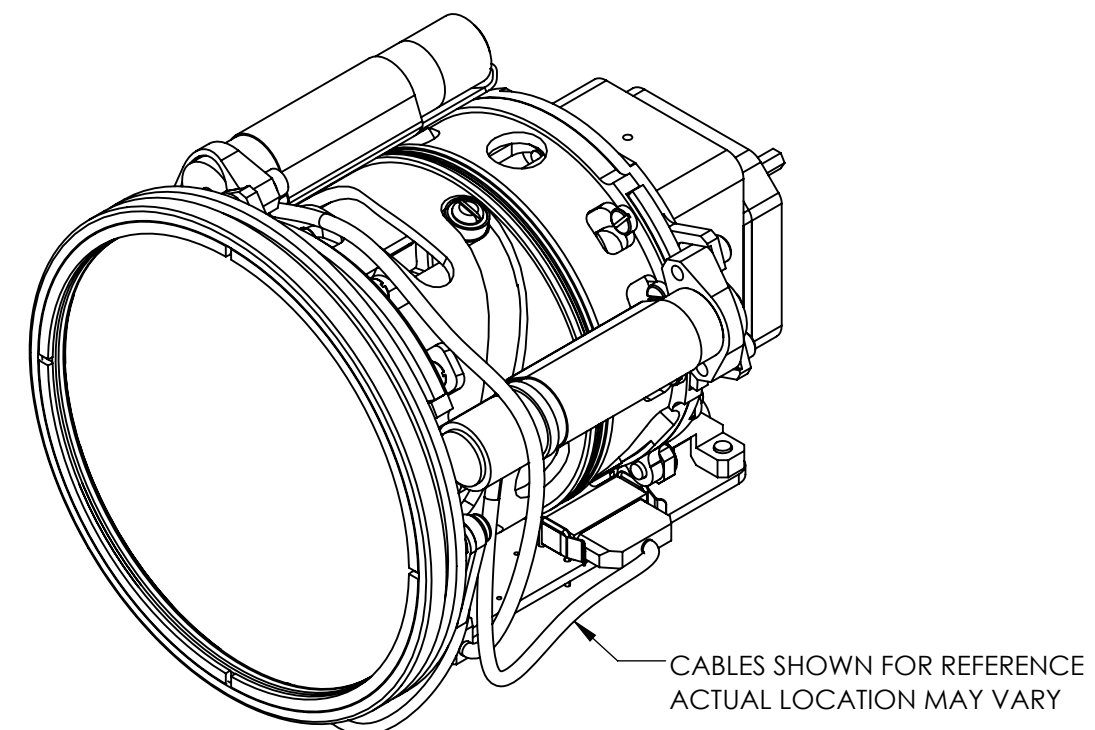
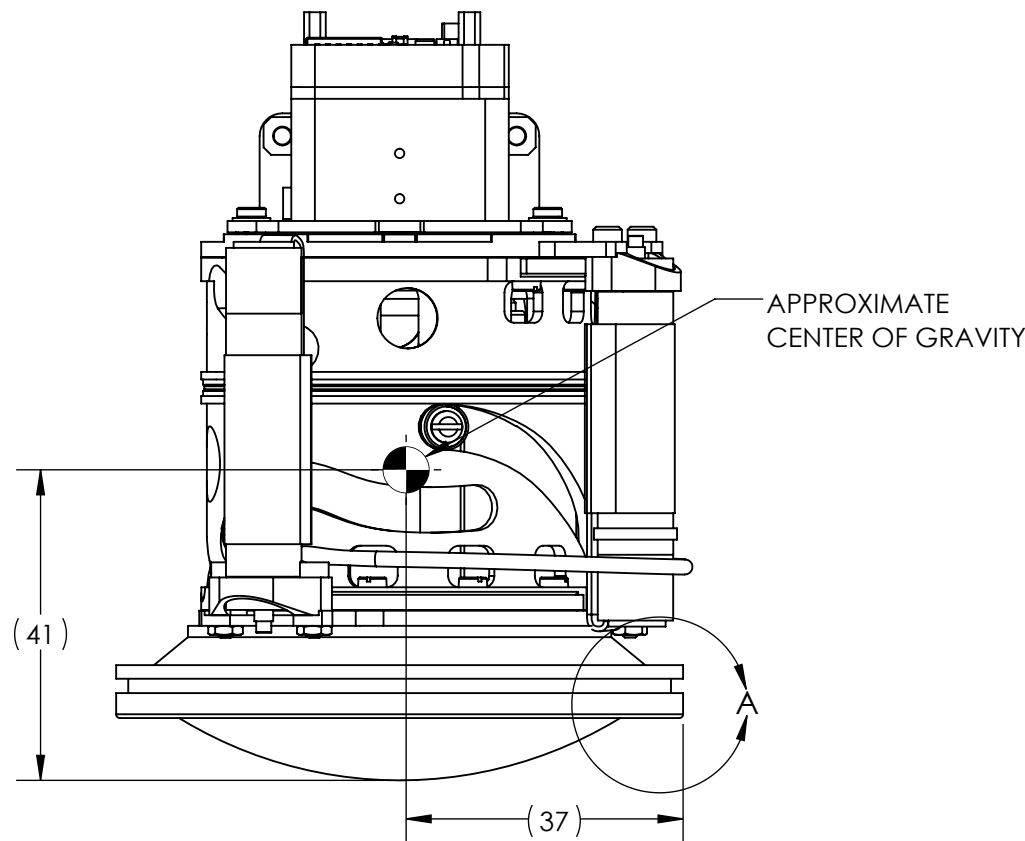


