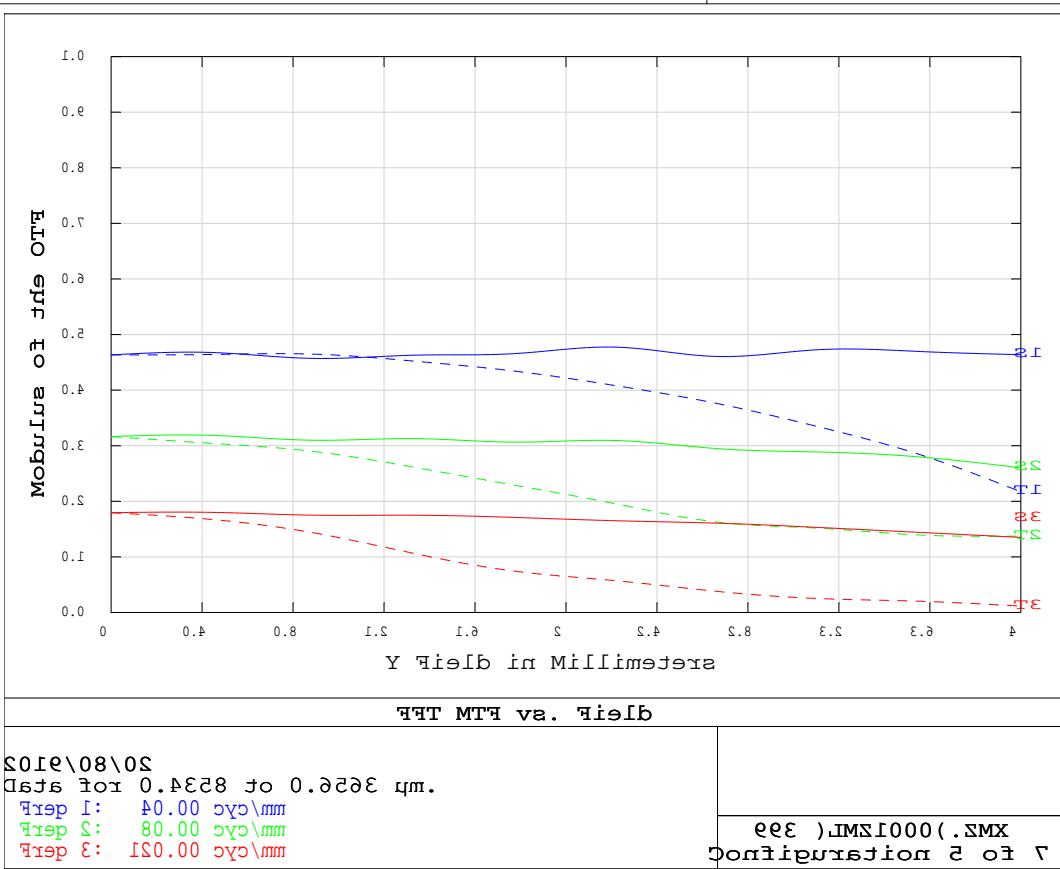
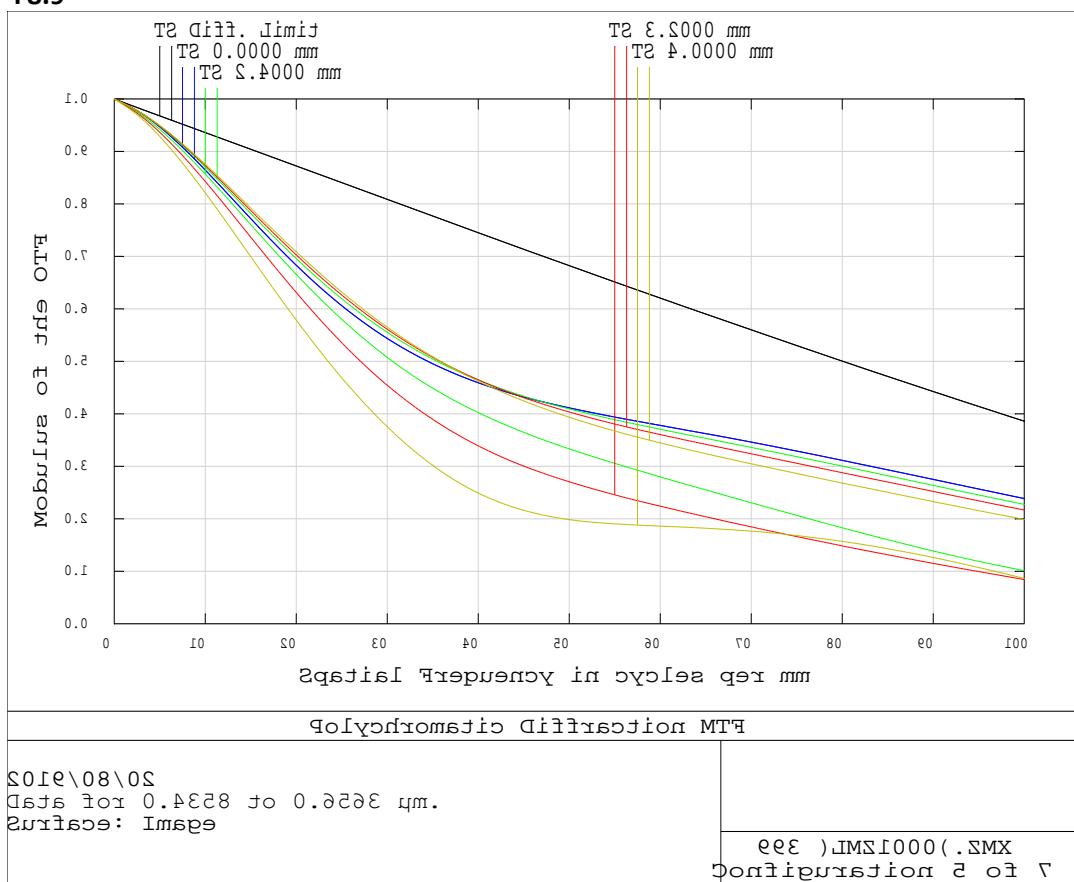
410mm

