

ML-MC5028-18C-G

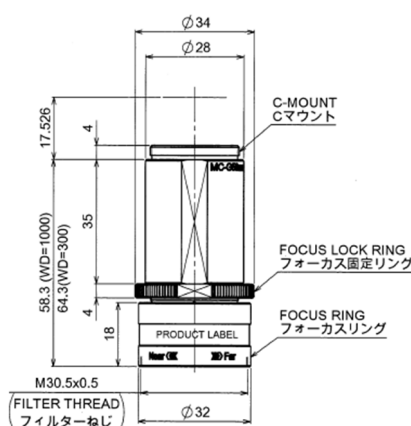
ML-MC-G series



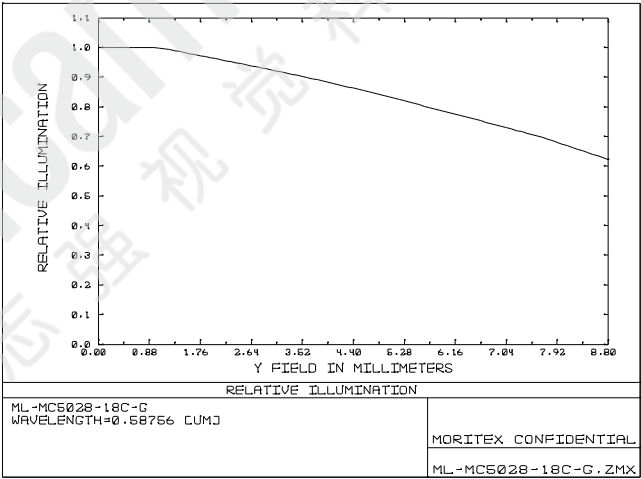
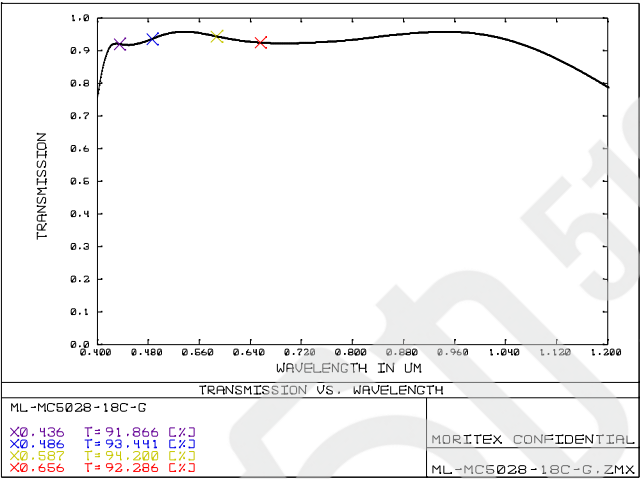
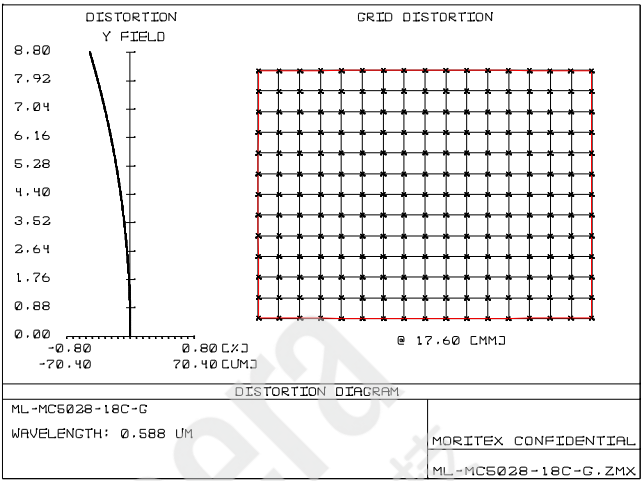
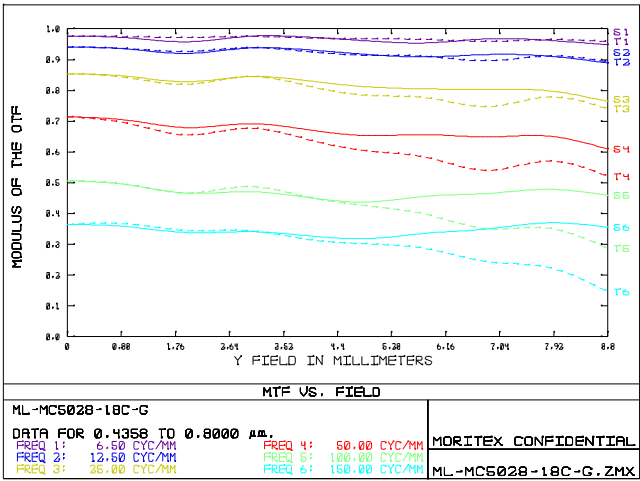
Drawing No. A23453

