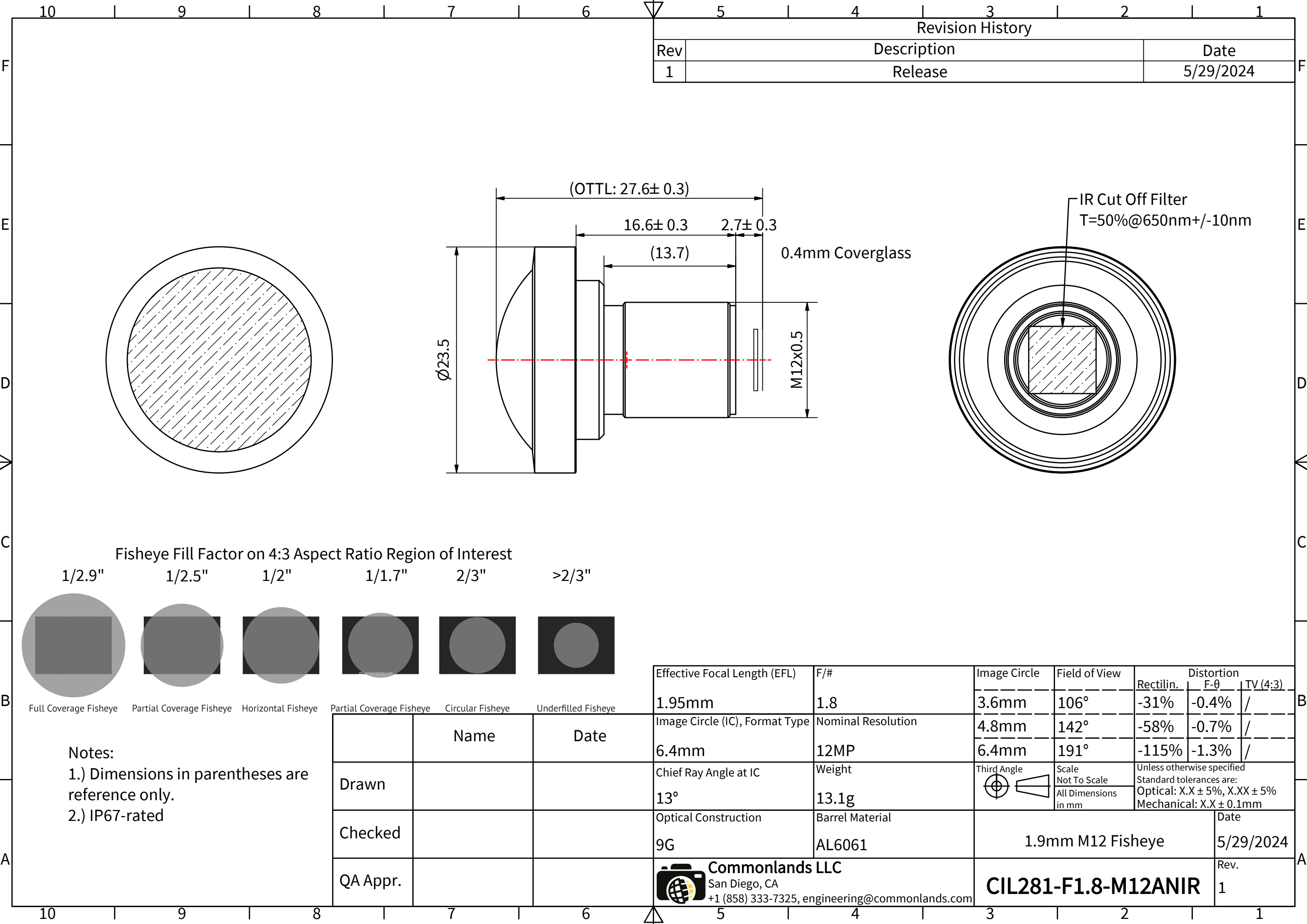
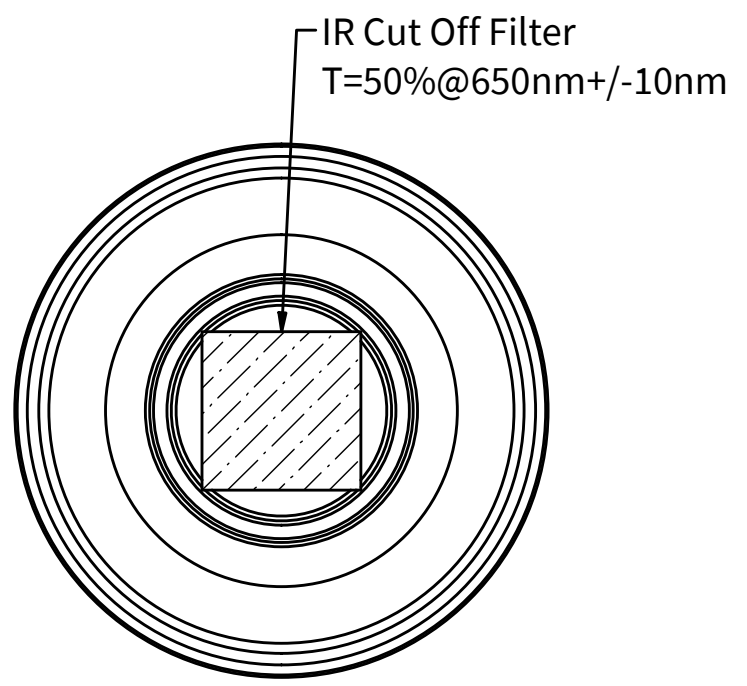
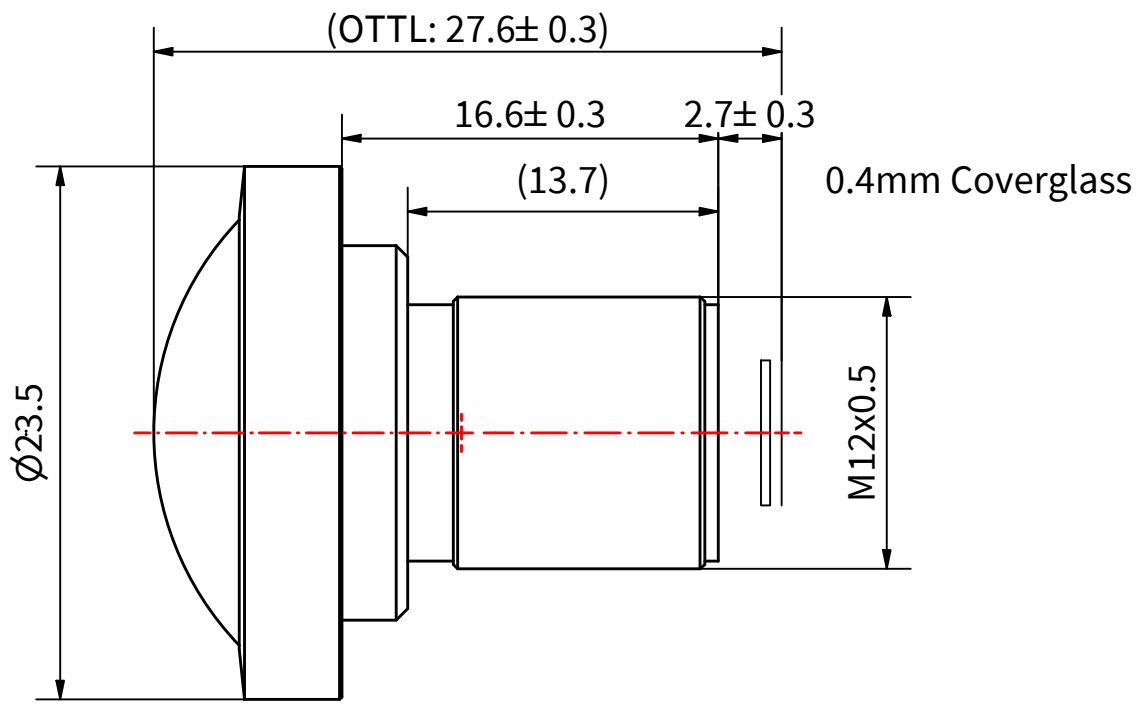


