

MML044-SR130VI-18C

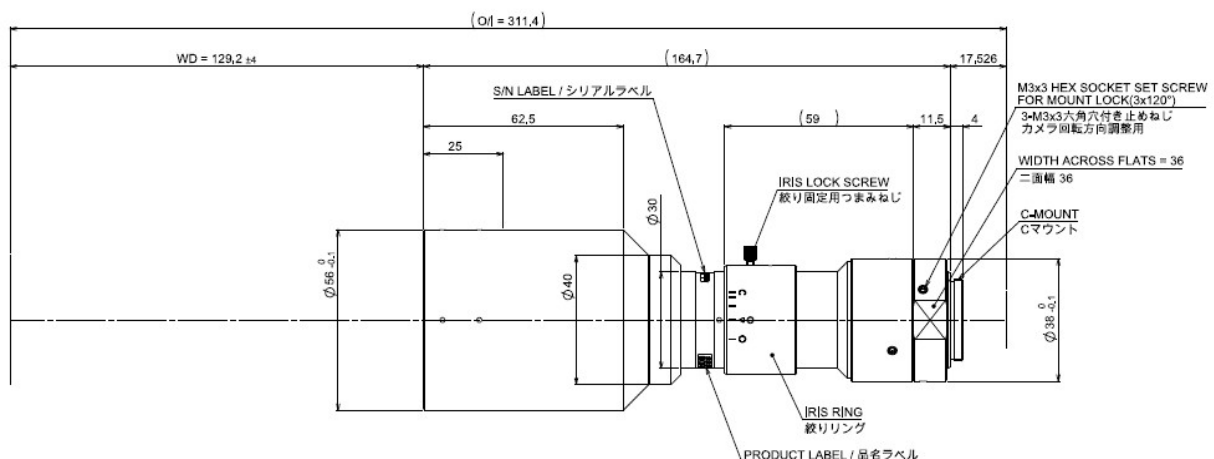
MML-SR series

Drawing No. A24292

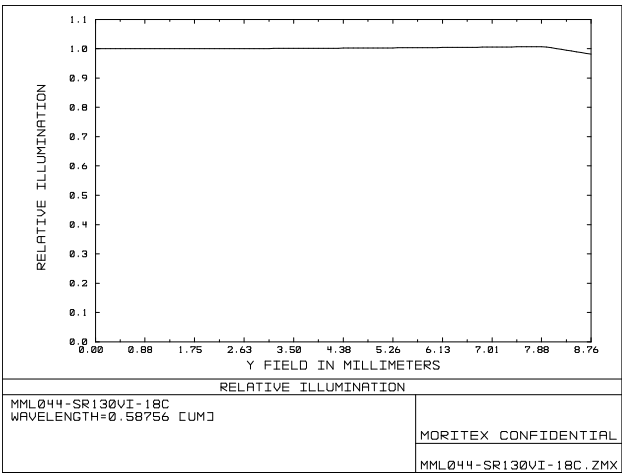
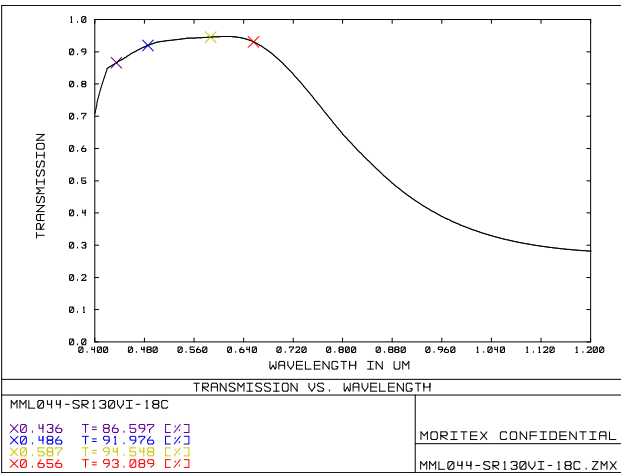
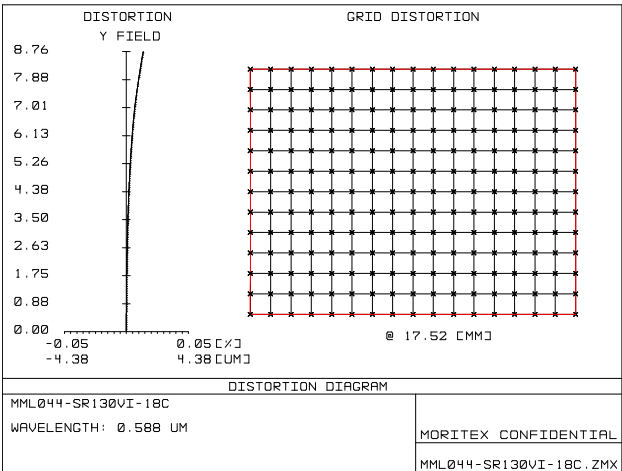
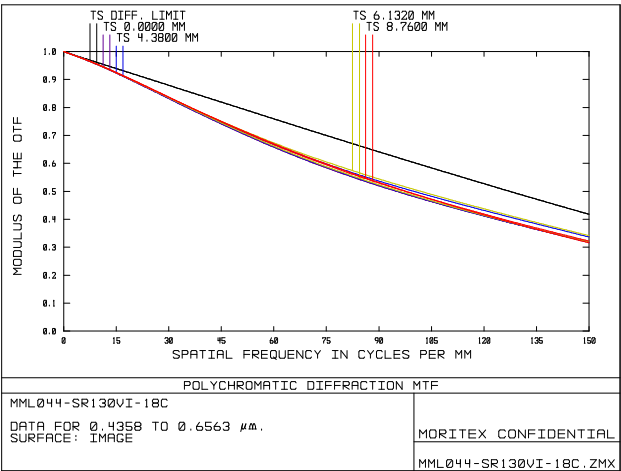


