



**OUTLINE**

Lens Specifications - NMV - 50M1			
Specifications	1"	2/3"	1/1.8"
Focal Length	f = 50mm		
Maximum diameter (Ratio)	F = 1.4:1 ~ 16		
Picture Size	12.8 x 9.6mm	8.8 x 6.6mm	5.4 x 7.2 mm
Angle - Vertical	10.8 deg.	7.5 deg.	6.2 deg.
Horizontal	14.5 deg.	10.0 deg.	8.2 deg.
Diagonal	18.0 deg.	12.5 deg.	10.2 deg.
Distortion (TV)	-0.05%	-0.05%	-0.05%
Minimum Focus Distance	0.5m		
Flange Back	17.526mm in air		
Back Focus	14.8mm in air		
Filter Screw Size	M40.5 x 0.5		
Effective Diameter - Front	35.0mm dia.		
- Rear	15.5mm dia.		
Mount	C-Mount		
Exit Pupil	-44.4mm dia.		
Temperature Range	- 10 ~ + 45 deg. C		
Strong Temperature Range	- 40 ~ + 60 deg. C		
Weight	210 gr		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
SCALE:	1.5:1
WEIGHT:	See Table
DR:	BE
CH:	
PROJECT #:	
DATE DR:	7/13/2007

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0.0 inch 1.0  
0.0 mm 25.0

DO NOT SCALE DRAWING

**NAVITAR**  
ROCHESTER, NEW YORK

LENS, 50.0mm FL, 1", f/1.4

SIZE **B**

**NMV - 50M1**

SHEET 1 OF 1

REV