

MML075-SR110DVI / SR110VI-18C

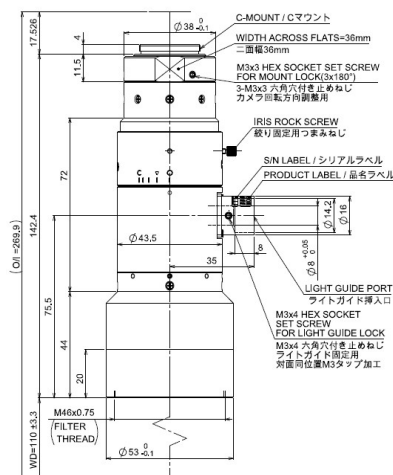
MML-SR series



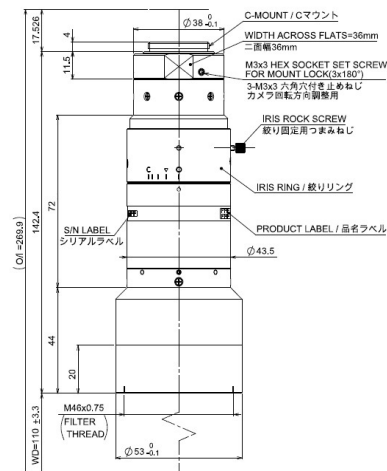
Drawing No. A24323/A24324

Lens Type	Fixed Magnification Object Side Telecentric Lens
Magnification	0.75
Focal Length (mm)	320.03
Effective Fno	5.60~22.00
Numerical Aperture	0.067~0.017
Working/Object Distance (mm)	110.0 / 115.0
Object to Image Distance (mm)	269.91
Mechanical Tube Length (mm)	142.40
Lens Back (mm)	33.81
DOF @PCoC $\phi 0.04\text{mm}$ (mm)	0.798~3.134
Resolution @ $\lambda=520\text{nm}$ (μm)	5.0~19.6
Front/Rear Principal Position (mm)	632.08 / -526.03
Entrance/Exit Pupil Position (mm)	4840.84 / -228.61
Entrance/Exit Pupil Diameter (mm)	662.39 / 46.81
Telecentricity @Fno5.6 (deg.)	0.044(1/3 Inch) 0.056(1/2 Inch) 0.061(1/1.8 Inch) 0.070(2/3 Inch) 0.076(1/1.1Inch)
Optical Distortion @Fno5.6 (%)	-0.003(1/3 Inch) -0.005(1/2 Inch) -0.007(1/1.8 Inch) -0.011(2/3 Inch) -0.022(1/1.1Inch)
Relative Illumination @Fno5.6 (%)	99.73(1/3 Inch) 99.52(1/2 Inch) 99.40(1/1.8 Inch) 99.12(2/3 Inch) 98.65(1/1.1Inch)
Weight (g)	389.1 / 391.1
Mount	C Mount
Image Circle (mm)	$\phi 14.0(\text{Fno}5.6)$ / $\phi 17.52(\text{Fno}7.0)$
Largest Compatible Camera	1/1.1 Inch(Fno5.6) / 1.1 Inch(Fno7.0)

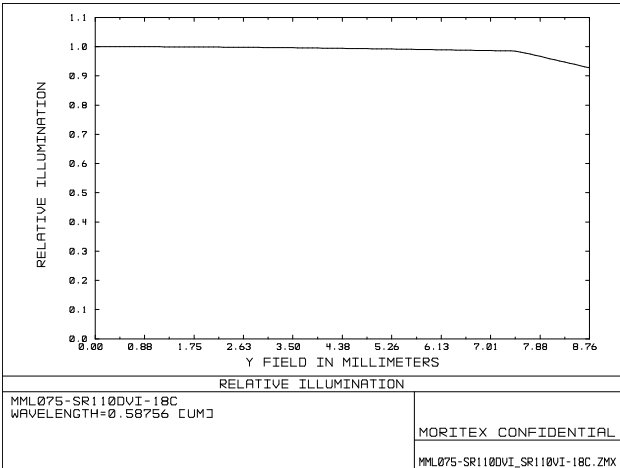
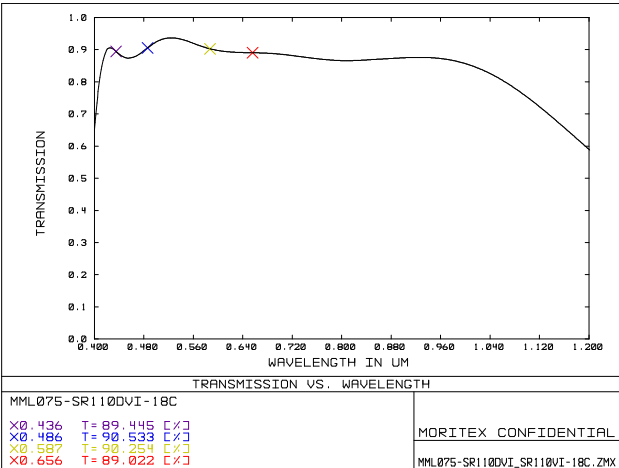
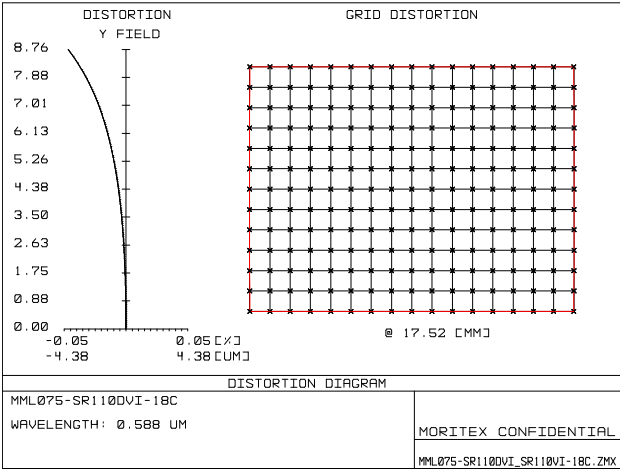
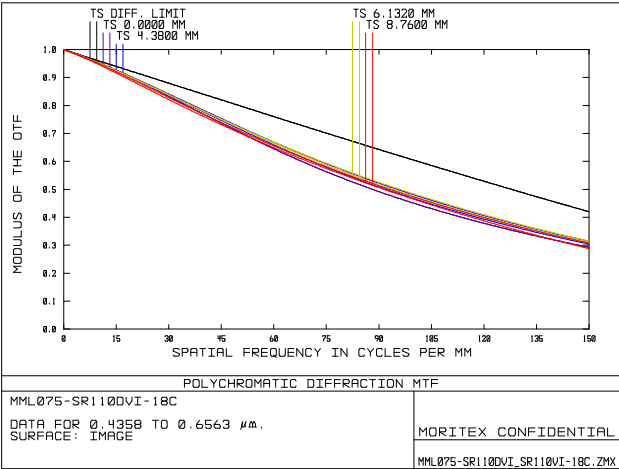
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Fno5.6 IFφ17.52mm



