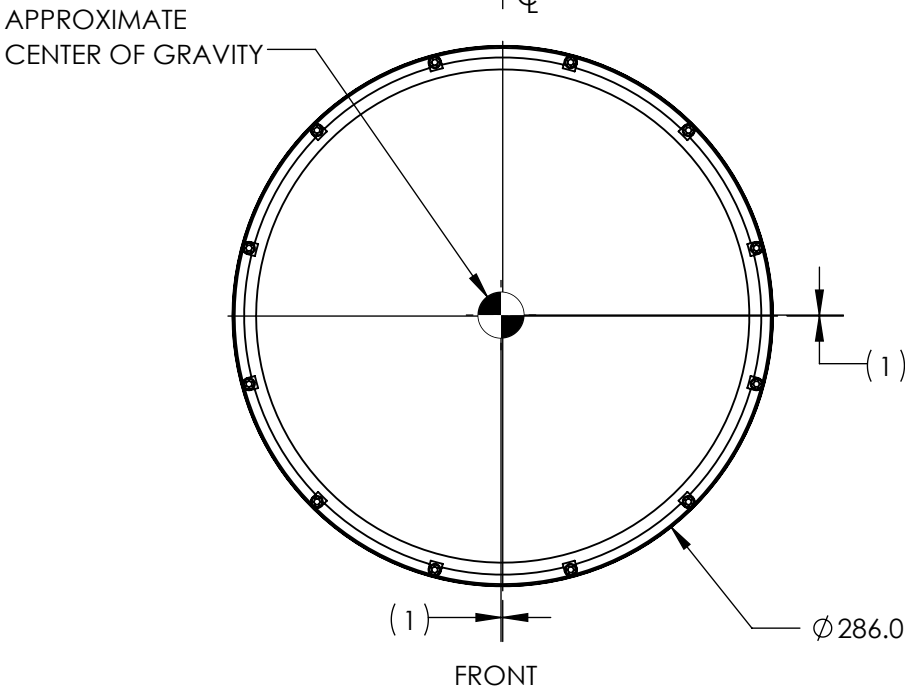
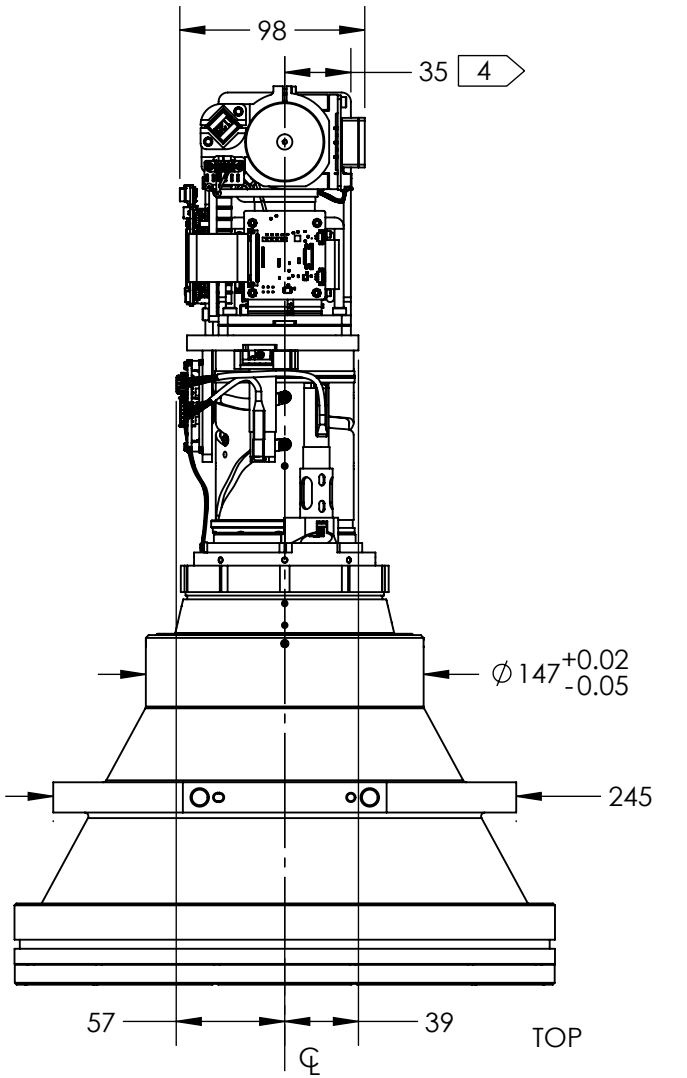
