

# MML8-ST40D / ST40

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

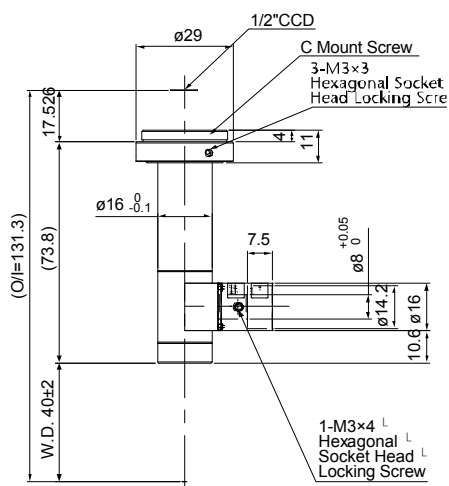
## MML-Standard

Drawing No. A03750/A03773

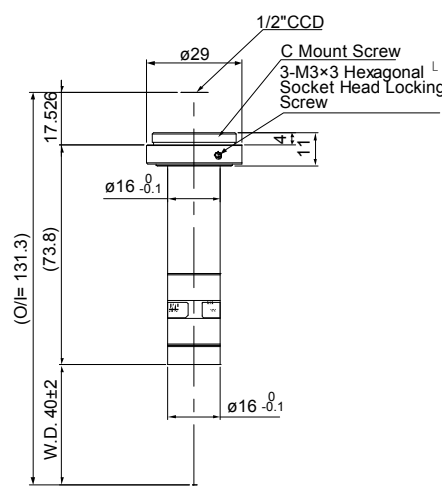


レンズ形式	Lens Type	Fixed Magnification Object Side Telecentric Lens
光学倍率	Magnification	8.00
焦点距離 (mm)	Focal Length	7.10
有効Fno	Effective Fno	57.00
NA	Numerical Aperture	0.070
WD/OD (mm)	Working/Object Distance	40.0/40.6
O/I (mm)	Object to Image Distance	131.30
鏡筒長 (mm)	Mechanical Tube Length	73.80
レンズバック (mm)	Lens Back	48.31
被写界深度 (mm)	DOF @PCoC $\phi 0.04\text{mm}$	0.070
分解能 ( $\mu\text{m}$ )	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	0.000(1/3Inch) 0.000(1/2Inch)
光学ディストーション (%)	Optical Distortion	-0.017(1/3Inch) -0.034(1/2Inch)
周辺光量比 (%)	Relative Illumination	100.08(1/3Inch) 100.17(1/2Inch)
質量 (g)	Weight	42.0/37.0
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

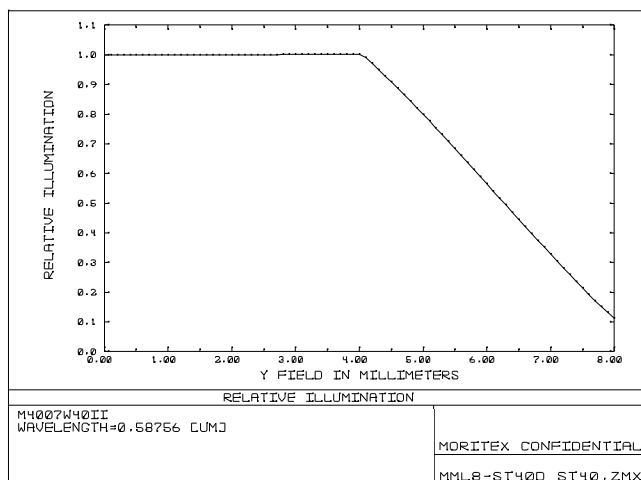
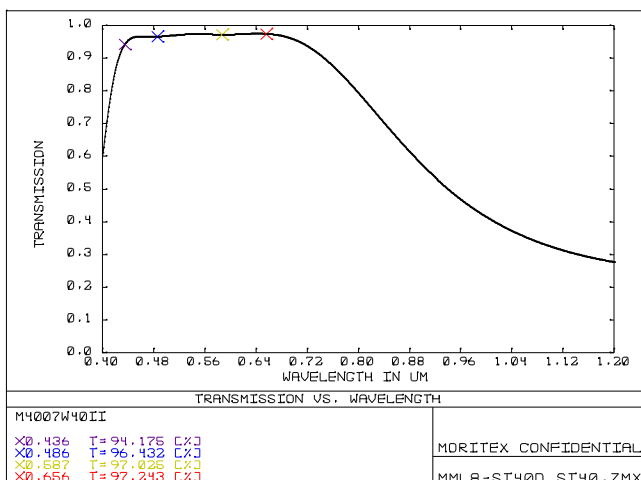
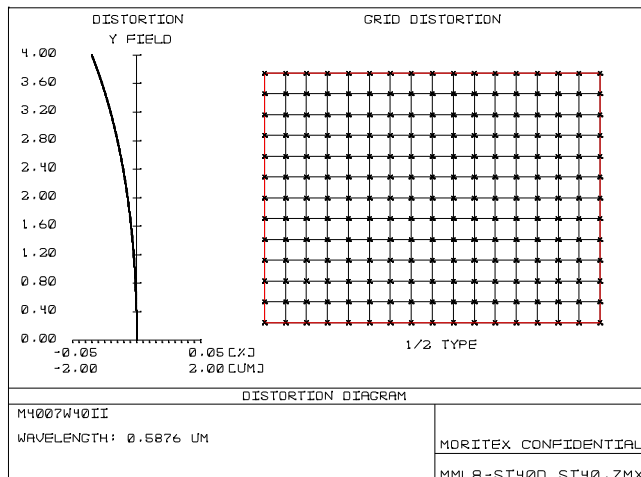
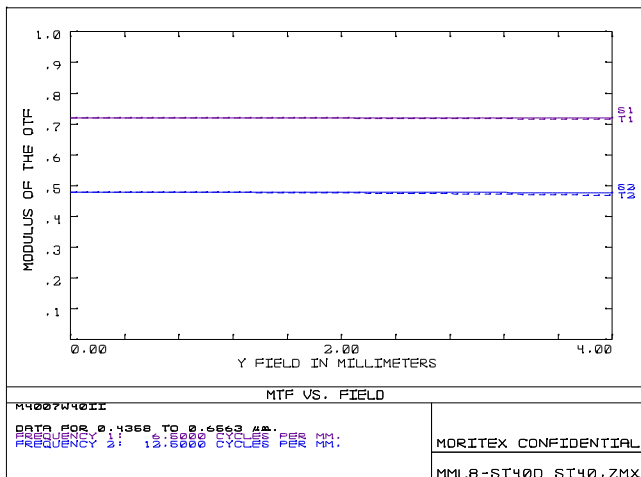
**MML8-ST40D**



**MML8-ST40**



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