	Lens Type	Macro Lens
	Magnification	0.05 0.17
(mm)	Focal Length	50.02
Fno	Fno	2.8
NA	Numerical Aperture	-
WD/OD (mm)	Working/Object Distance	300.0 1000.0 / 305.0 1005.0
O/I (mm)	Object to Image Distance	381.82 1075.83
(mm)	Mechanical Tube Length	58.30 64.30
(mm)	Lens Back	32.78 38.77
(mm)	DOF @PCoC 0.04mm	8.527 90.769
(μm)	Resolution @ =550nm	-
/ (mm)	Front/Rear Principal Position	38.12 / -19.74
/ (mm)	Entrance/Exit Pupil Position	23.39 / -40.64
/ (mm)	Entrance/Exit Pupil Diameter	17.84 / 25.29
(deg.) H×V	Angle Of View @WD=1000	9.74×7.31(2/3 Inch) 14.15×10.62(1 Inch) 15.56×11.68(1.1 Inch)
TV (%)	TV Distortion @WD=1000	-0.065(2/3 Inch) -0.140(1 Inch) -0.170(1.1 Inch)
(%)	Relative Illumination @WD=1000	82.25(2/3 Inch) 69.26(1 Inch) 63.56(1.1 Inch)
(g)	Weight	75
	Mount	C mount
(mm)	Image Circle	φ17.6
	Largest Compatible Camera	1.1 Inch

ML-MC5028-18C-G



WD=1000.0mm Fno2.8



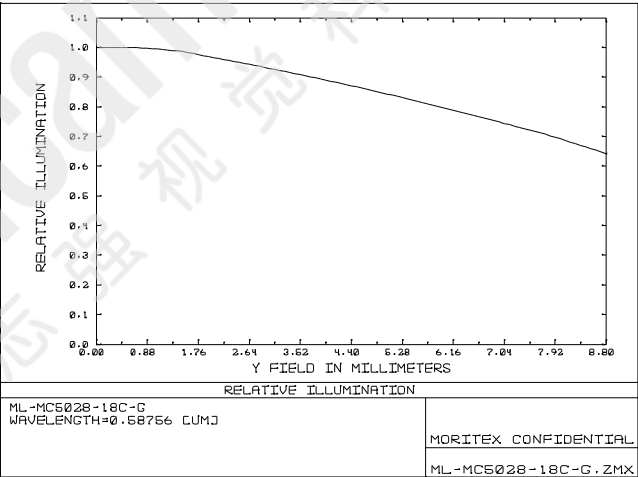
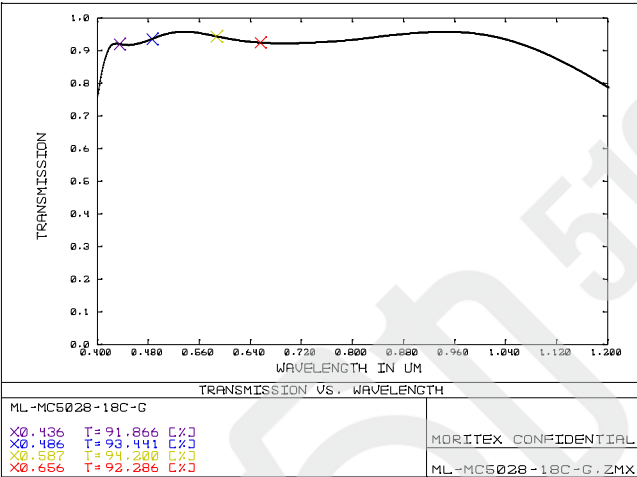
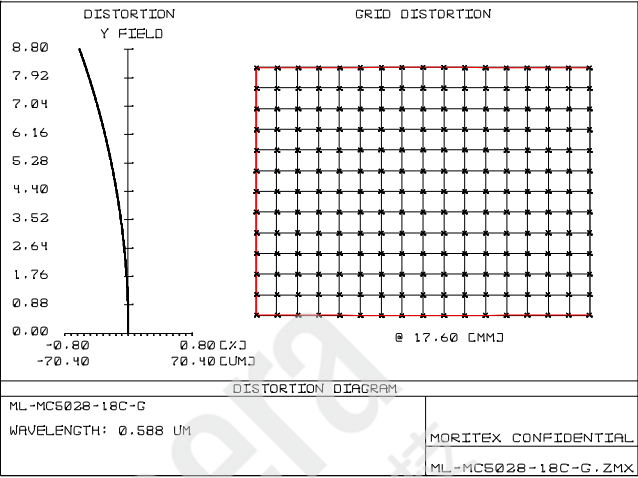
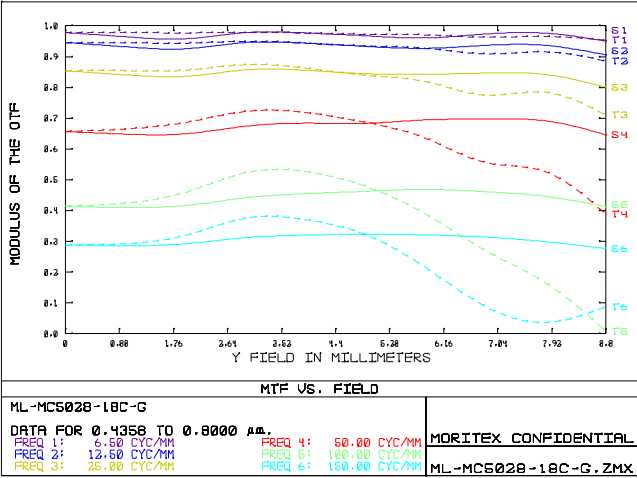
The content is subject to change at any time without notification.