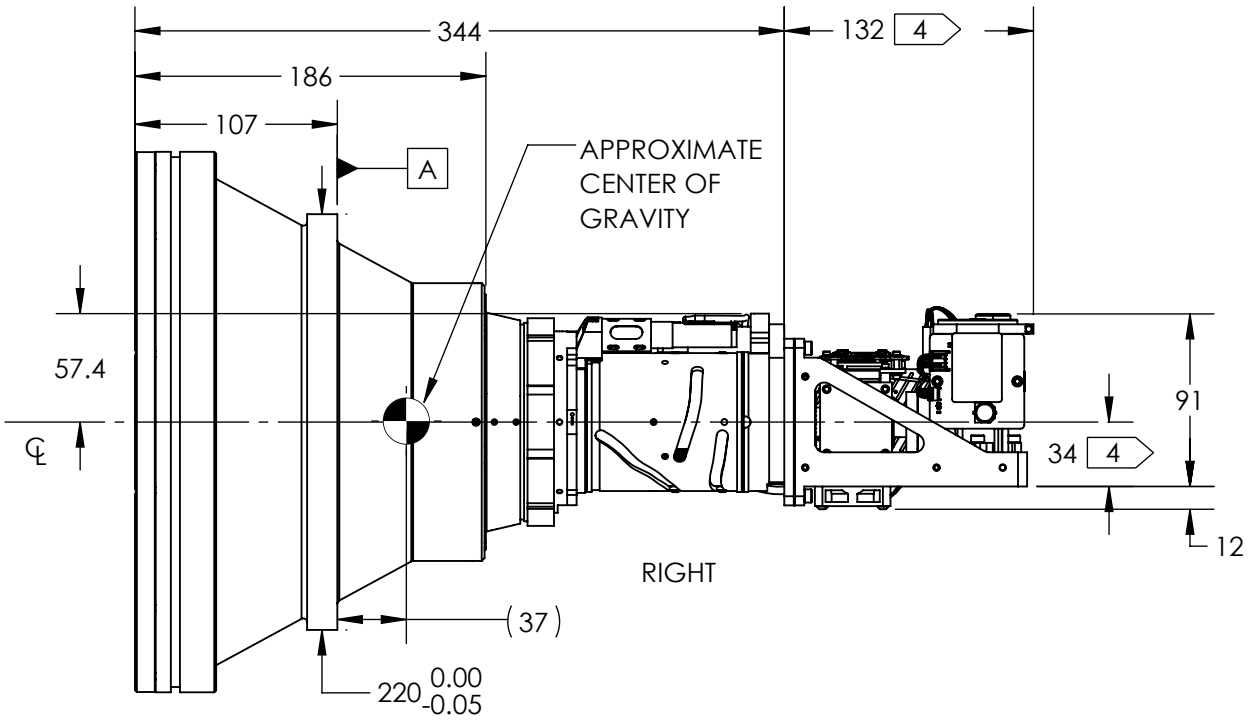
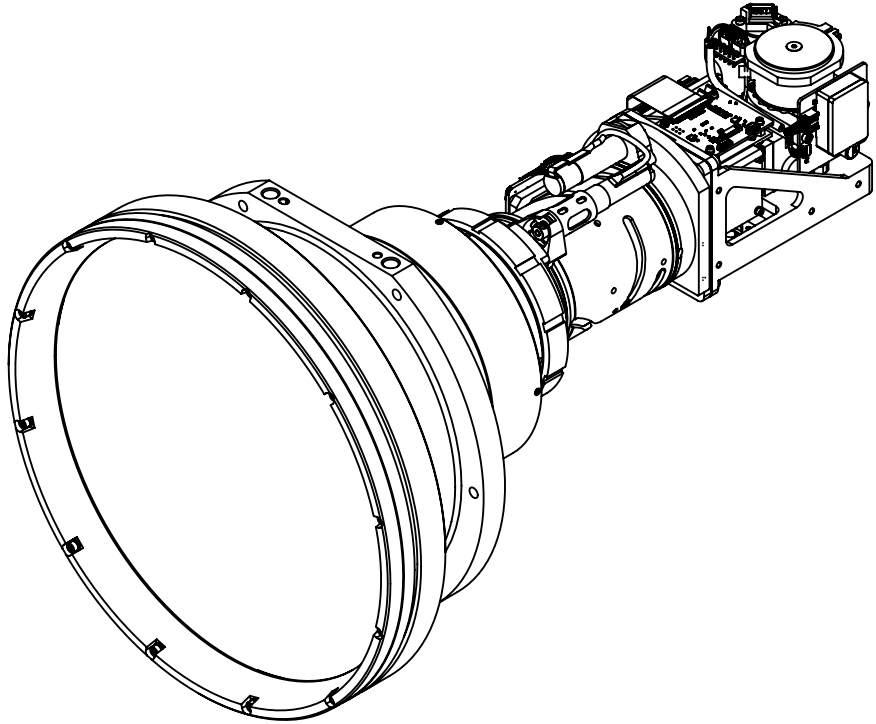


