



OUTLINE

Lens Specifications - NMV - 16			
Specifications	Value	1/2"	1/3"
Focal Length	f = 16mm		
Maximum diameter (Ratio)	F = 1.4:1 ~ 16 ~ Close		
Element	6gp. 6 Element		
Picture Size	6.6 x 8.8mm	4.8 x 6.4mm	3.6 x 4.8 mm
Angle - Vertical	22.8 deg.	16.6 deg.	12.4 deg.
Horizontal	30.5 deg.	22.2 deg.	16.6 deg.
Diagonal	38.3 deg.	27.7 deg.	20.8 deg.
Distortion	-10.7%	-5.0%	-2.7%
Shooting Range - Vertical	82.6mm	59.6mm	44.5mm
At Minimum - Horizontal	118.8mm	80.1mm	59.6mm
Focus Distance - Diagonal	142.5mm	101.1mm	74.9mm
Minimum Focus Distance	0.2m		
Flange Back	17.526mm in air		
Back Focus	12.15mm in air		
Filter Screw Size	M27.0 X 0.5		
Effective Diameter - Front	12.0mm dia.		
- Rear	12.8mm dia.		
Mount	C-Mount		
Exit Pupil	-48.9mm 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, 16.0mm FL, , 2/3", f/1.4	
WEIGHT:	See Table				
DR:	BE	DO NOT SCALE DRAWING		SIZE	NMV - 16 SHEET 1 OF 1
CH:				REV	
PROJECT #:	E2338				
DATE DR:	7/13/2007				