

MML1-SR65DVI-18C

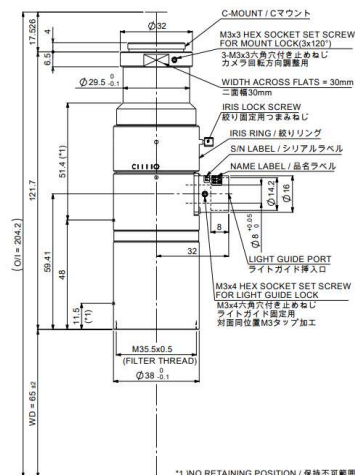
MML-SR series

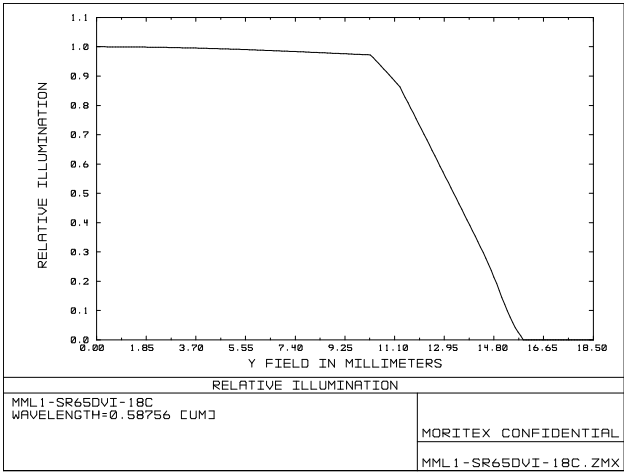
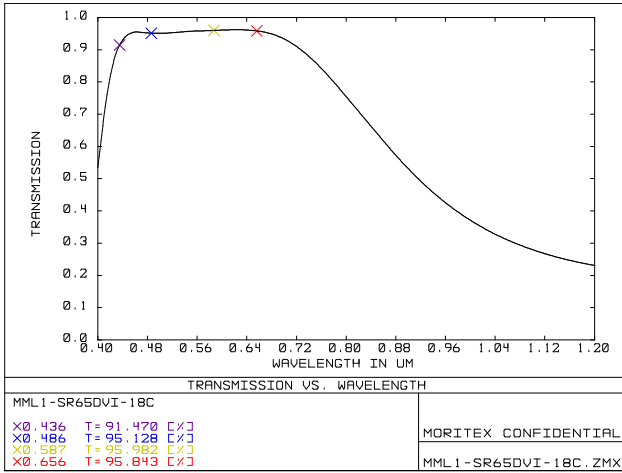
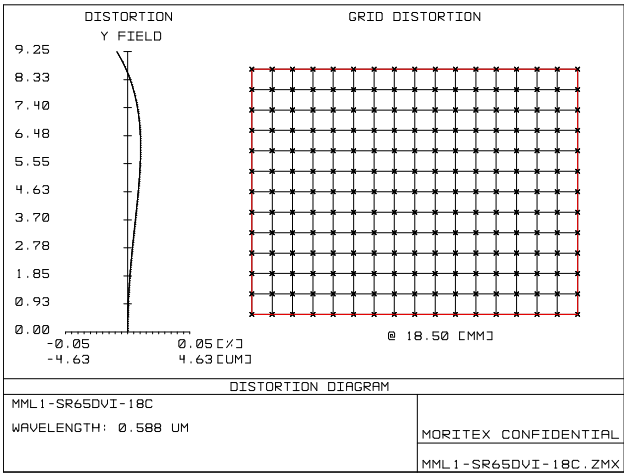
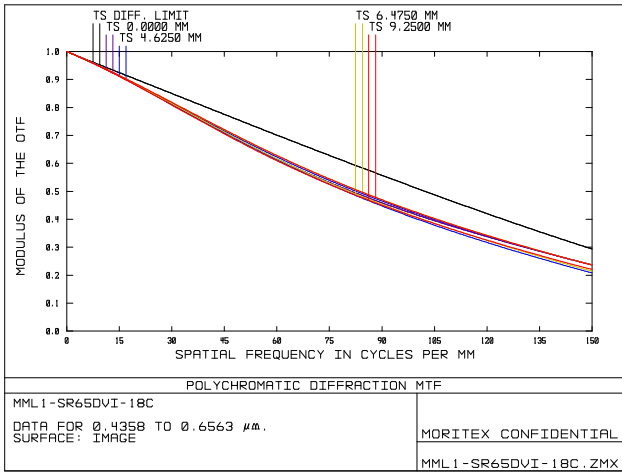
Drawing No. A22542



Lens Type	Fixed Magnification Object Side Telecentric Lens
Magnification	1.00
Focal Length (mm)	97.99
Effective Fno	7.00~22.00
Numerical Aperture	0.071~0.023
Working/Object Distance (mm)	65.0 / 69.9
Object to Image Distance (mm)	204.22
Mechanical Tube Length (mm)	121.70
Lens Back (mm)	45.48
DOF @PCoC $\phi 0.04\text{mm}$ (mm)	0.560~1.760
Resolution @ $\lambda=520\text{nm}$ (μm)	4.7~14.8
Front/Rear Principal Position (mm)	126.10/-150.51
Entrance/Exit Pupil Position (mm)	3399.08/-55.36
Entrance/Exit Pupil Diameter (mm)	494.44/14.37
Telecentricity (deg.)	0.047(1/3Inch) 0.061(1/2Inch) 0.067(1/1.8Inch) 0.076(2/3Inch) 0.087(1.1Inch)
Optical Distortion (%)	0.004(1/3Inch) 0.007(1/2Inch) 0.008(1/1.8Inch) 0.010(2/3Inch) 0.010(1.1Inch)
Relative Illumination (%)	99.71(1/3Inch) 99.49(1/2Inch) 99.36(1/1.8Inch) 99.06(2/3Inch) 97.62(1.1Inch)
Weight (g)	240.0
Mount	C Mount
Image Circle (mm)	$\phi 18.5$
Largest Compatible Camera	1.1 Inch

MML1-SR65DVI-18C





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

