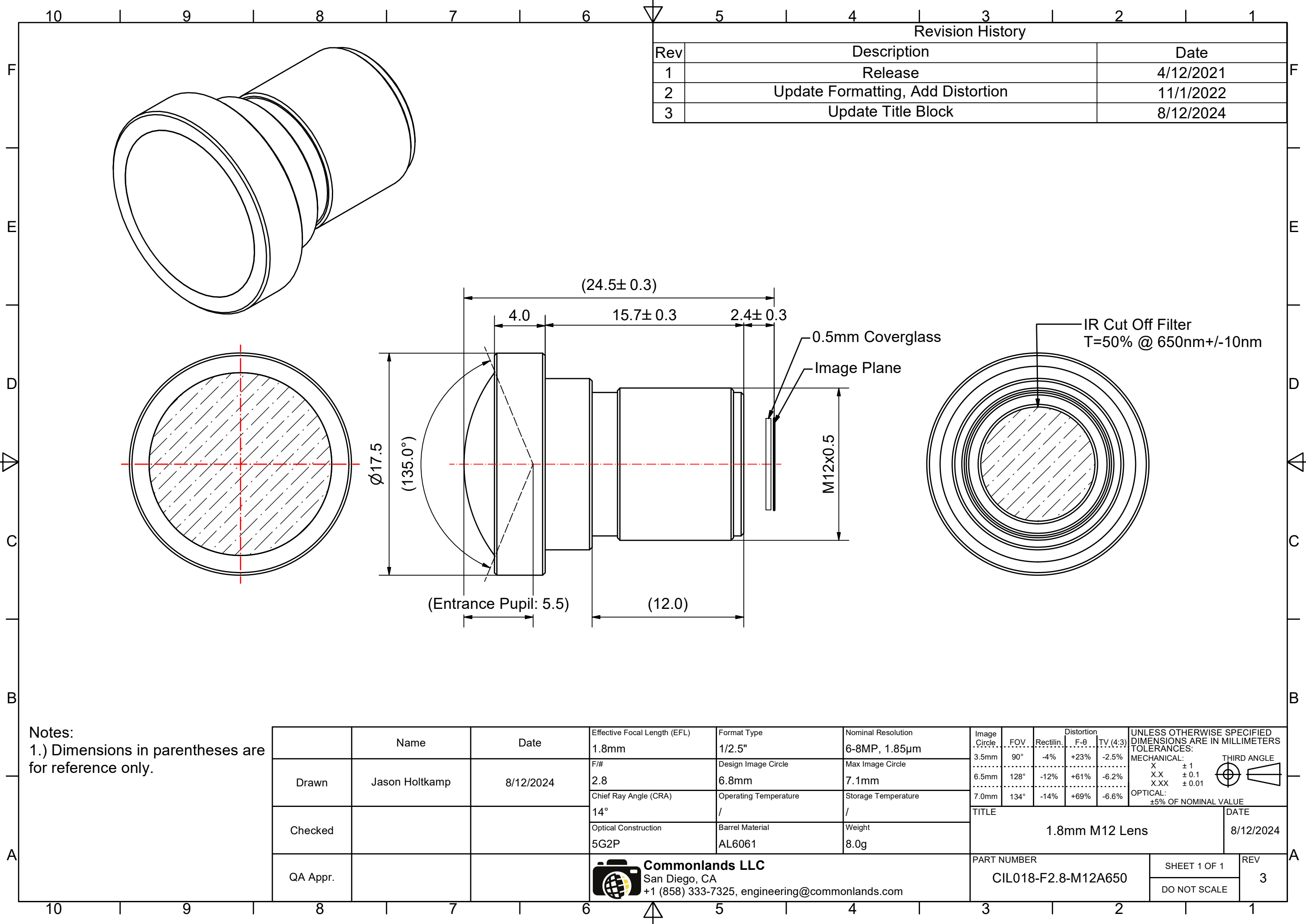




Revision History		
Rev	Description	Date
1	Release	4/12/2021
2	Update Formatting, Add Distortion	11/1/2022
3	Update Title Block	8/12/2024

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

	Name	Date	Effective Focal Length (EFL) 1.8mm	Format Type 1/2.5"	Nominal Resolution 6-8MP, 1.85µm	Image Circle 3.5mm	FOV 90°	Distortion Rectilin. -4%	F-# +23%	TV (4:3) -2.5%	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	8/12/2024	F/# 2.8	Design Image Circle 6.8mm	Max Image Circle 7.1mm	6.5mm	128°	-12%	+61%	-6.2%	THIRD ANGLE 		
			Chief Ray Angle (CRA) 14°	Operating Temperature /	Storage Temperature /	7.0mm	134°	-14%	+69%	-6.6%			
Checked			Optical Construction 5G2P	Barrel Material AL6061	Weight 8.0g	TITLE 1.8mm M12 Lens					DATE 8/12/2024		
QA Appr.			 Commonlands LLC San Diego, CA +1 (858) 333-7325, engineering@commonlands.com			PART NUMBER CIL018-F2.8-M12A650					SHEET 1 OF 1 DO NOT SCALE		REV 3