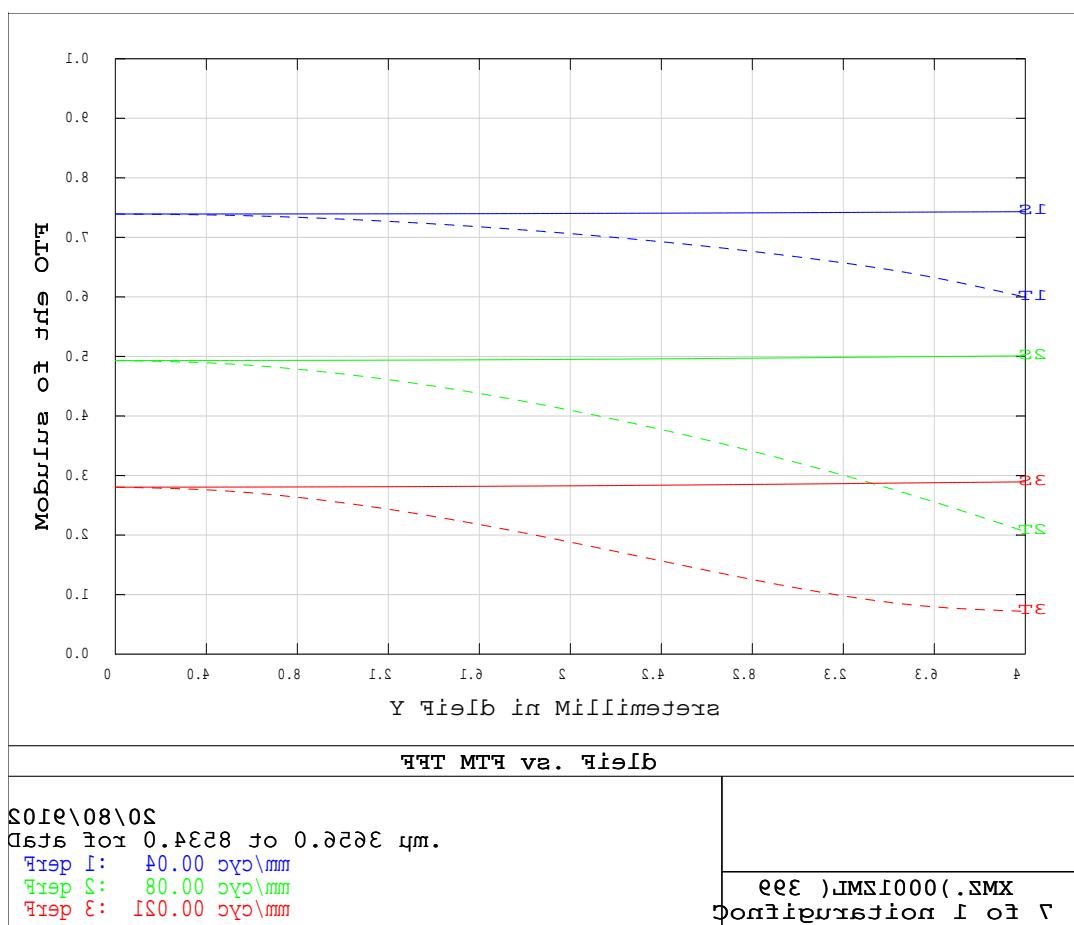
