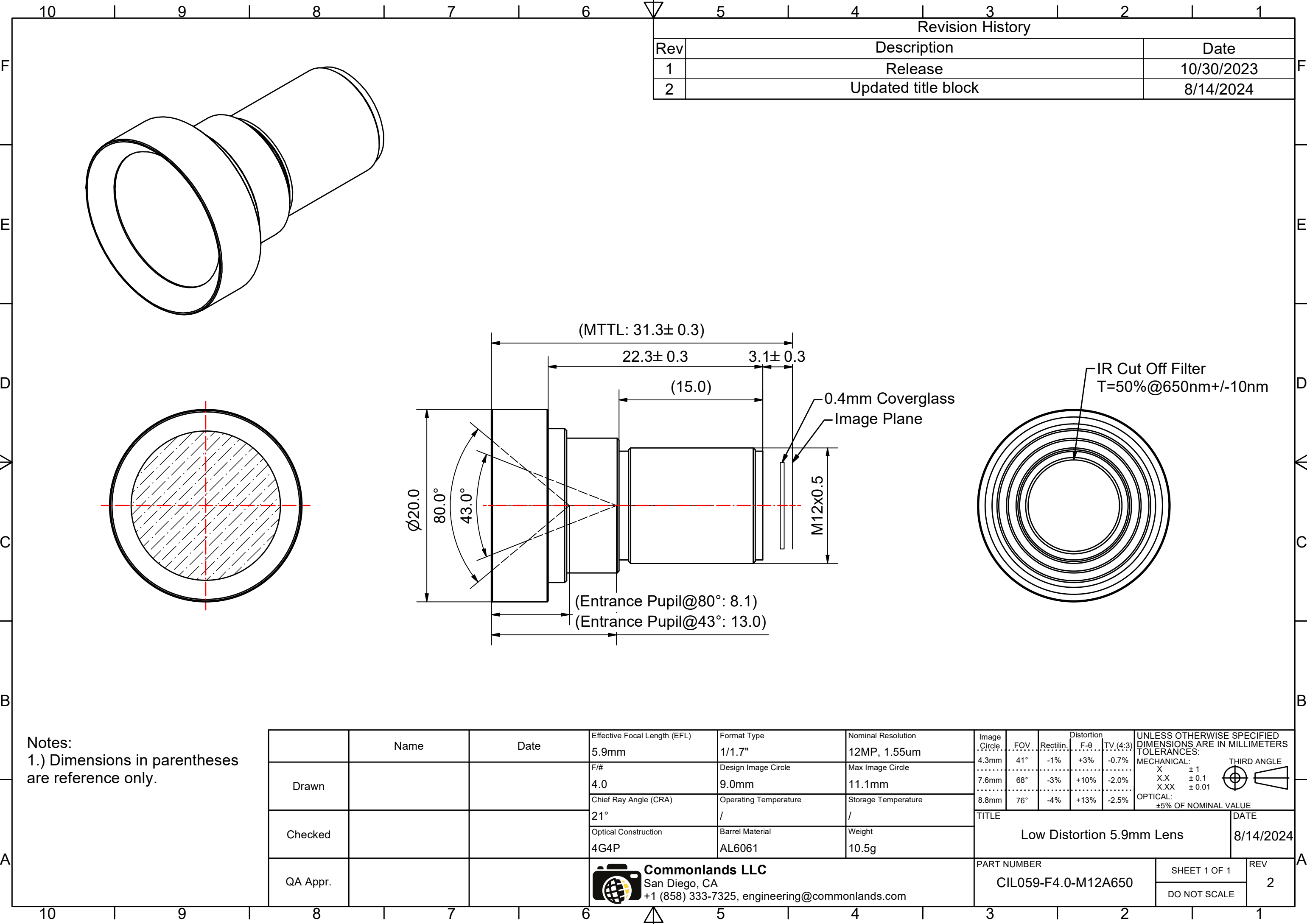
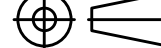




Notes:
1.) Dimensions in parentheses are reference only.

	Name	Date	Effective Focal Length (EFL) 5.9mm	Format Type 1/1.7"	Nominal Resolution 12MP, 1.55um	Image Circle 4.3mm	FOV 41°	Rectilin. -1%	Distortion F-θ +3%	TV (4:3) -0.7%	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			F/# 4.0	Design Image Circle 9.0mm	Max Image Circle 11.1mm	7.6mm	68°	-3%	+10%	-2.0%	THIRD ANGLE 		
			Chief Ray Angle (CRA) 21°	Operating Temperature /	Storage Temperature /	8.8mm	76°	-4%	+13%	-2.5%			
Checked			Optical Construction 4G4P	Barrel Material AL6061	Weight 10.5g	TITLE Low Distortion 5.9mm Lens					DATE 8/14/2024		
QA Appr.			 Commonlands LLC San Diego, CA +1 (858) 333-7325, engineering@commonlands.com			PART NUMBER CIL059-F4.0-M12A650					SHEET 1 OF 1 DO NOT SCALE		REV 2