



Lens specification - NMV - 12M23			
Specification	Value	1/2"	1/3"
Focal length	f = 12mm		
Max. diameter (Ratio)	F = 1:1.4 ~ 16		
Picture Size	6.6 x 8.8mm	4.8 x 6.4	4.8 x 3.6
Angle			
Vertical	26.2 deg.	21.4 deg.	16.1 deg.
Horizontal	38.3deg.	28.3 deg.	21.4 deg.
Diagonal	46.8 deg.	35.0 deg.	26.6 deg.
Distortion (TV)	-0.07%	-0.05%	-0.04%
Working Dist. - 500mm	0.025x		
Optical Mag. 400mm	0.031x		
300mm	0.041x		
200mm	0.061x		
100mm	0.080x		
Minimum Focus Distance	0.15m		
Flange Back	17.526mm in air		
Back focus	11.7mm in air		
Filter Screw Size	m27.0 X 0.5		
Effective Diameter - Front	15.8mm dia.		
Rear	14.1mm dia.		
Mount	C - Mount		
Exit Pupil	- 215mm		
Temperature Range	-10 ~ +45 deg. C		
Strong Temperature Range	-40 ~ +60 deg. C		
Resolution - Center	100 Line/mm		
Corner	100 Line/mm		
Weight	75g		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		Pyramid Imaging, Inc. 4951 E Adamo Dr. Suite 224 Tampa, FL 33605 HUBZone & ISO9001:2008 Certified		Phone: 813-984-0125 Fax: 866-874-9521 Sales@PyramidImaging.com www.PyramidImaging.com	
SCALE:	2:1			LENS, 12mm FL, f/1.4, 2/3" MEGAPIXEL	
WEIGHT:	See Table				
DR:	BE				
CH:					
PROJECT #:	E2338	DO NOT SCALE DRAWING	SIZE	<b>NMV - 12M23</b>	REV <b>A</b>
DATE DR:	7/11/2007		<b>B</b>		
			SHEET 1 OF 1		