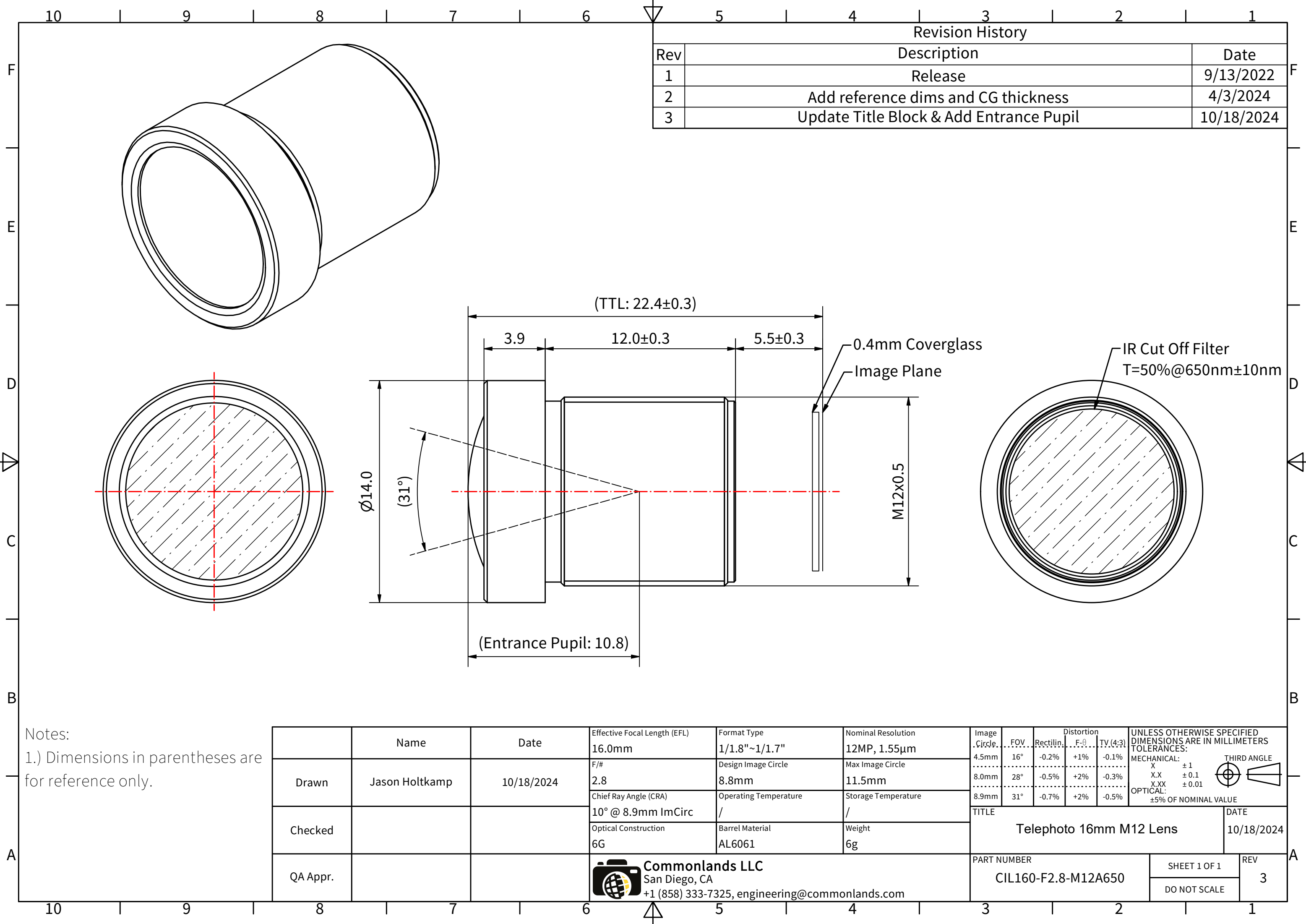




Revision History		
Rev	Description	Date
1	Release	9/13/2022
2	Add reference dims and CG thickness	4/3/2024
3	Update Title Block & Add Entrance Pupil	10/18/2024

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-#	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		
			16.0mm	1/1.8"~1/1.7"	12MP, 1.55µm	4.5mm	16°	-0.2%	+1%	-0.1%				
Drawn	Jason Holtkamp	10/18/2024	F/#	Design Image Circle	Max Image Circle	8.0mm	28°	-0.5%	+2%	-0.3%				
			Chief Ray Angle (CRA)	Operating Temperature	Storage Temperature	8.9mm	31°	-0.7%	+2%	-0.5%				
Checked			10° @ 8.9mm ImCirc	/	/	TITLE						DATE		
			Optical Construction	Barrel Material	Weight	Telephoto 16mm M12 Lens						10/18/2024		
QA Appr.			6G	AL6061	6g	PART NUMBER						SHEET 1 OF 1		REV
			 Commonlands LLC San Diego, CA +1 (858) 333-7325, engineering@commonlands.com			CIL160-F2.8-M12A650						DO NOT SCALE		3