NOTES:

1.
- WHEN MOUNTING CAMERA IN AN ENCLOSURE USE PRIMARY HOLES ON DATUMS A OR B.
2.
- HOLES LOCATED ON DATUMS C OR D AVAILABLE FOR ADDITIONAL SUPPORT.
3.
- SURFACE A SHOULD BE CLOSELY HELD FOR SUPPORT AND TO PROVIDE A SEALING SURFACE FOR O-RING INSTALLATION.
4.
- TO PREVENT SENSOR VIBRATION THE SENSOR FRAME SHOULD BE SUPPORTED USING THE SECONDARY MOUNTING HOLES ON THE BACK OF THE FRAME. THE LENS ASSEMBLY AND SENSOR FRAME HAVE VARIABLE ALIGNMENT IN ORDER TO FACILITATE OPTICAL CALIBRATION +/- 1MM. MAKE NOTE THAT ALL SECONDARY MOUNTING HOLES HAVE VARIABLE LOCATION WITH RESPECT TO PRIMARY MOUNTING HOLES.
5.
- OVERALL THERMAL DISSIPATION REQUIREMENT IS APPROX. 13 WATTS. PRIMARY HEATSINKING SURFACES INDICATED
6.
- IMAGE PROCESSOR, HEATSINK AND FAN MAY BE RELOCATED FOR ADDITIONAL CLEARANCE BY REMOVING MOUNTING HARDWARE. FLAT FLEXIBLE CABLE (FFC) MAY BE REPLACED TO ALLOW EXTENSION
7.
- RECOMMENDED WINDOW VERTICAL TILT ANGLE AT WIDE ZOOM = 4.7°
8.
- FOR CONNECTOR INFORMATION, REFERENCE ELECTRICAL ICD DOC NO S-D11242
9.
- APPROXIMATE MASS = 8340g



REVISIONS					
ZONE	REV.	DESCRIPTION	ECO	DATE	ENGINEER
	A	INITIAL RELEASE	1103	2021-12-13	M. SCOTT
	B	DRAWING SHEET FORMAT AND FOV UPDATE	1654	2025-09-03	M. SCOTT



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	X ± 2.5 mm	ANGLES X.X ± 0.3 mm X.XX ± 0.13 mm			
	THIRD ANGLE PROJECTION		MATERIAL: N/A		
			FINISH: N/A		
	DO NOT SCALE DRAWING		N/A		
			DESCRIPTION: MECHANICAL ICD, VENTUS 900 HOT		
			SIZE B	DRAWN BY: M. SCOTT	SHEET 1 OF 3
		DRAWING NUMBER: S-D11221		Rev. B	