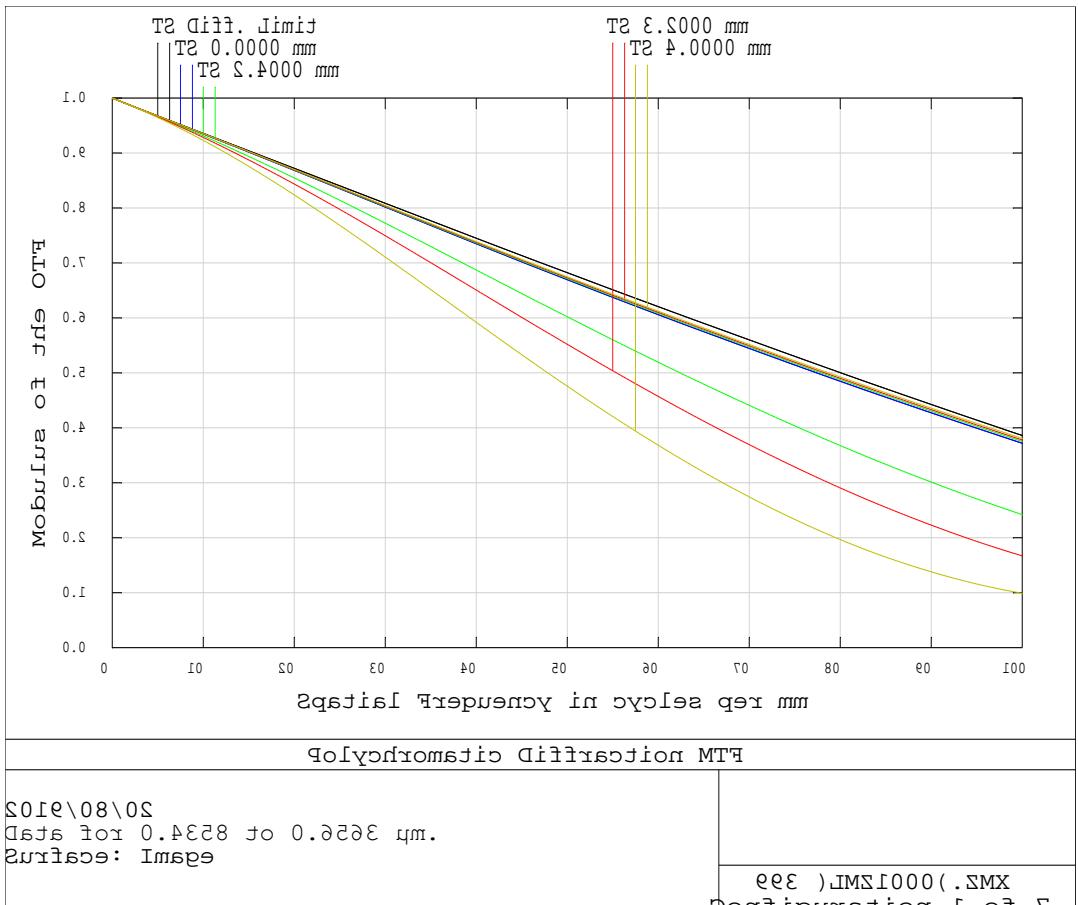
F3.5