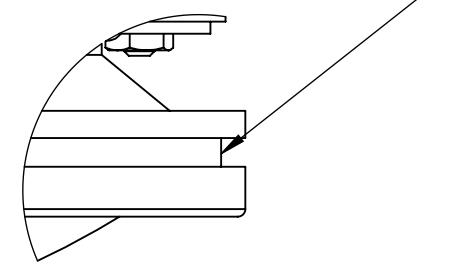
NOTES:

- 1. DATUM A DEFINES IP67 SEALING SURFACE AND THE PRIMARY MOUNT LOCATION
- 2. SECONDARY MOUNT LOCATION, REQUIRES RELOCATION OF THE LENS CONTROLLER PCB
- 3. APPROXIMATE TOTAL MASS = 352g
- 4. FOR SENSOR CONNECTOR INFORMATION REFERENCE TENUM 640 ELECTRICAL ICD DOCUMENT NO: 1040066
- 5. FOR LENS CONNECTOR INFORMATION, REFERENCE OPHIR GEN3-USER MANUAL
- 6. RECOMMENDED WINDOW VERTICAL TILT ANGLE AT WIDE ZOOM = 10°

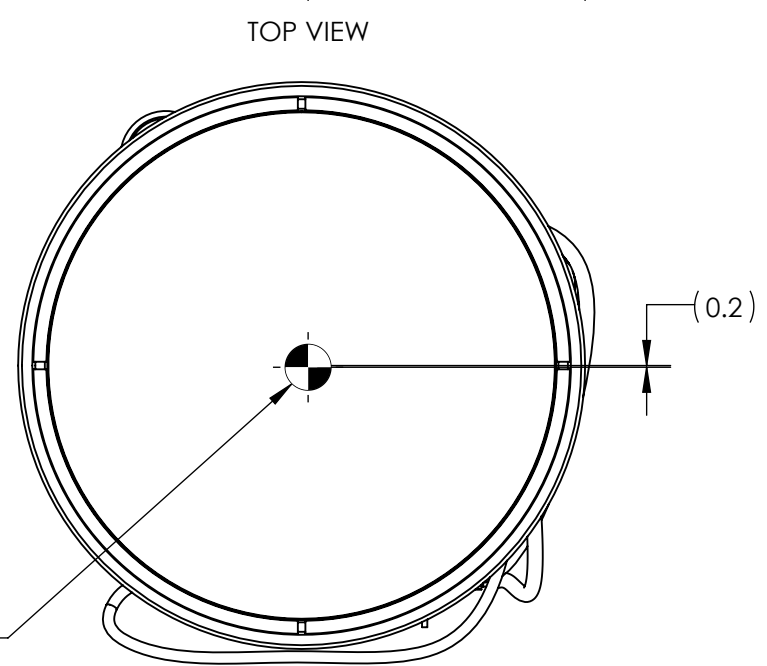
REVISIONS					
ZONE	REV.	DESCRIPTION	ECO	DATE	ENGINEER
	A	INITIAL RELEASE	1801	2024-09-16	D. KAMINSKI