Lens Type	Fixed Magnification Object Side Telecentric Lens
Magnification	0.44
Focal Length (mm)	854.47
Effective Fno	5.60~22.00
Numerical Aperture	0.039~0.010
Working/Object Distance (mm)	129.2 / 132.2
Object to Image Distance (mm)	311.43
Mechanical Tube Length (mm)	164.70
Lens Back (mm)	39.13
DOF @PCoC $\phi 0.04\text{mm}$ (mm)	2.308~9.065
Resolution @ $\lambda=520\text{nm}$ (μm)	8.6~33.7
Front/Rear Principal Position (mm)	2661.52 / -1191.80
Entrance/Exit Pupil Position (mm)	5391.63 / -541.01
Entrance/Exit Pupil Diameter (mm)	432.41 / 103.08
Telecentricity @Fno5.6 (deg.)	0.066(1/3 Inch) 0.084(1/2 Inch) 0.091(1/1.8 Inch) 0.103(2/3 Inch) 0.109(1/1.1Inch)
Optical Distortion @Fno5.6 (%)	0.001(1/3 Inch) 0.002(1/2 Inch) 0.002(1/1.8 Inch) 0.004(2/3 Inch) 0.007(1/1.1Inch)
Relative Illumination @Fno5.6 (%)	100.10(1/3 Inch) 100.18(1/2 Inch) 100.23(1/1.8 Inch) 100.34(2/3 Inch) 100.57(1/1.1Inch)
Weight (g)	344.5
Mount	C Mount
Image Circle (mm)	$\phi 14.0(\text{Fno}5.6)$ / $\phi 17.52(\text{Fno}8.0)$
Largest Compatible Camera	1/1.1 Inch(Fno5.6) / 1.1 Inch(Fno8.0)

MML044-SR130VI-18C



Fno5.6 IFφ17.52mm



The content is subject to change.