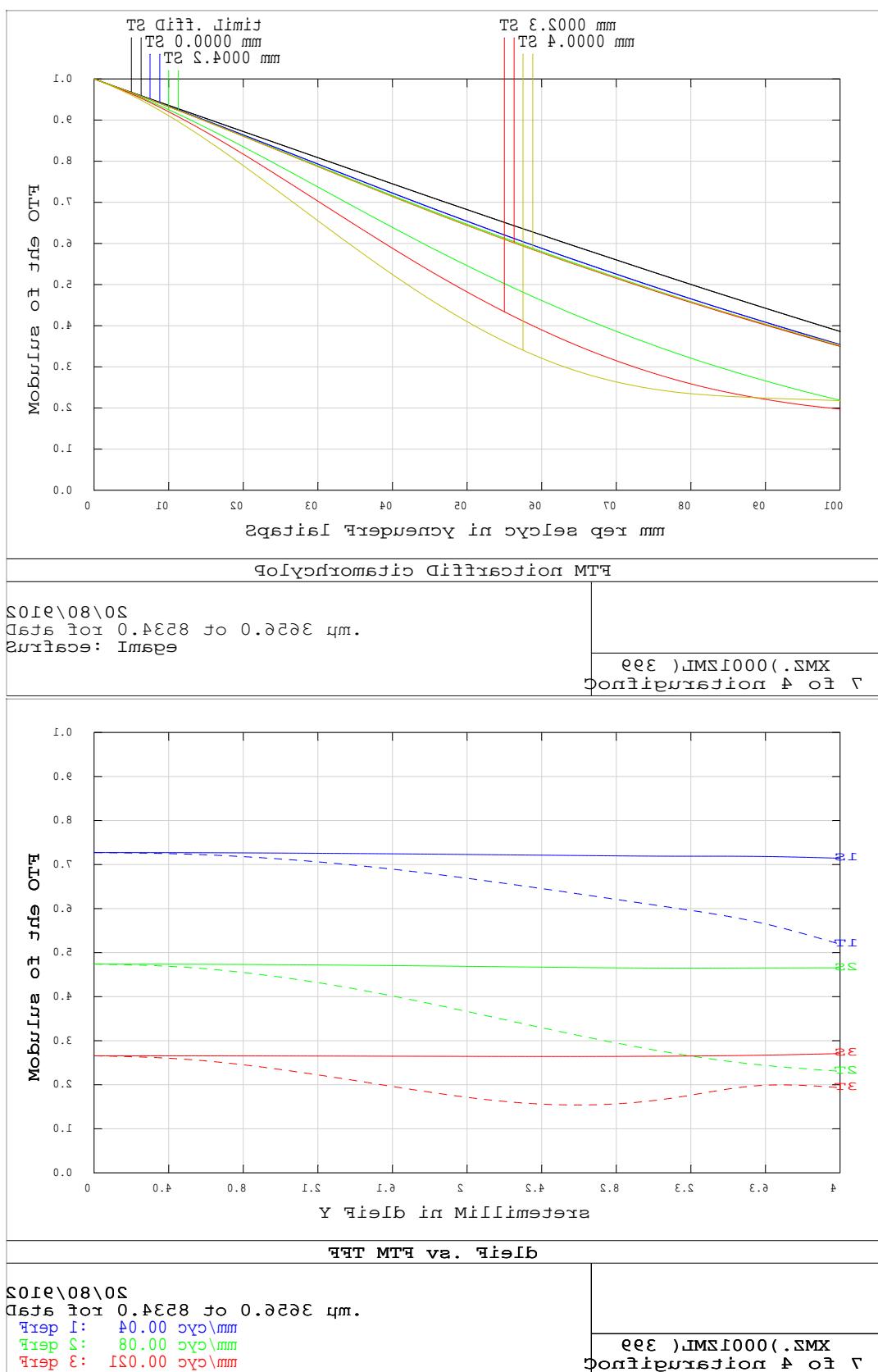
Tele

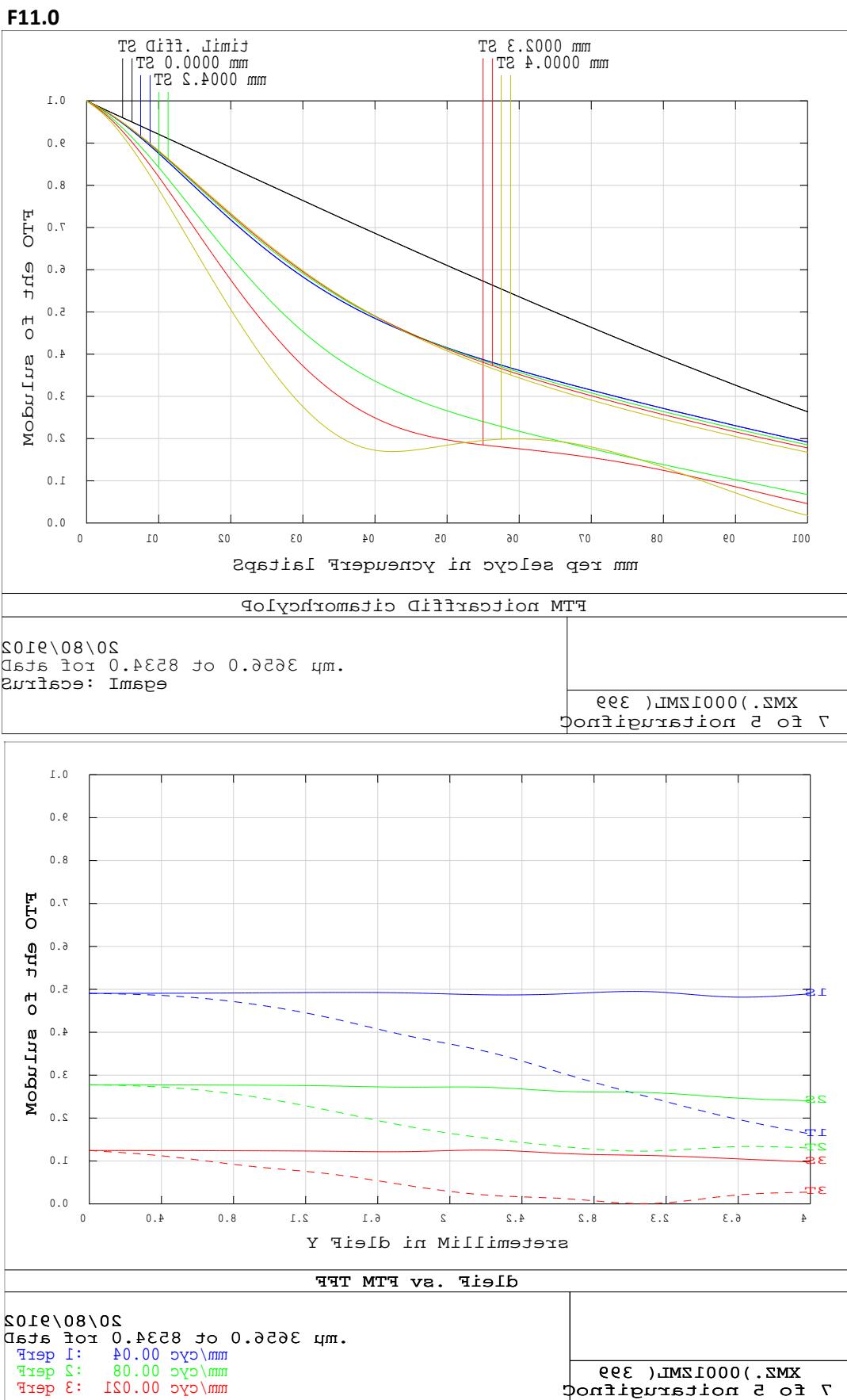
