



OUTLINE

Lens Specifications - NMV - 100			
Specifications	Value	1/2"	1/3"
Focal Length	f = 100mm		
Maximum diameter (Ratio)	F = 1:2.8 ~ 32 ~ Close		
Element	5gp. 5 Element		
Picture Size	6.6x8.8mm	4.8x6.4mm	4.8x4.8mm
Angle - Vertical	3.8 deg.	2.8 deg.	2.1 deg.
Horizontal	5.0 deg.	3.7 deg.	2.8 deg.
Diagonal	6.3 deg.	4.6 deg.	3.4 deg.
Distortion	-0.05%	-0.04%	-0.02%
Shooting Range - Vertical	27.6mm	20.0mm	15.0mm
At Minimum - Horizontal	36.8mm	26.7mm	20.0mm
Focus Distance - Diagonal	46.0mm	33.4mm	25.0mm
Minimum Focus Distance	2.0m (0.5m w/adapter)		
Flange Back	17.526mm in air		
Back Focus	19.0mm in air		
Filter Screw Size	M40.5X0.5		
Effective Diameter - Front	35.2mm dia.		
- Rear	11.2mm 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, 100.0mm FL, , 2/3", f/2.8	
WEIGHT:	See Table				
DR:	BE	DO NOT SCALE DRAWING		SIZE	B
CH:					
PROJECT #:	E2338	SHEET 1 OF 1	A		
DATE DR:	7/13/2007				