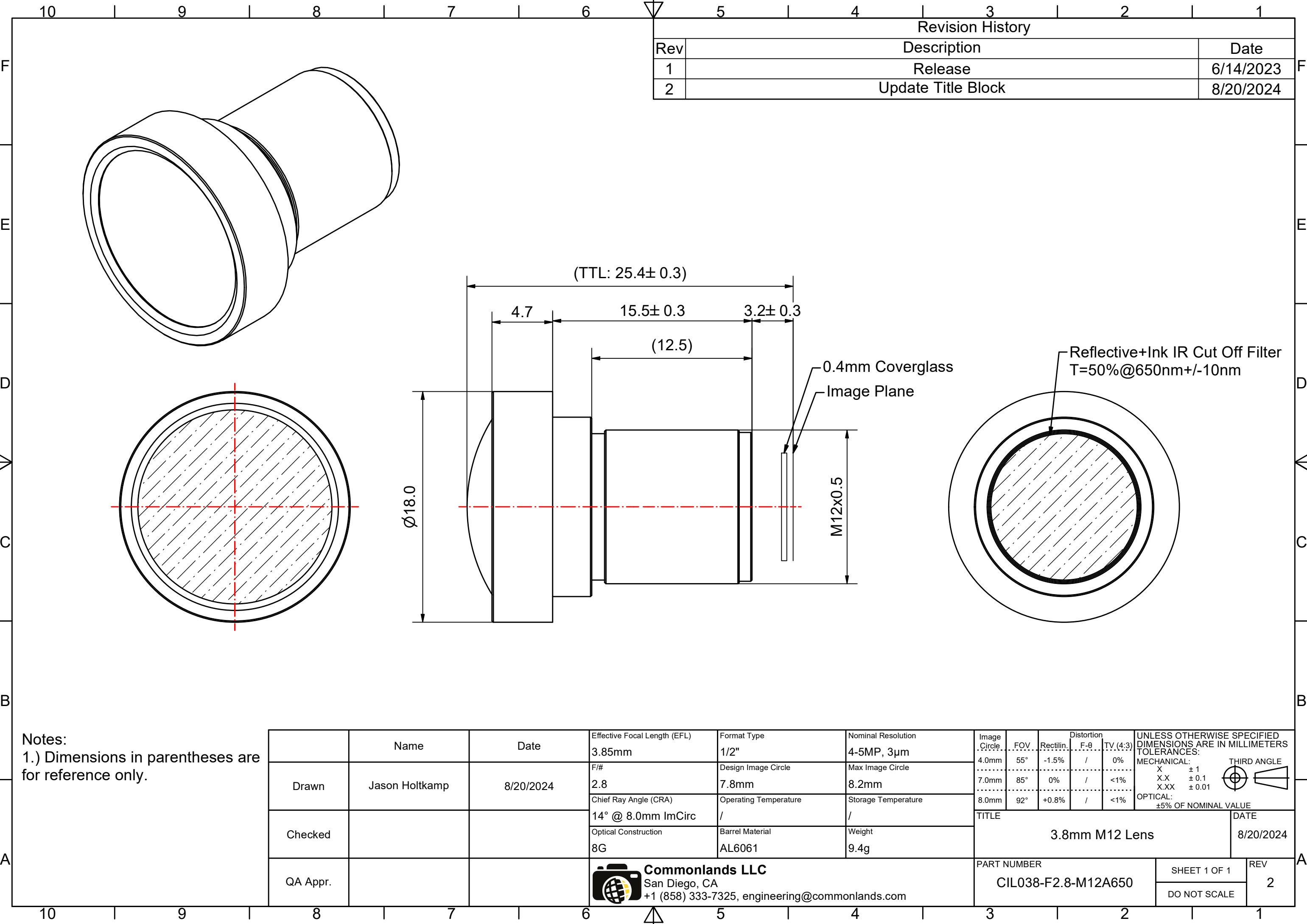




Notes:
1.) Dimensions in parentheses are for reference only.

	Name	Date	Effective Focal Length (EFL)	Format Type	Nominal Resolution	Image Circle	FOV	Rectilin.	Distortion F- θ	TV (4:3)	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: MECHANICAL: X ± 1 X.X ± 0.1 X.XX ± 0.01 OPTICAL: $\pm 5\%$ OF NOMINAL VALUE THIRD ANGLE		
Drawn	Jason Holtkamp	8/20/2024	3.85mm	1/2"	4-5MP, 3 μ m	4.0mm	55°	-1.5%	/	0%			
			F/#	Design Image Circle	Max Image Circle	7.0mm	85°	0%	/	<1%			
			Chief Ray Angle (CRA)	Operating Temperature	Storage Temperature	8.0mm	92°	+0.8%	/	<1%			
Checked			14° @ 8.0mm ImCirc	/	/	TITLE					DATE		
			Optical Construction	Barrel Material	Weight	3.8mm M12 Lens					8/20/2024		
QA Appr.			8G	AL6061	9.4g	PART NUMBER					SHEET 1 OF 1		REV
			 Commonlands LLC San Diego, CA +1 (858) 333-7325, engineering@commonlands.com			CIL038-F2.8-M12A650					DO NOT SCALE		2