1000mm F8.9



**F8.9**

F8.9



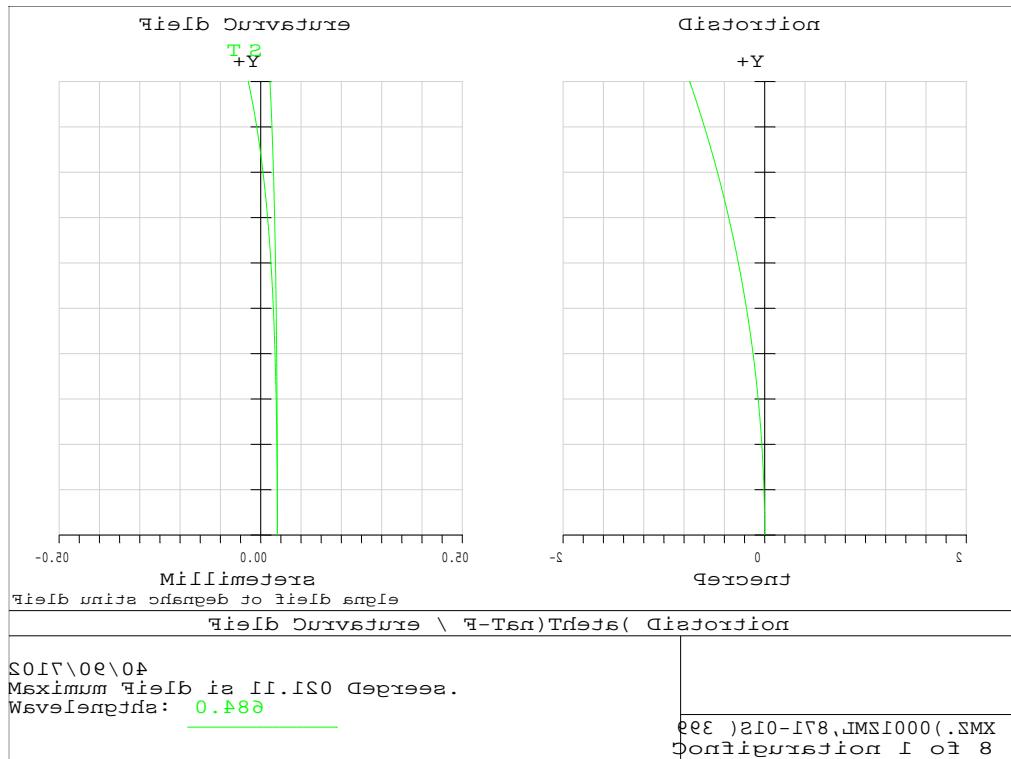