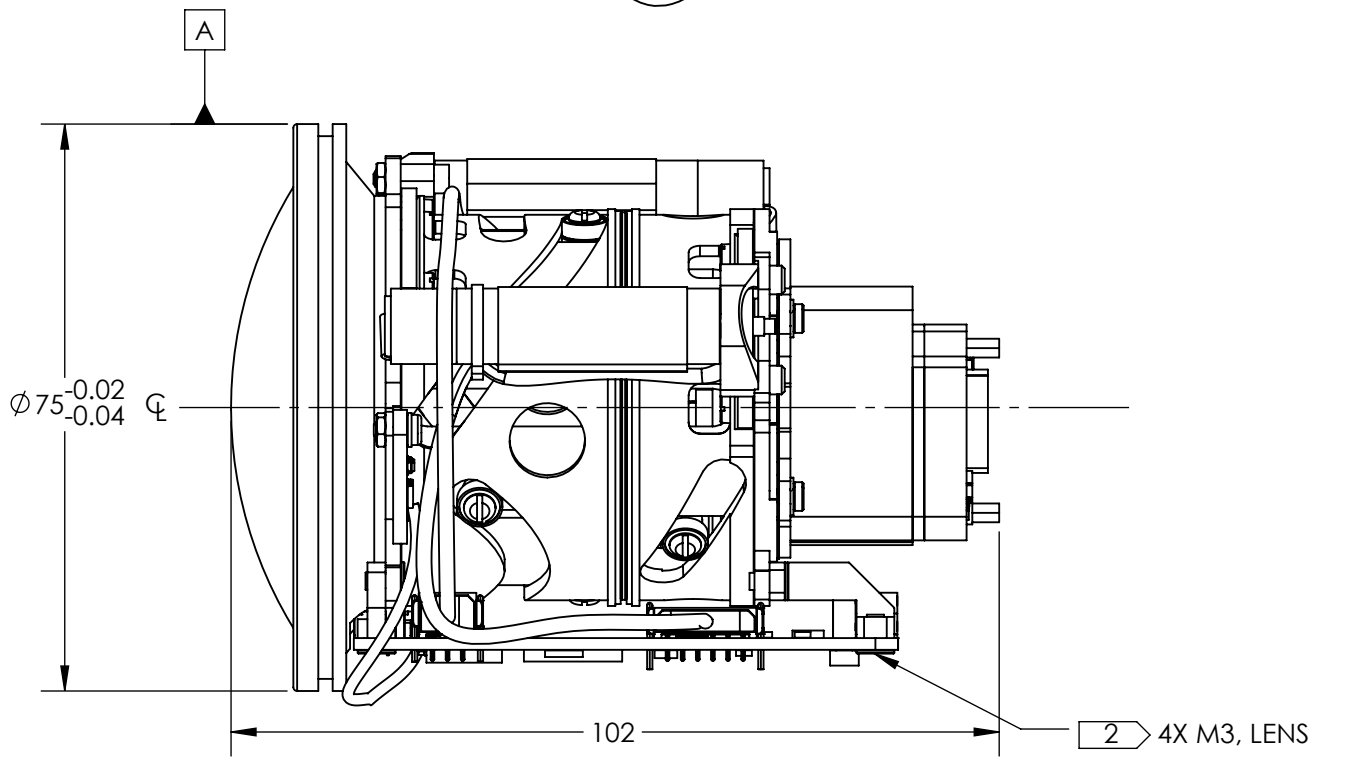
O-RING GROOVE  
RECOMMENDED O-RING:  
PARKER 2-039 ID=69.57, W=1.78 EPDM-70



