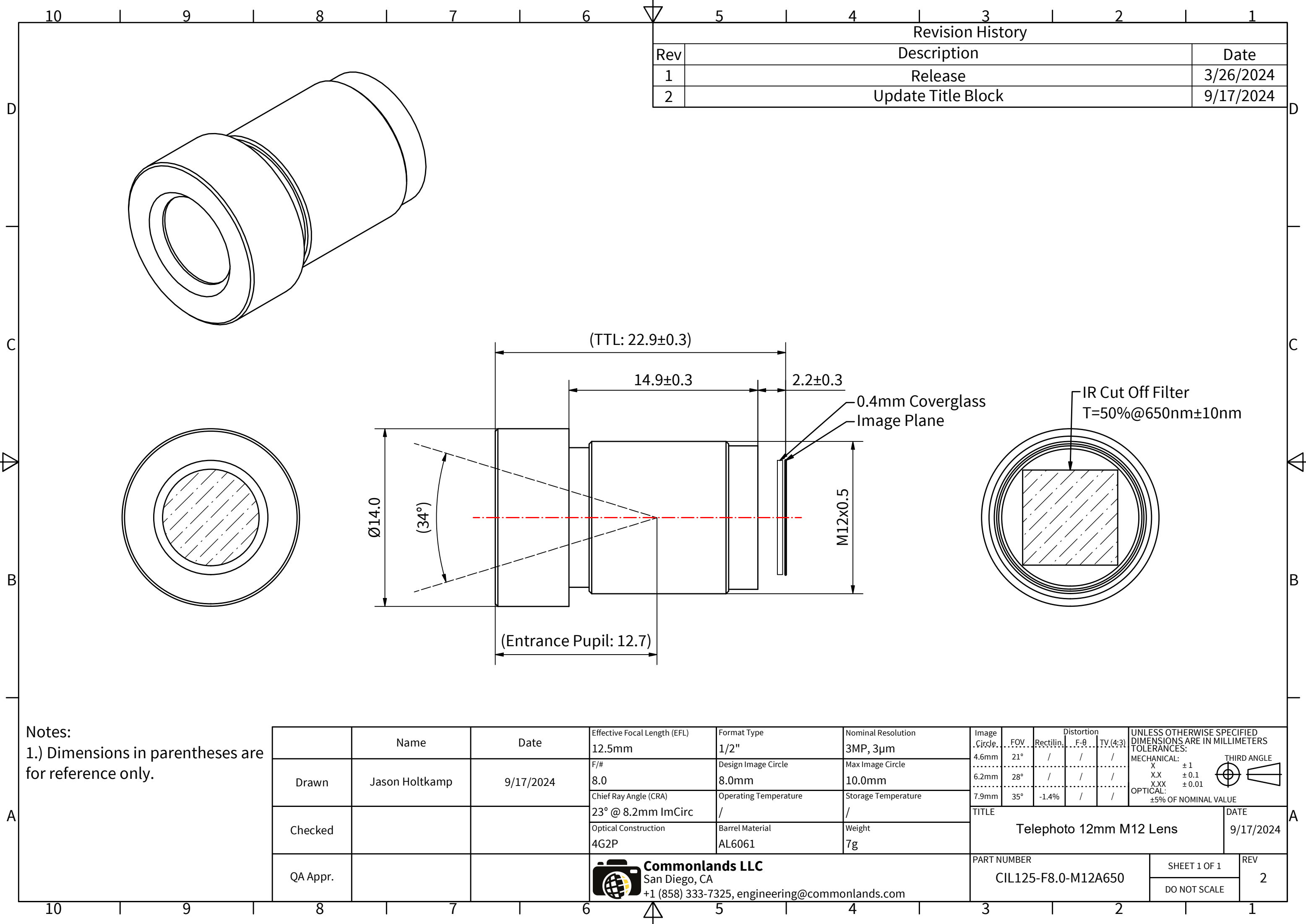
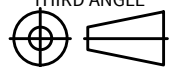




Revision History		
Rev	Description	Date
1	Release	3/26/2024
2	Update Title Block	9/17/2024

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

	Name	Date	Effective Focal Length (EFL) 12.5mm	Format Type 1/2"	Nominal Resolution 3MP, 3μm	Image Circle	FOV	Distortion Rectilin.	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: ±5% OF NOMINAL VALUE		
Drawn	Jason Holtkamp	9/17/2024	F/# 8.0	Design Image Circle 8.0mm	Max Image Circle 10.0mm	4.6mm	21°	/	/	/	THIRD ANGLE 		
			Chief Ray Angle (CRA) 23° @ 8.2mm ImCirc	Operating Temperature /	Storage Temperature /	6.2mm	28°	/	/	/			
			Optical Construction 4G2P	Barrel Material AL6061	Weight 7g	7.9mm	35°	-1.4%	/	/			
Checked						TITLE Telephoto 12mm M12 Lens					DATE 9/17/2024		
QA Appr.			 Commonlands LLC San Diego, CA +1 (858) 333-7325, engineering@commonlands.com			PART NUMBER CIL125-F8.0-M12A650					SHEET 1 OF 1		REV 2
											DO NOT SCALE		