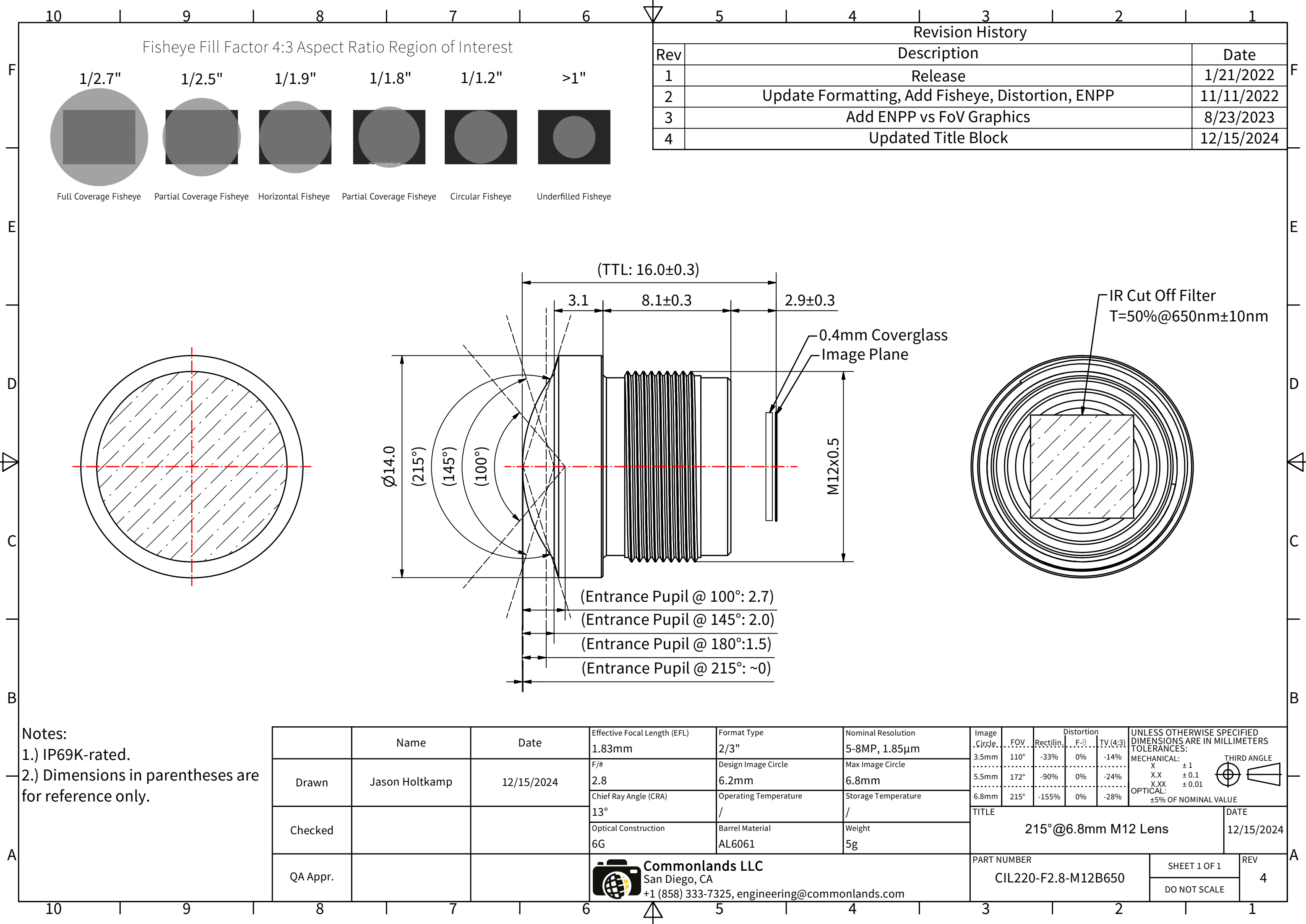
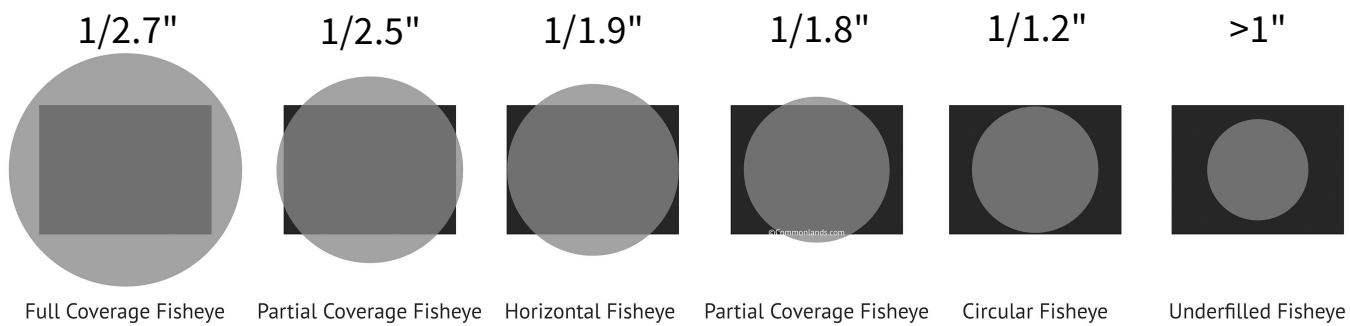




Fisheye Fill Factor 4:3 Aspect Ratio Region of Interest



Revision History		
Rev	Description	Date
1	Release	1/21/2022
2	Update Formatting, Add Fisheye, Distortion, ENPP	11/11/2022
3	Add ENPP vs FoV Graphics	8/23/2023
4	Updated Title Block	12/15/2024

Notes:
1.) IP69K-rated.
2.) Dimensions in parentheses are for reference only.

	Name	Date	Effective Focal Length (EFL)	Format Type	Nominal Resolution	Image Circle	FOV	Rectilin.	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		
			1.83mm	2/3"	5-8MP, 1.85µm	3.5mm	110°	-33%	0%	-14%			
Drawn	Jason Holtkamp	12/15/2024	F/#	Design Image Circle	Max Image Circle	5.5mm	172°	-90%	0%	-24%			
			Chief Ray Angle (CRA)	Operating Temperature	Storage Temperature	6.8mm	215°	-155%	0%	-28%			
Checked			13°	/	/	TITLE						DATE	
			Optical Construction	Barrel Material	Weight	215°@6.8mm M12 Lens						12/15/2024	
QA Appr.			6G	AL6061	5g	PART NUMBER						REV	
			 Commonlands LLC San Diego, CA +1 (858) 333-7325, engineering@commonlands.com			CIL220-F2.8-M12B650						SHEET 1 OF 1	
						DO NOT SCALE						4	