



OUTLINE

Lens Specifications - NMV - 50			
Specifications	Value	1/2"	1/3"
Focal Length	f = 50mm		
Maximum diameter (Ratio)	F = 1:2.0 ~ 22 ~ Close		
Element	5gr. 6 Element		
Picture Size	6.6 x 8.8mm	4.8 x 6.4mm	3.6 x 4.8 mm
Angle - Vertical	7.6 deg.	5.5 deg.	4.1 deg.
Horizontal	10.1 deg.	7.3 deg.	5.5 deg.
Diagonal	12.6 deg.	9.2 deg.	6.9 deg.
Distortion	-.16%	-.12%	-0.09%
Shooting Range - Vertical	63.6mm	46.2mm	34.6mm
At Minimum - Horizontal	85.0mm	61.7mm	46.2mm
Focus Distance - Diagonal	106.6mm	77.2mm	57.8mm
Minimum Focus Distance	0.5m		
Flange Back	17.526mm in air		
Back Focus	17.2mm in air		
Filter Screw Size	M30.5 X 0.5		
Effective Diameter - Front	24.6mm dia.		
- Rear	15.4mm dia.		
Mount	C-Mount		
Exit Pupil	-42.0mm dia.		
Temperature Range	- 10 ~ + 45 deg. C		
Strong Temperature Range	- 40 ~ + 60 deg. C		
Resolution - Center	100 Line/mm		
- Corner	40 Line/mm		

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, 50.0mm FL, , 2/3", f/2.0	
WEIGHT:	See Table				
DR:	BE	DO NOT SCALE DRAWING		SIZE	NMV - 50 SHEET 1 OF 1
CH:				B	
PROJECT #:	E2338				
DATE DR:	7/13/2007				