



**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		

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SCALE: 1.5:1	0.0 inch 1.0
WEIGHT: See Table	0.0 mm 25.0
DR: BE	DO NOT SCALE DRAWING
CH:	
PROJECT #: E2338	
DATE DR: 7/13/2007	

NAVITAR  
ROCHESTER, NEW YORK

LENS 16.0mm FL 2/2" f/1.4

SIZE **B**

**AUDIOVIDEO SUPPLY**

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