



Lens Specifications - NMV - 8			
Specifications	Value	1/2"	1/3"
Focal Length	f = 8mm		
Maximum diameter (Ratio)	F = 1.4:1 ~ 16 ~ Close		
Element	6 gp. 7 Element		
Picture Size	6.6 x 8.8mm	4.8 x 6.4mm	3.6 x 4.8 mm
Angle - Vertical	47.7 deg.	34.6 deg.	28.6 deg.
Horizontal	64.2 deg.	46.2 deg.	34.5 deg.
Diagonal	81.3 deg.	58.1 deg.	43.3 deg.
Distortion	-6.2%	-2.5%	-1.3%
Shooting Range - Vertical	184mm	129.3mm	95.5mm
At Minimum - Horizontal	260mm	177.5mm	129.3mm
Focus Distance - Diagonal	356mm	231.0mm	165.1mm
Minimum Focus Distance	0.1m		
Flange Back	17.526mm in air		
Back Focus	11.3mm in air		
Filter Screw Size	m27.0 X 0.5		
Effective Diameter - Front	17.4mm dia.		
- Rear	11.1mm dia.		
Mount	C-Mount		
Exit Pupil	-30.2mm dia.		
Temperature Range	- 10 ~ + 45 deg. C		
Strong Temperature Range	- 40 ~ + 60 deg. C		
Resolution - Center	100 Line/mm		
- Corner	40 Line/mm		

OUTLINE

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:	1.5:1			LENS, 8.0mm FL, , 2/3", f/1.4	
WEIGHT:	See Table				
DR:	BE	DO NOT SCALE DRAWING		SIZE	NMV - 8
CH:				B	
PROJECT #:	E2338			SHEET 1 OF 1	
DATE DR:	7/13/2007			REV A	