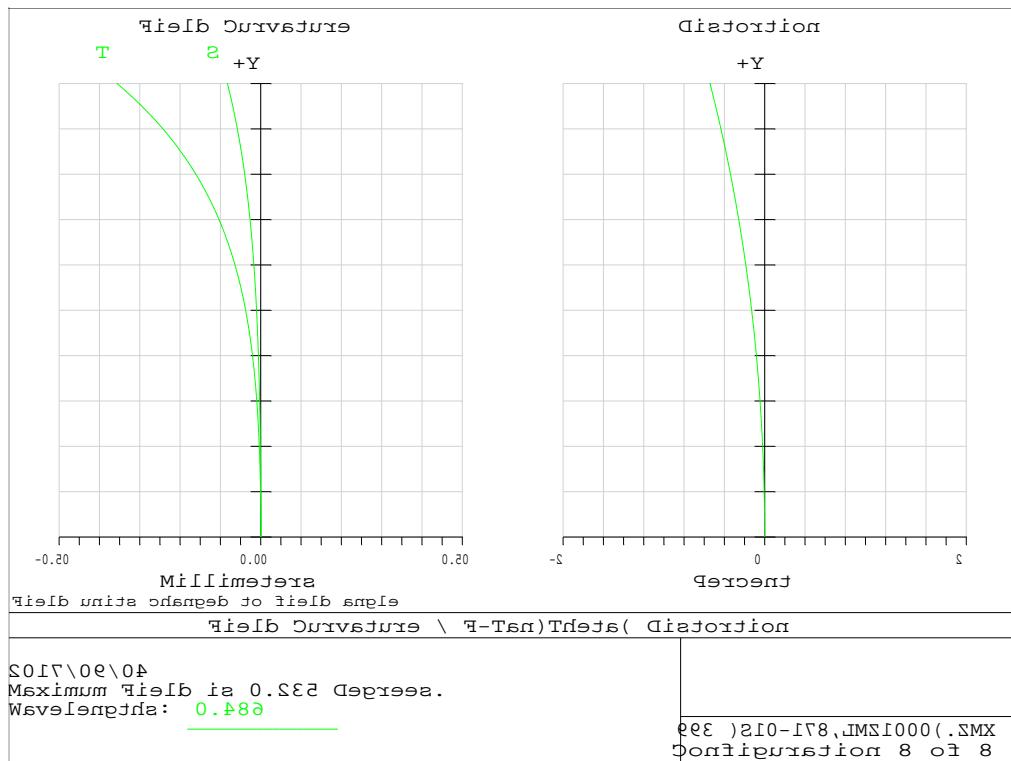
LMZ1000

