



NOTES/SPECIFICATIONS:

1. MATERIAL: CORNING FUSED SILICA, SUBSTRATE GRADE, 2G OR EQUIVALENT PER MIL-G-174B
Nd: 1.458 ± 0.001 Vd: $67.821 \pm 1.0\%$
2. MANUFACTURE PER MIL-PRF-13830B
3. CHAMFER EDGES TO $0.50 \times 0.50 +0.25/-0.05$
4. CLEAR APERTURE: $> \varnothing 68.6\text{mm}$
5. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
6. SURFACE FLATNESS (S1): $< \lambda/10$ AT 633nm
(S2): UNIFORM FINE GRIND #12-20 GRIT
7. PARALLELISM: < 3 arcmin
8. NO DEFECTS/CHIP SIZE $> 0.20 \text{ mm}$
9. EACH LOT OF OPTICS PRODUCED REQUIRES TEST DATA VERIFYING COMPLIANCE TO SPECIFICATIONS.

DRAWING PROJECTION						
	NAME	DATE	D76.2mm Mirror, Polished Blank			
DRAWN	CWD	2022/5/18	BEM4762-1			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			SEE NOTE		1 : 1	A