C

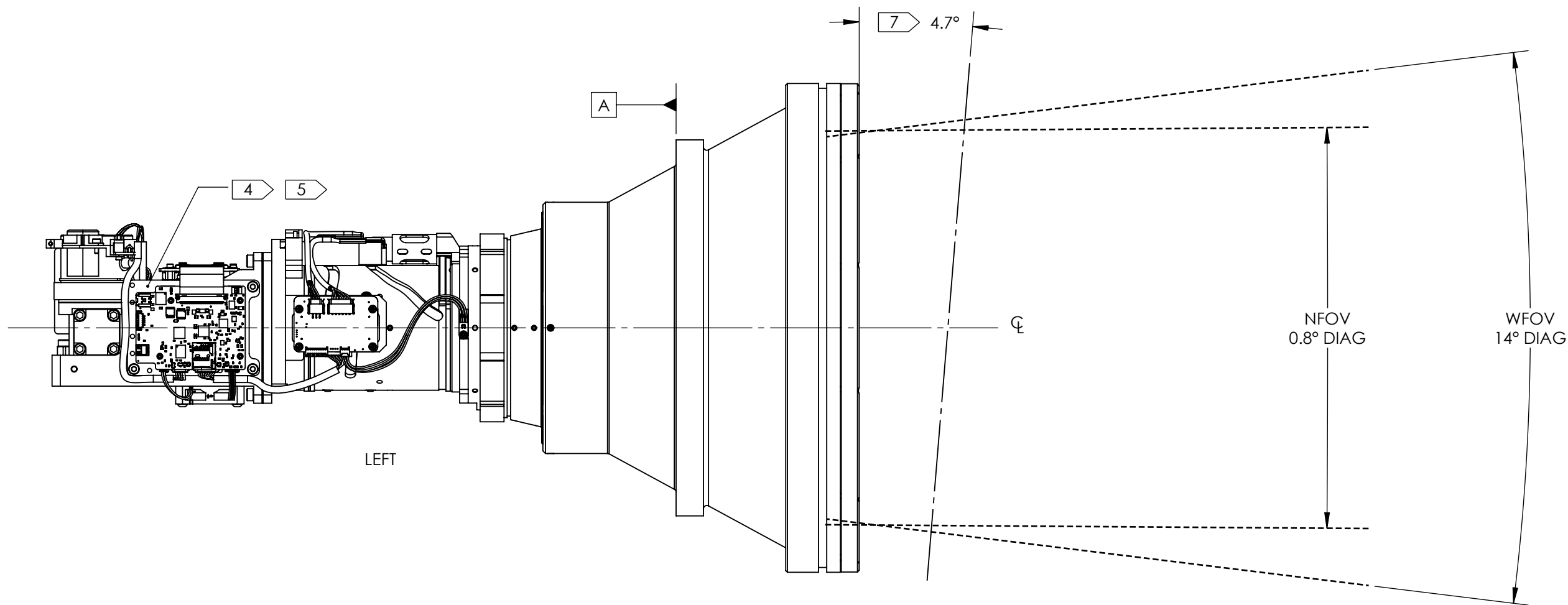
B

A

C

B

A



WIDE FIELDS OF VIEW ENTRANCE PUPIL LOCATION 776.86mm BEHIND DATUM A ENTRANCE PUPIL DIAMETER 11.23mm	
HFOV	11.4°
VFOV	9.4°
DFOV	14°

NARROW FIELDS OF VIEW ENTRANCE PUPIL LOCATION 347.27mm BEHIND DATUM A ENTRANCE PUPIL DIAMETER 224.26mm	
HFOV	0.6°
VFOV	0.5°
DFOV	0.8°

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	X ± 2.5 mm X.X ± 0.3 mm X.XX ± 0.13 mm	ANGLES X ± 1° X.X ± 0.5°				
	THIRD ANGLE PROJECTION		MATERIAL: N/A		DESCRIPTION: Ventus Hot 900	
			FINISH: N/A			
	DO NOT SCALE DRAWING		N/A		SIZE B	DRAWN BY: M. SCOTT
				DRAWING NUMBER: S-D11221		Rev. B

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3

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1