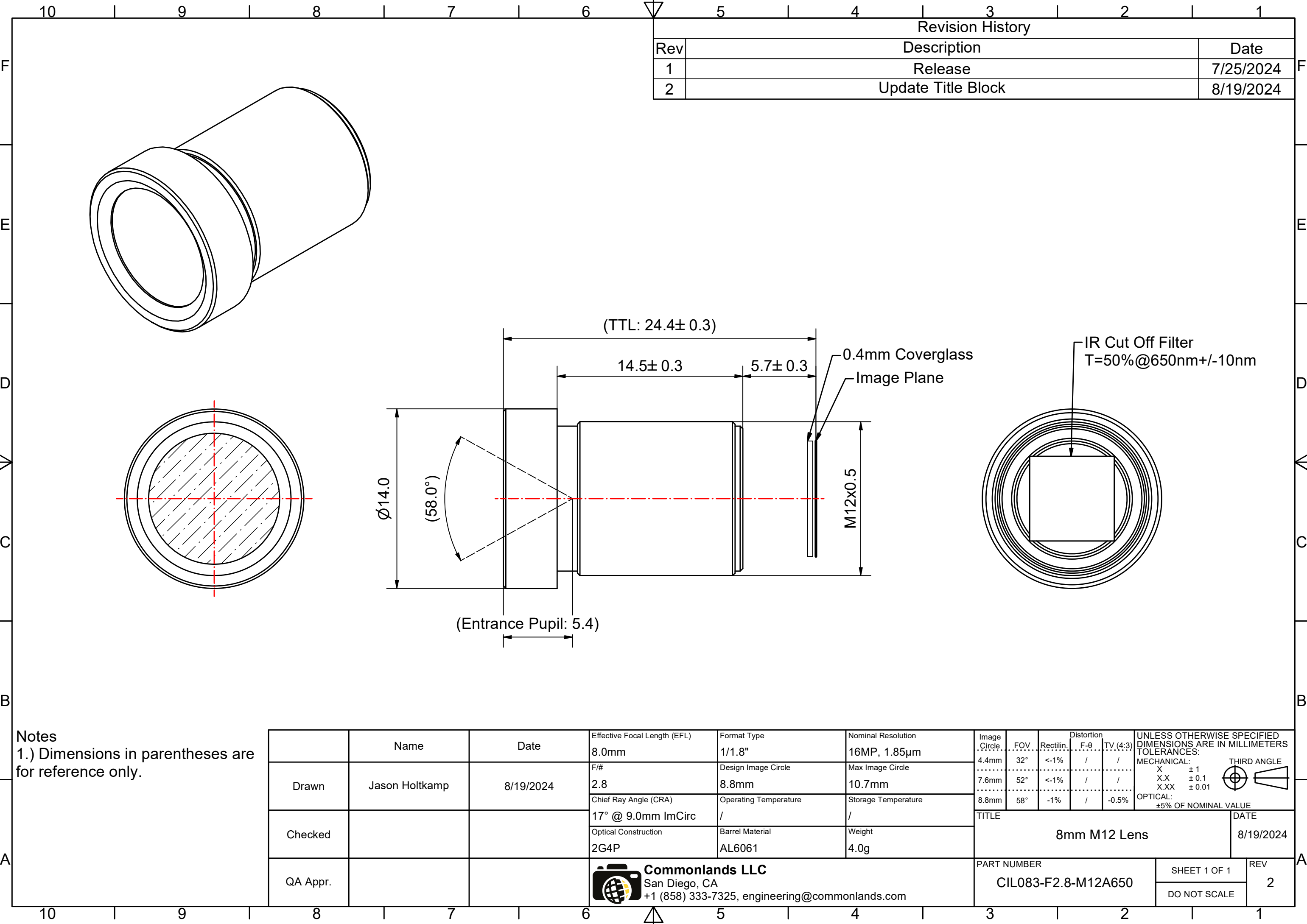




Revision History		
Rev	Description	Date
1	Release	7/25/2024
2	Update Title Block	8/19/2024

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

	Name	Date	Effective Focal Length (EFL) 8.0mm	Format Type 1/1.8"	Nominal Resolution 16MP, 1.85µm	Image Circle	FOV	Rectilin.	Distortion F-# TV (4:3)		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: MECHANICAL: X ± 1 X.X ± 0.1 X.XX ± 0.01 OPTICAL: ±5% OF NOMINAL VALUE THIRD ANGLE 		
Drawn	Jason Holtkamp	8/19/2024	F/#	Design Image Circle	Max Image Circle	4.4mm	32°	<-1%	/	/			
			2.8	8.8mm	10.7mm	7.6mm	52°	<-1%	/	/			
			Chief Ray Angle (CRA)	Operating Temperature	Storage Temperature	8.8mm	58°	-1%	/	-0.5%			
Checked			17° @ 9.0mm ImCirc	/	/	TITLE 8mm M12 Lens					DATE 8/19/2024		
			Optical Construction	Barrel Material	Weight								
			2G4P	AL6061	4.0g								
QA Appr.			 Commonlands LLC San Diego, CA +1 (858) 333-7325, engineering@commonlands.com			PART NUMBER CIL083-F2.8-M12A650					SHEET 1 OF 1		REV 2
											DO NOT SCALE		