



NOTES/SPECIFICATIONS:

1. MATERIAL: BARIUM FLUORIDE PER MIL-G-174B
Nd: 1.474 ± 0.001 Vd: $81.608 \pm 1.0\%$
2. MANUFACTURE PER MIL-PRF-13830B
3. CHAMFER EDGES TO $0.25 \times 0.25 +0.25/-0.05$
4. CLEAR APERTURE: $\geq \varnothing 11.43$ mm
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. SURFACE FLATNESS: $< \lambda/4$ AT 633 nm
7. PARALLELISM: < 1 arcmin
8. CHIPS ≤ 0.2 mm
9. EACH LOT OF OPTICS PRODUCED REQUIRES TEST DATA
VERIFYING COMPLIANCE TO SPECIFICATIONS

DRAWING PROJECTION						
	NAME	DATE	D12.7mm, BaF2 Window, 3mm Thick, Uncoated			
DRAWN	CWD	2022/5/18	WG0127-3-1			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			BARIUM FLUORIDE		5:1	A