株式会社 モリテックス 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=500.0mm Fno2.8



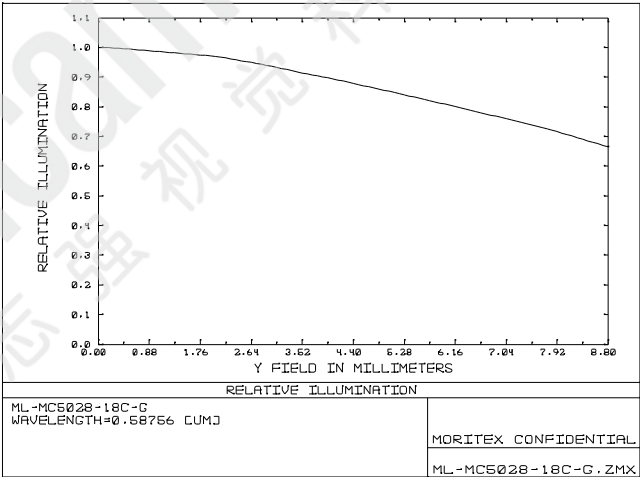
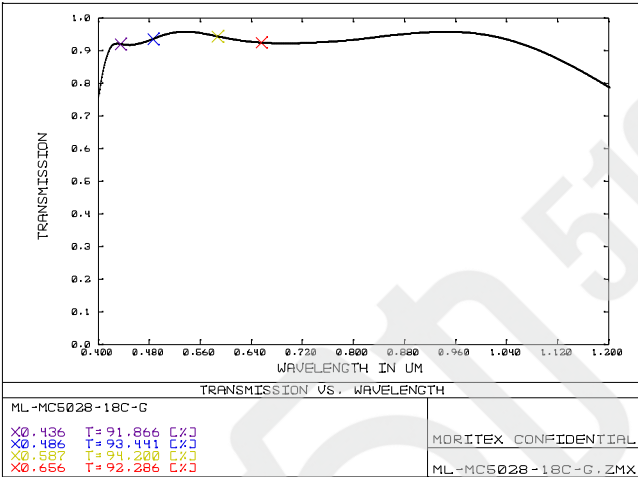
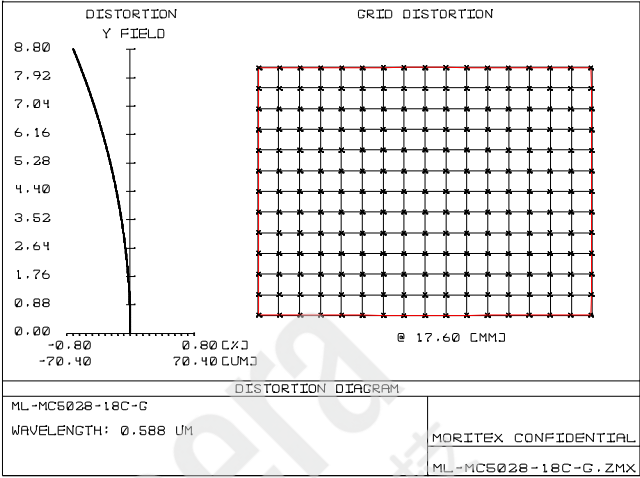
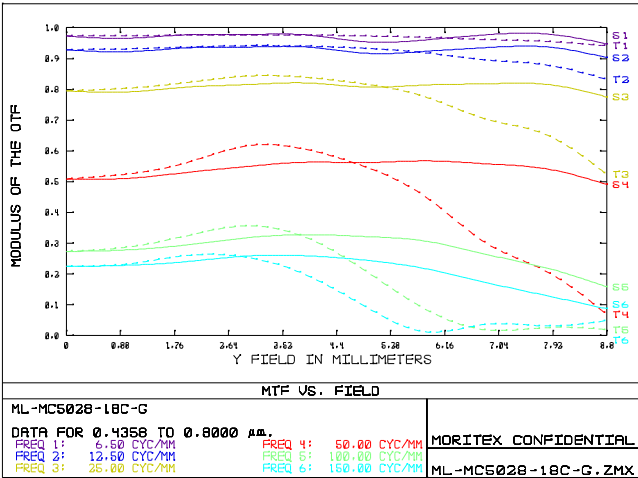
The content is subject to change at any time without notification.

株式会社 **モリテックス** 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



The content is subject to change at any time without notification.

株式会社 モリテックス 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

