

Lens Specifications - 1.1" 35mm F/1.8, 12MP

Specifications	1.1"	1"	2/3"
Focal Length	f = 35mm		
Maximum diameter (Ratio)	F = 1.8 - 16		
Picture Size	10.6 x 14.1 mm	9.6 x 12.8 mm	6.6 x 8.8 mm
Angle			
- Vertical	16.7 deg	15.2 deg	10.5 deg
- Horizontal	22.1 deg	20.2 deg	14.0 deg
- Diagonal	27.5 deg	25.1 deg	17.4 deg
Distortion	0.01%	0.01%	0.01%
FOV (@MOD)			
- Vertical	63mm	57mm	39mm
- Horizontal	84mm	76mm	52mm
- Diagonal	104mm	95mm	65mm
Minimum Focus Distance	0.2m		
Flange Focus	17.526mm in air		
Back Focus	15.5mm in air		
Filter Screw Size	M40.5x0.5		
Clear Aperture Front / Rear	Ø33.4mm / Ø16.2mm		
Mount	C-Mount		
Exit Pupil	-40.0mm		
Temperature Range	- 10 ~ + 50 deg. C		
Storage Temperature Range	- 20 ~ + 60 deg. C		
Resolution Center / Corner	160lp/mm / 100lp/mm		
Weight	205g		

OUTLINE



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM] AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NAVITAR. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF NAVITAR IS PROHIBITED.

SCALE: 1:1

WEIGHT: SEE TABLE

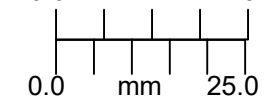
DR BY: PB

CH BY: J. WILLIAMSON

PROJECT #:

DATE DR: 11/12/2018

0.0 inch 1.0



DO NOT SCALE DRAWING



LENS, 35mm, F/1.8, 1.1", 12MP C-MNT

SIZE	PART NUMBER	REV
B	NMV-35M1.1	