

MML4-ST40D / ST40

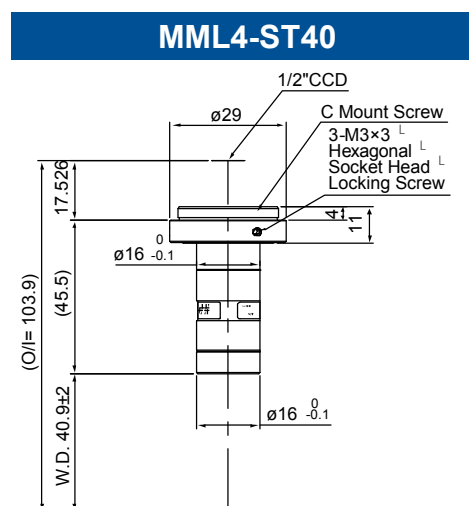
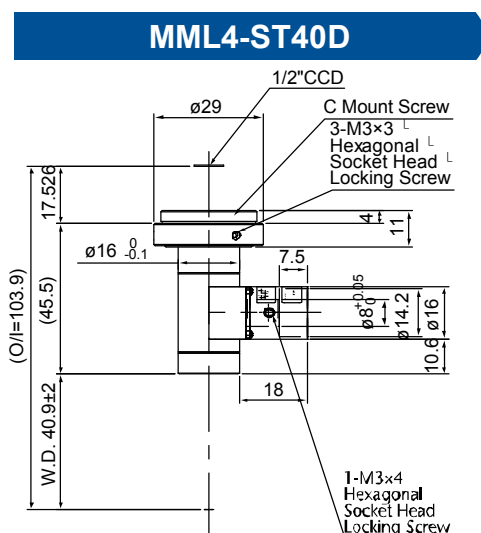
SCHOTT MORITEX Reference
Data do not guarantee the performance of the product

MML-Standard

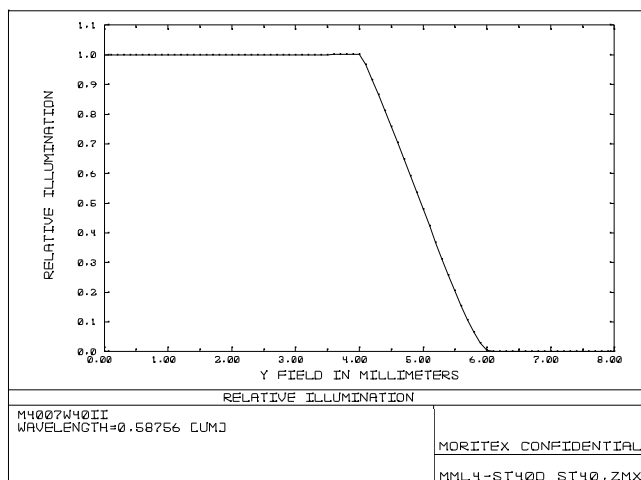
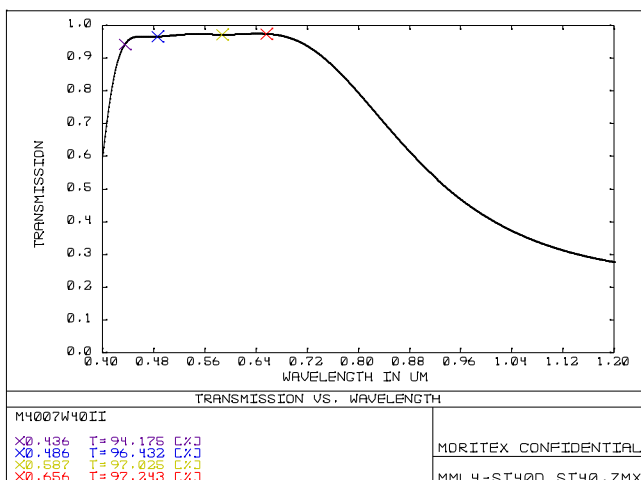
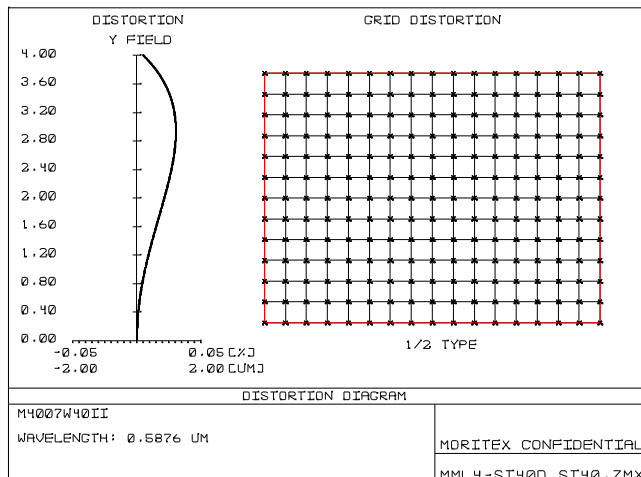
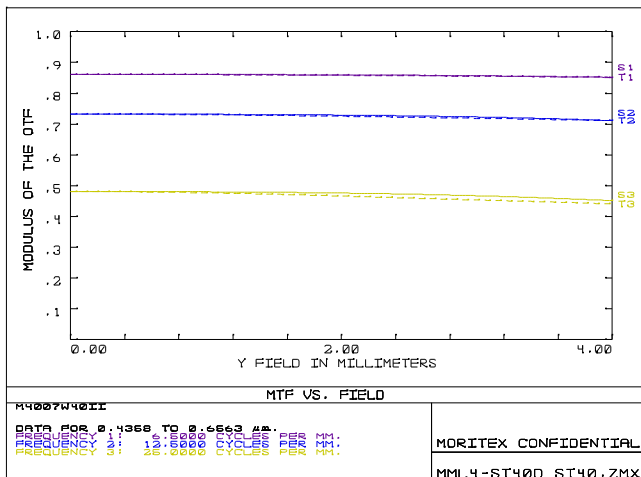
Drawing No. A03748/A03771



レンズ形式	Lens Type	Fixed Magnification Object Side Telecentric Lens
光学倍率	Magnification	4.00
焦点距離 (mm)	Focal Length	7.10
有効Fno	Effective Fno	28.50
NA	Numerical Aperture	0.070
WD/OD (mm)	Working/Object Distance	40.9/41.5
O/I (mm)	Object to Image Distance	103.90
鏡筒長 (mm)	Mechanical Tube Length	45.50
レンズバック (mm)	Lens Back	19.82
被写界深度 (mm)	DOF @PCoC $\phi 0.04\text{mm}$	0.140
分解能 (μm)	Resolution @ $\lambda=550\text{nm}$	4.8
前側/後側主点位置 (mm)	Front/Rear Principal Position	-32.63/-15.80
入射/出射瞳位置 (mm)	Entrance/Exit Pupil Position	444,047.31/-8.71
入射/出射瞳径 (mm)	Entrance/Exit Pupil Diameter	62,378.88/1.00
テレセントリシティー (deg.)	Telecentricity	0.001(1/3Inch) 0.002(1/2Inch)
光学ディストーション (%)	Optical Distortion	0.035(1/3Inch) 0.035(1/2Inch)
周辺光量比 (%)	Relative Illumination	99.96(1/3Inch) 100.26(1/2Inch)
質量 (g)	Weight	36.0/31.0
マウント	Mount	C Mount
イメージサークル径 (mm)	Image Circle	$\phi 8$
最大適合カメラ	Largest Compatible Camera	1/2 Inch



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