

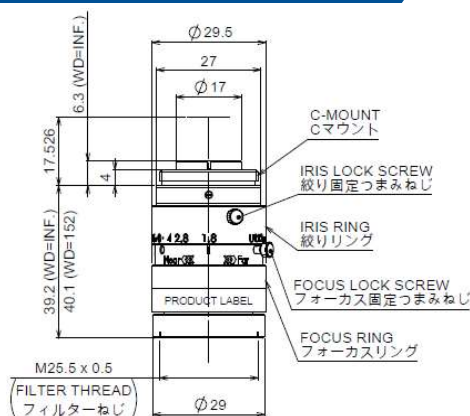
LMC-ML-M1218UR

UR series

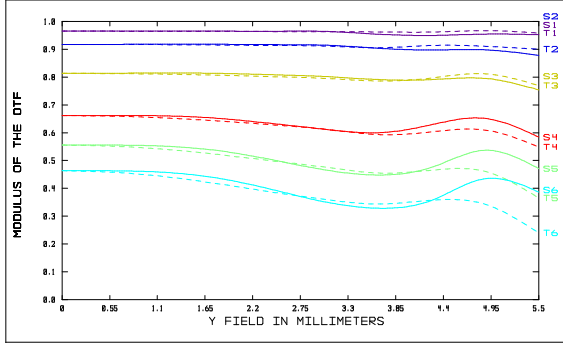


レンズ形式	Lens Type	Specifications	
フォーカス位置	Focus Position	Reference Magnification	M.O.D
光学倍率	Magnification	0.023	0.075
焦点距離 (mm)	Focal Length	12.00	12.00
Fno	Fno	1.80~16.00	
NA	Numerical Aperture	-	-
WD/OD (mm)	Working/Object Distance	500.0 / 505.6	150.0 / 155.0
O/I (mm)	Object to Image Distance	559.55	209.55
鏡筒長 (mm)	Mechanical Tube Length	39.20~40.10	
レンズバック (mm)	Lens Back	12.23	12.84
被写界深度 (mm)	DOF @PCoC ϕ 0.04mm	277.576	28.121
分解能 (μ m)	Resolution @ λ =550nm	-	-
前側/後側主点位置 (mm)	Front/Rear Principal Position	17.71 / -0.05	17.71 / -0.05
入射/出射瞳位置 (mm)	Entrance/Exit Pupil Position	11.68 / -12.18	11.68 / -12.18
入射/出射瞳径 (mm)	Entrance/Exit Pupil Diameter	6.67 / 13.41	6.67 / 13.41
画角 (deg.) H x V	Angle Of View	40.54 x 30.77	39.40 x 30.05
TVディストーション (%)	TV Distortion	-0.983	-0.905
周辺光量比 (%)	Relative Illumination	40.64	42.64
質量 (g)	Weight	60	
マウント	Mount	C mount	
イメージサークル径 (mm)	Image Circle	ϕ 11	
最大適合カメラ	Largest Compatible Camera	2/3 Inch	

