



OUTLINE

| Lens Specifications - NMV - 75 | | | |
|--------------------------------|-------------------------|-------------|--------------|
| Specifications | Value | 1/2" | 1/3" |
| Focal Length | f = 75mm | | |
| Maximum diameter (Ratio) | F = 1.25:1 ~ 22 ~ Close | | |
| Element | 5gr. 5 Element | | |
| Picture Size | 6.6 x 8.8mm | 4.8 x 6.4mm | 3.6 x 4.8 mm |
| Angle - Vertical | 5.0 deg. | 3.7 deg. | 2.8 deg. |
| Horizontal | 6.7 deg. | 4.9 deg. | 3.7 deg. |
| Diagonal | 8.3 deg. | 6.1 deg. | 4.6 deg. |
| Distortion | -0.1% | -0.08% | -0.05% |
| Shooting Range - Vertical | 38.1mm | 27.7mm | 20.4mm |
| At Minimum - Horizontal | 50.8mm | 37.0mm | 27.7mm |
| Focus Distance - Diagonal | 63.5mm | 46.2mm | 34.7mm |
| Minimum Focus Distance | 1.2m | | |
| Flange Back | 17.526mm in air | | |
| Back Focus | 18.0mm in air | | |
| Filter Screw Size | M34.0X 0.5 | | |
| Effective Diameter - Front | 30.2mm dia. | | |
| - Rear | 12.4mm dia. | | |
| Mount | C-Mount | | |
| Exit Pupil | -38.9mm 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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| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | THE CONTENTS OF THIS DOCUMENT ARE PROPRIETARY TO NAVITAR, ITS USE IS AUTHORIZED ONLY FOR RESPONDING TO REQUEST FOR QUOTATION OR PERFORMANCE OF WORK FOR NAVITAR | | | |
| | SCALE: 1.5:1 | | | WEIGHT: See Table |
| DR: BE | CH: | | | |
| PROJECT #: E2338 | DATE DR: 7/13/2007 | | | |
| DO NOT SCALE DRAWING | | SIZE B | NMV - 75 SHEET 1 OF 1 | REV A |