MORITEX Corporation

Technology Center : Lens Design & Development Technology

For support, please contact :

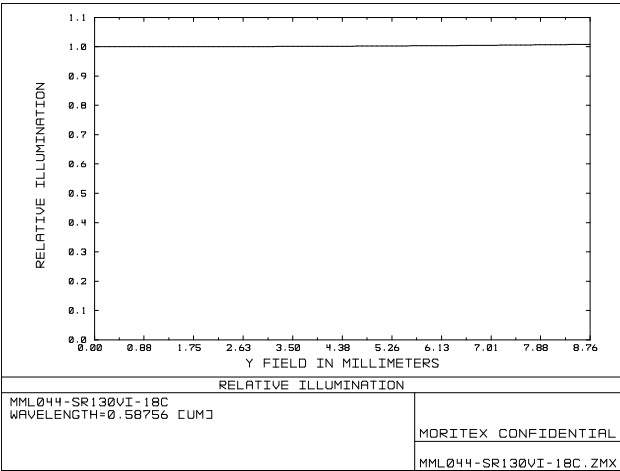
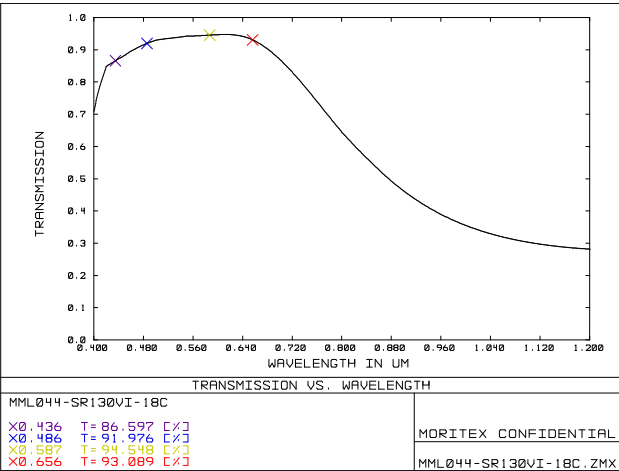
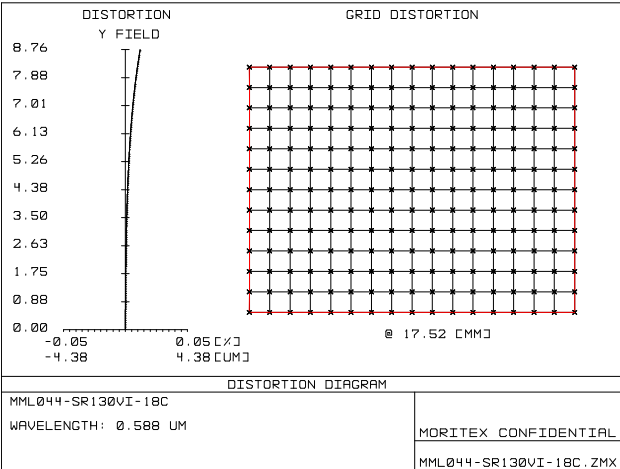
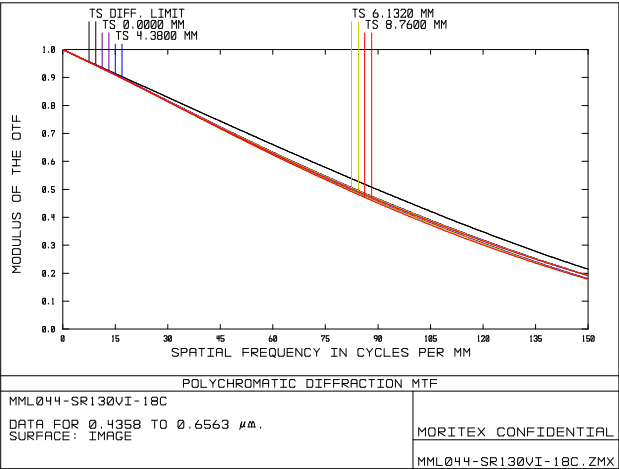
MORITEX North America, Inc.

TEL +1 (408) 363-2100 machine.vision@moritex.com

FAX +1 (408) 363-9985 www.moritex.com

MORITEX
Vision Creating Value

Fno8.0 IFφ17.52mm



The content is subject to change.

MORITEX Corporation

Technology Center : Lens Design & Development Technology

For support, please contact :

MORITEX North America, Inc.

TEL +1 (408) 363-2100 machine.vision@moritex.com

FAX +1 (408) 363-9985 www.moritex.com

MORITEX
Vision Creating Value