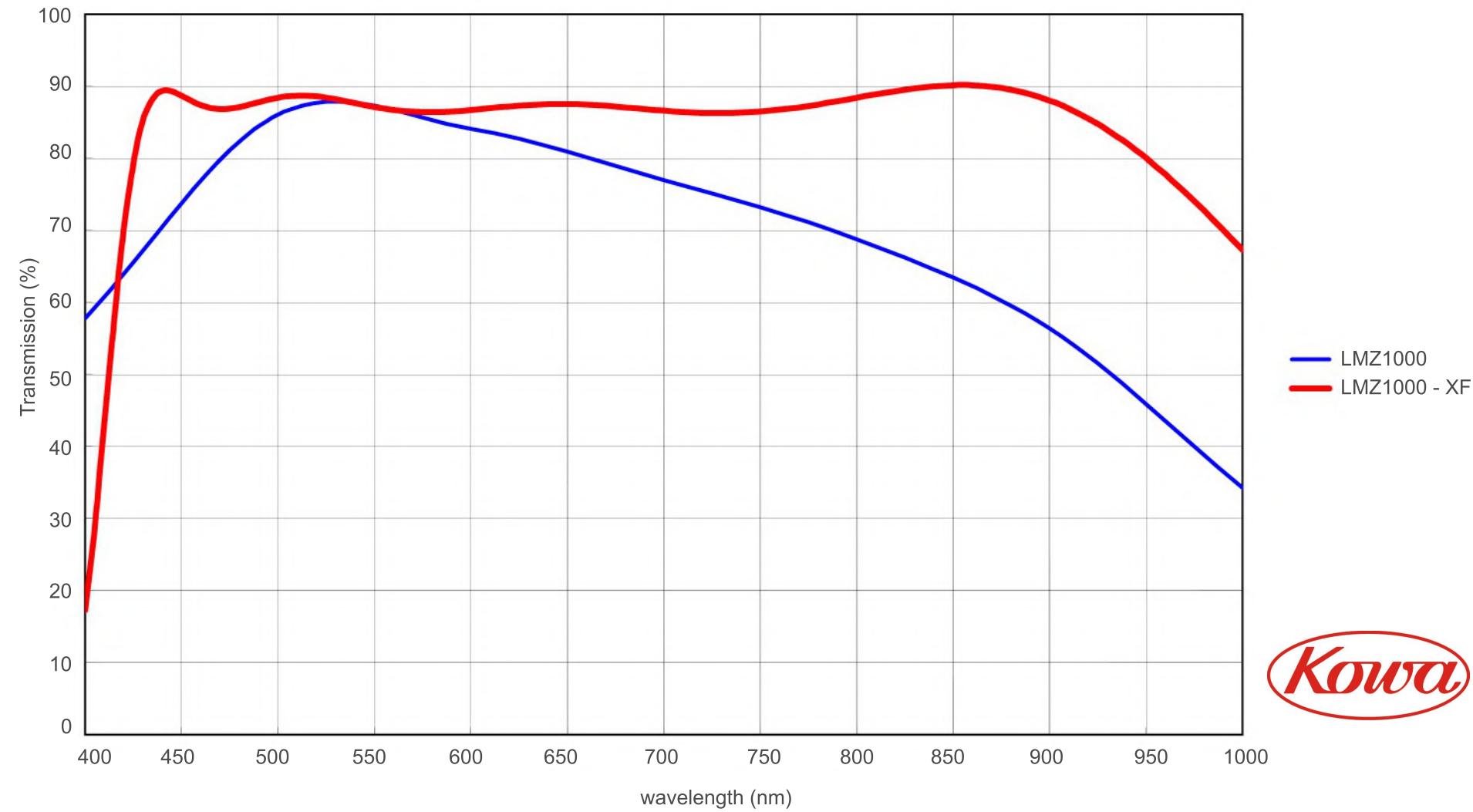
Distortion

Wide



Tele