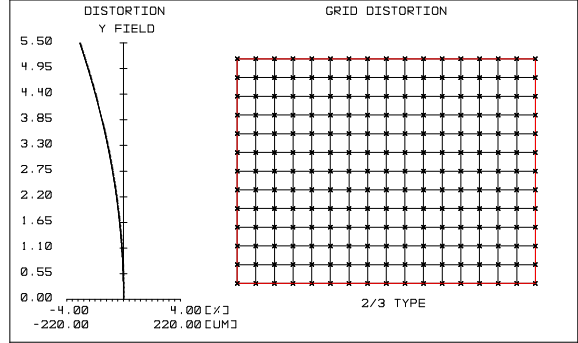
LMC-ML-M1218UR



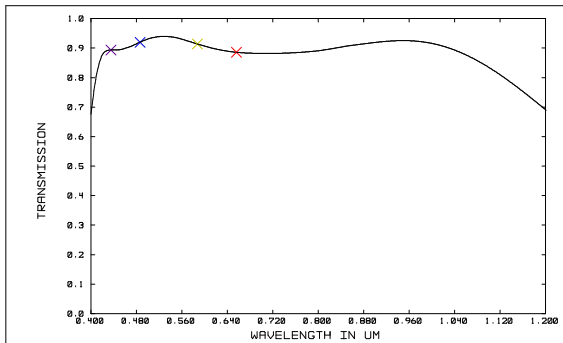
WD=500.0mm Fno2.8



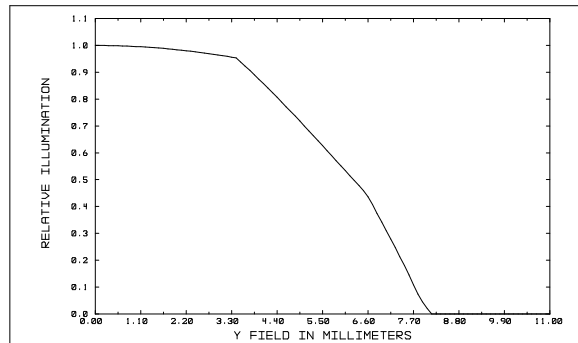
ML-M1218-MP6		MORITEX CONFIDENTIAL
DATA FOR 0.4358 TO 0.6563 μm.		
FREQ 1: 12.50 CYC/MM	FREQ 4: 100.00 CYC/MM	
FREQ 2: 25.00 CYC/MM	FREQ 5: 150.00 CYC/MM	
FREQ 3: 50.00 CYC/MM	FREQ 6: 200.00 CYC/MM	
ML-M1218UR.ZMX		



ML-M1218UR		MORITEX CONFIDENTIAL
WAVELENGTH=0.588 μm		
ML-M1218UR.ZMX		



ML-M1218UR		MORITEX CONFIDENTIAL
X@.436 T=89.372 [%]		
X@.486 T=91.991 [%]		
X@.587 T=91.395 [%]		
X@.656 T=88.582 [%]		
ML-M1218UR.ZMX		



ML-M1218-MP6		MORITEX CONFIDENTIAL
WAVELENGTH=0.58756 μm		
ML-M1218UR.ZMX		

MORITEX Corporation

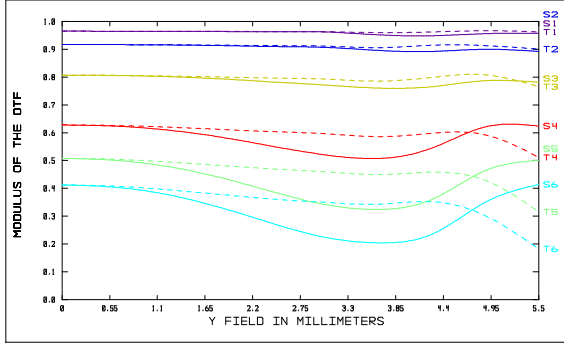
Technology center Lens design & Development technology