DETAIL A  
SCALE 2 : 1



FRONT VIEW



RIGHT VIEW

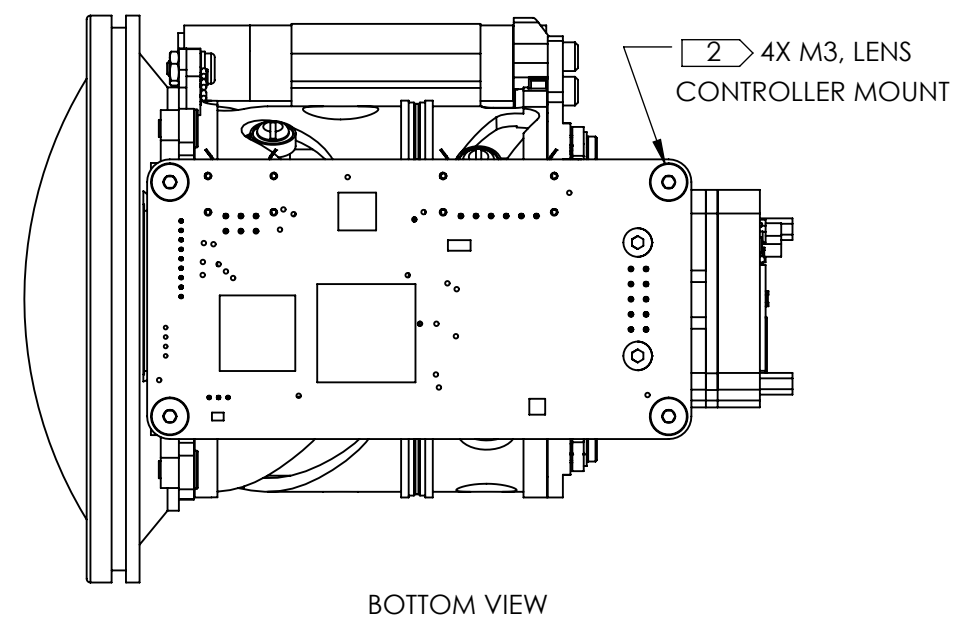
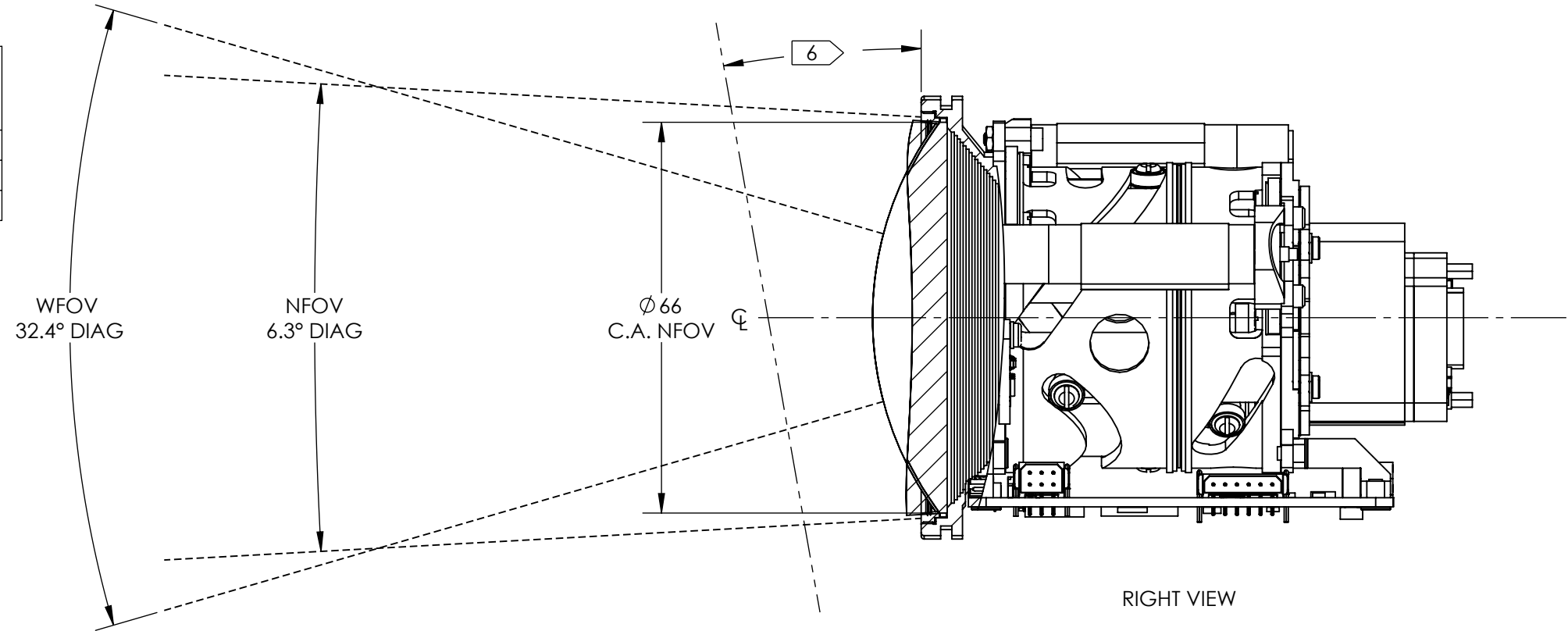
Product Export Classification Control Number(ECCN): 60/30Hz 6A003.b.4.b 9Hz: 6A993  This document does not contain export-controlled technology.	UNLESS OTHERWISE SPECIFIED DIM ARE IN MILLIMETERS		<b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIERRA OLYMPIA TECHNOLOGIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SIERRA OLYMPIA TECHNOLOGIES, INC. IS PROHIBITED.  MATERIAL: N/A  FINISH: N/A  N/A	<b>SIERRA-OLYMPIA TECHNOLOGIES INC.</b> DESCRIPTION: Mechanical ICD, Vinden 75T Core			
	X ± 2.5 mm	ANGLES X ± 1°					
	X.X ± 0.3 mm	X.X ± 0.5°		THIRD ANGLE PROJECTION	SIZE	DRAWN BY:	SHEET 1 OF 2
	X.XX ± 0.13 mm				<b>B</b>	D. KAMINSKI	
DO NOT SCALE DRAWING			DRAWING NUMBER:		Rev. A		