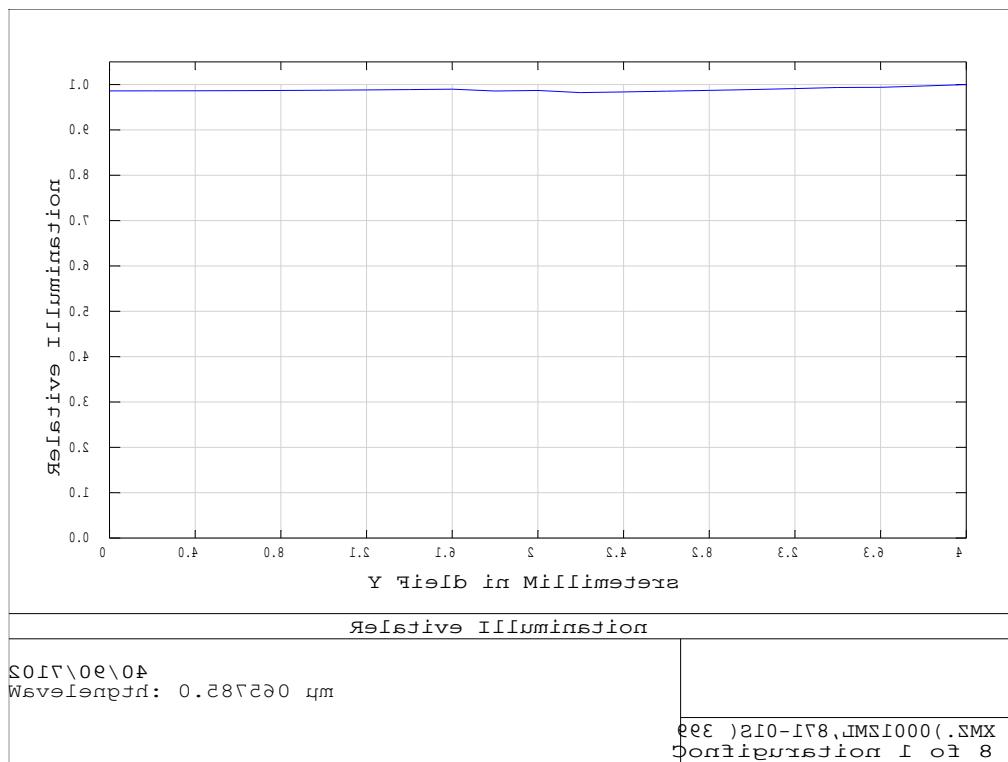




LMZ1000

### Relative Illumination

Wide



Tele