TEL +81 (0)48-218-2536 moritex.mvs@moritex.com

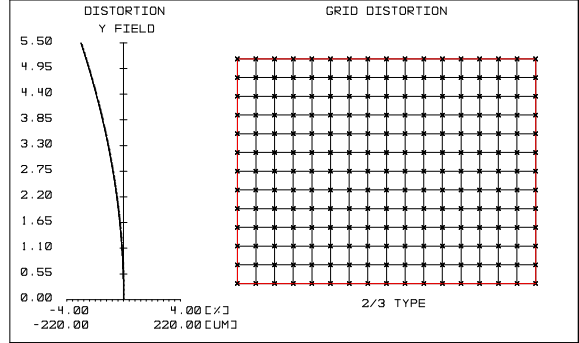
FAX +81 (0)48-462-6713 www.moritex.com



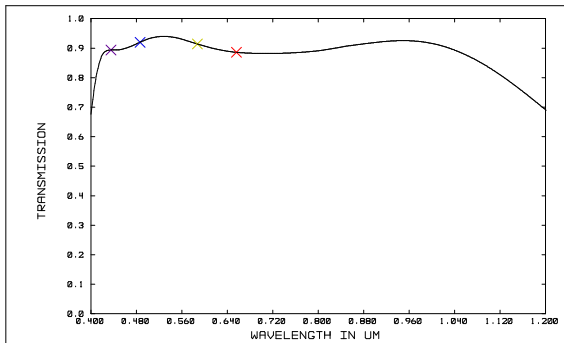
WD=300.0mm Fno2.8



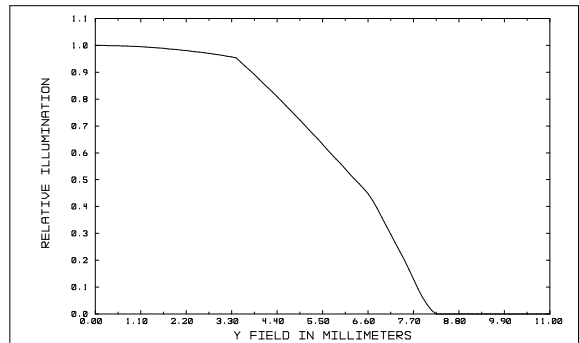
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ML-M1218UR		MORITEX CONFIDENTIAL
WAVELENGTH: 0.588 μm		
DISTORTION DIAGRAM		
ML-M1218UR.ZMX		



ML-M1218UR		MORITEX CONFIDENTIAL
X@.436	T=89.372 [%]	
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X@.656	T=88.582 [%]	ML-M1218UR.ZMX



ML-M1218-MP6		MORITEX CONFIDENTIAL
WAVELENGTH=0.58756 μm		
RELATIVE ILLUMINATION		
ML-M1218UR.ZMX		

MORITEX Corporation

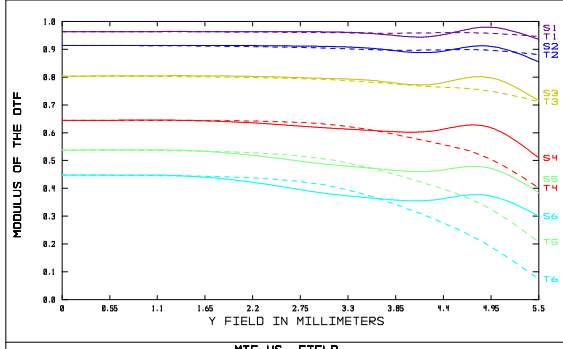
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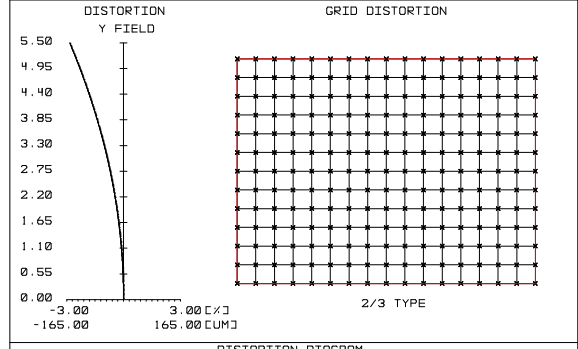
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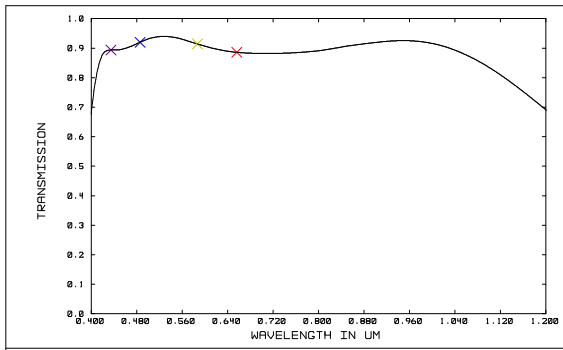
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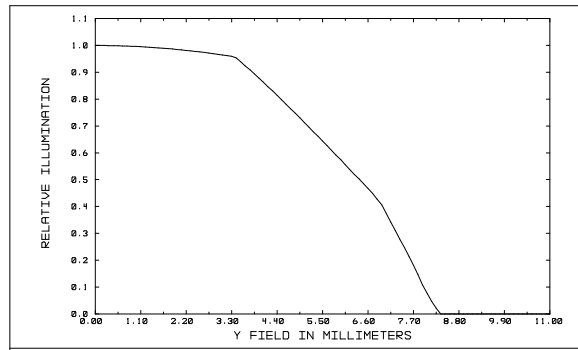
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