


OUTLINE

Lens Specification - NMV - 50M23				
Specification		Value	1/2"	1/3"
Focal Length		f = 50mm		
Max. Diameter (Ratio)		F = 1:2.8 ~ 22		
Element		4 Group 7 Elements		
Picture Size		6.6x8.8mm	4.8x6.4mm	4.8x3.6mm
Angle	Vertical	7.2 deg.	5.2 deg.	3.9 deg.
	Horizontal	9.6 deg.	7.0 deg.	5.2 deg.
	Diagonal	11.9 deg.	8.7 deg.	6.5 deg.
Distortion (TV)		- 0.03%	-	
Shooting Range at Minimum Focus Distance	Vertical	21.9mm	16.0mm	12.0mm
	Horizontal	29.3mm	21.3mm	16.0mm
	Diagonal	36.6mm	26.6mm	20.0mm
Minimum Focus Distance		0.2m		
Flange Back Focus		17.526mm in air		
Back Focus		35.5mm in air		
Filter Screw Size		M27.0x0.5		
Effective Diameter	Front	21.7mm		
	Rear	14.6mm		
Mount		C-Mount		
Exit Pupil		- 63.7mm		
Temperature Range		-10 ~ +45 deg. C		
Strong Temperature Range		-40 ~ +60 deg. C		
Resolution	Center	100 Line/mm		
	Corner	80 Line/mm		
Weight		92g		

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SCALE:	1.5:1	0.0 inch 1.0		LENS, 50mm FL, f/2.8, 2/3" MEGAPIXEL	
WEIGHT:	See Table	0.0 mm 25.0		SIZE	
DR:	BE	DO NOT SCALE DRAWING		B	
CH:				NMV - 50M23	
PROJECT #:	E2338			SHEET 1 OF 1	
DATE DR:	7/11/2007			REV A	