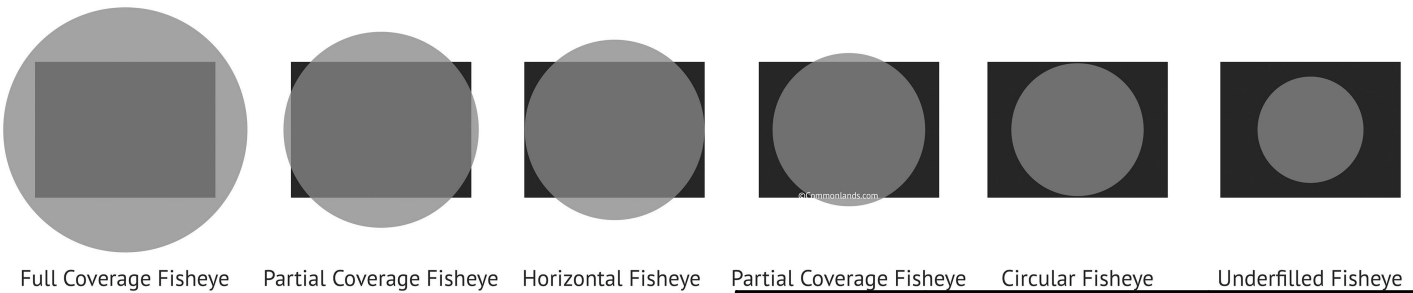


Revision History		
Rev	Description	Date
1	Release	5/29/2024



Fisheye Fill Factor on 4:3 Aspect Ratio Region of Interest

1/2.9" 1/2.5" 1/2" 1/1.7" 2/3" >2/3"



Notes:
1.) Dimensions in parentheses are reference only.
2.) IP67-rated

	Name	Date	Effective Focal Length (EFL)	F/#	Image Circle	Field of View	Distortion		
			1.95mm	1.8	3.6mm	106°	Rectilin.	F-θ	TV (4:3)
Drawn			Image Circle (IC), Format Type	Nominal Resolution	4.8mm	142°	-58%	-0.7%	/
			6.4mm	12MP	6.4mm	191°	-115%	-1.3%	/
			Chief Ray Angle at IC	Weight		Scale	Unless otherwise specified Standard tolerances are: Optical: X.X ± 5%, X.XX ± 5% Mechanical: X.X ± 0.1mm		
			13°	13.1g		Not To Scale			
Checked			Optical Construction	Barrel Material	1.9mm M12 Fisheye				Date
			9G	AL6061					5/29/2024
QA Appr.			Commonlands LLC San Diego, CA +1 (858) 333-7325, engineering@commonlands.com			CIL281-F1.8-M12ANIR			Rev.
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