The content is subject to change.

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For support, please contact :

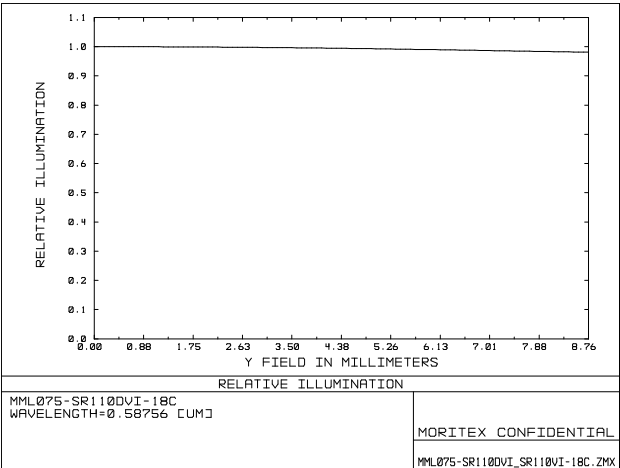
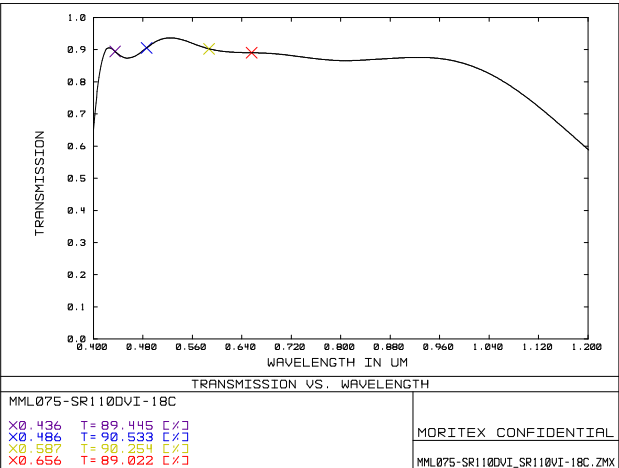
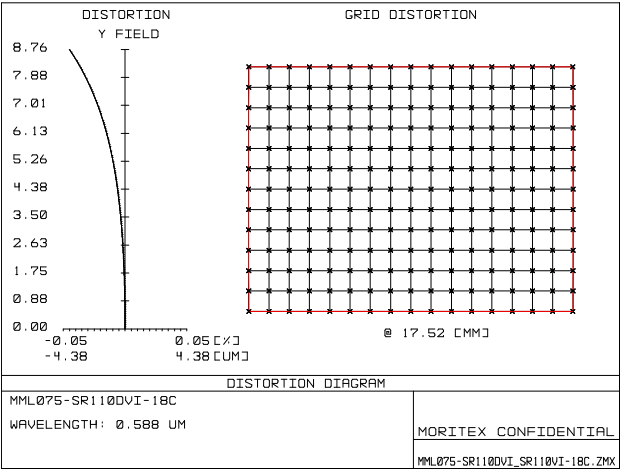
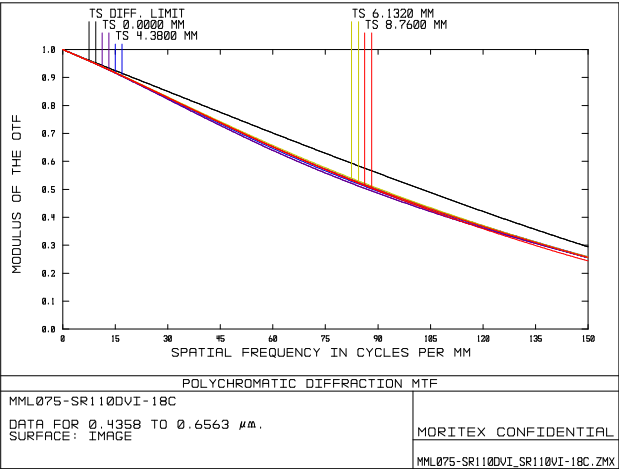
MORITEX North America, Inc.

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

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



Fno7.0 IF ϕ 17.52mm



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