



Lens Specifications - SWIR-35			
Specifications	Value	1/2"	1/3"
Focal Length	f = 35mm		
Maximum diameter (Ratio)	F = 1.4:1 ~ 16 ~ Close		
Picture Size	12.8 x 9.6mm	8.8 x 6.6mm	6.4 x 4.8mm
Angle - Vertical	15.8 deg.	10.8deg.	7.85 deg.
Horizontal	20.9 deg.	14.4 deg.	10.5deg.
Diagonal	26.1 deg.	18.0deg	13.1 deg.
Distortion (TV)	-0.5%	-0.3%	-0.1%
Minimum Focus Distance	0.3m		
Flange Back	17.526mm in air		
Back Focus	16.8mm in air		
Filter Screw Size	M35.5 x 0.5		
Effective Diameter - Front	24.3mm dia.		
- Rear	19.1mm dia.		
Mount	C-Mount		
Exit Pupil	-57.9mm dia.		
Temperature Range	- 10 ~ + 45 deg. C		
Strong Temperature Range	- 40 ~ + 60 deg. C		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES
SCALE: 1.5:1
WEIGHT: See Table
DR: R. PODLENA
CH:
PROJECT #:
DATE DR: 6/3/2008

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

0.0 inch 1.0  
0.0 mm 25.0

DO NOT SCALE DRAWING

**NAVITAR**  
ROCHESTER, NEW YORK

LENS, 35mm FL, 1", f/1.4, 700-1900nm

SIZE **B**

**SWIR-35**

SHEET 1 OF 1

REV **A**

# OUTLINE