



# OUTLINE

Lens specification - NMV - 8M23			
Specification	2/3"	1/1.8"	1/2"
Focal length	f = 8mm		
Max. diameter (Ratio)	F = 1:1.4 ~ Close		
Picture Size	6.6 x 8.8mm		
Angle Vertical	43.9 deg.	36.3 deg.	32.5 deg.
Horizontal	56.5 deg.	47.4 deg.	42.6 deg.
Diagonal	66.7 deg.	57.4 deg.	52.0 deg.
Distortion (TV)	-0.6%		
Shooting Range At Ver.			
Minimum Focus	90.0mm	73.4mm	65.1mm
Hor. Distance	120.3mm	98.3mm	87.2mm
Distance Dia.	148.6mm	122.9mm	109.4mm
Minimum Focus Distance	0.1m		
Flange Back	17.526mm in air		
Back focus	9.74mm in air		
Filter Screw Size	M27x0.5		
Effective Diameter - Front	$\varnothing 17.5$ mm		
Rear	$\varnothing 15.6$ mm		
Mount	C - Mount		
Exit Pupil	214.3mm		
Temperature Range	-10 ~ +50 deg. C		
Strong Temperature Range	-20 ~ +60 deg. C		
Resolution - Center	100 Line/mm		
Corner	80 Line/mm		
Weight	90g		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM] AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	PROPRIETARY AND CONFIDENTIAL				
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SCALE:	1:1			LENS, 8mm FL, f/1.4, 2/3" MEGAPIXEL	
WEIGHT:	N/A				
DR BY:	A. INSKIP				
CH BY:		DO NOT SCALE DRAWING		SIZE	PART NUMBER
PROJECT #:				<b>B</b>	<b>NMV-8M23</b>
DATE DR:	9/16/2021			REV	<b>A</b>