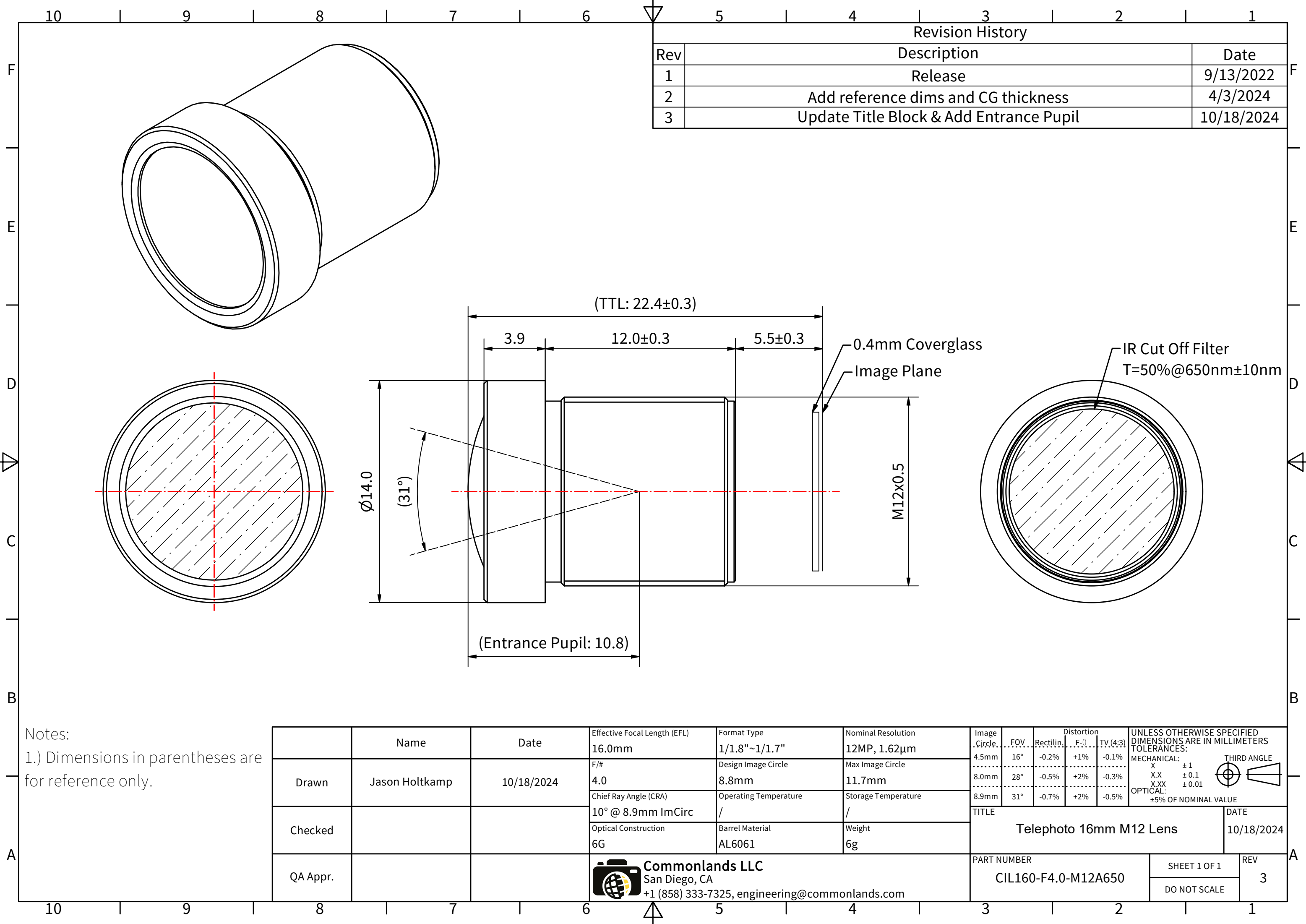




Revision History		
Rev	Description	Date
1	Release	9/13/2022
2	Add reference dims and CG thickness	4/3/2024
3	Update Title Block & Add Entrance Pupil	10/18/2024

Notes:

1.) Dimensions in parentheses are for reference only.

	Name	Date	Effective Focal Length (EFL) 16.0mm	Format Type 1/1.8"~1/1.7"	Nominal Resolution 12MP, 1.62µm	Image Circle 4.5mm	FOV 16°	Rectilin. -0.2%	Distortion F-θ +1%	TV (4:3) -0.1%	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	10/18/2024	F/# 4.0	Design Image Circle 8.8mm	Max Image Circle 11.7mm	8.0mm	28°	-0.5%	+2%	-0.3%	8.9mm	31°	-0.7%	+2%	-0.5%	
Checked			Chief Ray Angle (CRA) 10° @ 8.9mm ImCirc	Operating Temperature /	Storage Temperature /	TITLE Telephoto 16mm M12 Lens									DATE 10/18/2024	
			Optical Construction 6G	Barrel Material AL6061	Weight 6g											
QA Appr.			 Commonlands LLC San Diego, CA +1 (858) 333-7325, engineering@commonlands.com			PART NUMBER CIL160-F4.0-M12A650					SHEET 1 OF 1 DO NOT SCALE		REV 3			



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