

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

Specifications	1.1"	1"	2/3"
Focal Length	f = 12mm		
Maximum diameter (Ratio)	F = 1.8 - 16		
Picture Size	10.6 x 14.1mm	9.6 x 12.8 mm	6.6 x 8.8 mm
Angle			
- Vertical	46.9 deg	42.9 deg	30.1 deg
- Horizontal	60.0 deg	55.3 deg	39.6 deg
- Diagonal	71.0 deg	66.2 deg	48.5 deg
Distortion	0.26%	0.03%	-0.22%
FOV (@MOD)			
- Vertical	101mm	92mm	63mm
- Horizontal	135mm	123mm	84mm
- Diagonal	168mm	153mm	105mm
Minimum Focus Distance	0.1m		
Flange Focus	17.526mm in air		
Back Focus	14.5mm in air		
Filter Screw Size	M49x0.75		
Clear Aperture Front / Rear	Ø36.8mm / Ø17.0mm		
Mount	C-Mount		
Exit Pupil	-118.2mm		
Temperature Range	- 10 ~ + 50 deg. C		
Storage Temperature Range	- 20 ~ + 60 deg. C		
Resolution Center / Corner	160lp/mm / 100lp/mm		
Weight	260g		

OUTLINE



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

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SCALE: 1:1

WEIGHT: SEE TABLE

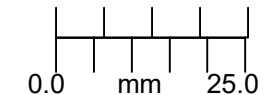
DR BY: PB

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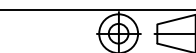
PROJECT #:

DATE DR: 11/13/2018

0.0 inch 1.0



DO NOT SCALE DRAWING



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

SIZE	PART NUMBER	REV
B	NMV-12M1.1	