**WIDE FIELDS OF VIEW**  
 ENTRANCE PUPIL LOCATION BEHIND LENS VERTEX 26.8MM  
 ENTRANCE PUPIL DIAMETER 13.9MM

HFOV	24.8°
VFOV	19.7°
DFOV	32.1°

**NARROW FIELDS OF VIEW**  
 RAY BUNDLE REFERENCE AT FRONT ELEMENT  
 CLEAR APERTURE 66MM AT FRONT ELEMENT

HFOV	4.9°
VFOV	3.9°
DFOV	6.3°



Product Export Classification Control Number(ECCN): 60/30Hz 6A003.b.4.b 9Hz: 6A993  This document does not contain export-controlled technology.	UNLESS OTHERWISE SPECIFIED DIM ARE IN MILLIMETERS		<b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIERRA OLYMPIA TECHNOLOGIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SIERRA OLYMPIA TECHNOLOGIES, INC. IS PROHIBITED.  MATERIAL: N/A  FINISH: N/A  N/A	<b>SIERRA-OLYMPIA TECHNOLOGIES INC.</b> DESCRIPTION: Mechanical ICD, Vinden 75T Core  SIZE: <b>B</b> DRAWN BY: D. KAMINSKI SHEET 2 OF 2 DRAWING NUMBER: 20-70042 Rev. A
	X ± 2.5 mm	ANGLES X ± 1°		
	X.X ± 0.3 mm	X.X ± 0.5°		
	X.XX ± 0.13 mm			
THIRD ANGLE PROJECTION				
DO NOT SCALE DRAWING				