



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH: $f=75.3 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=70.8 \text{ mm}$
4. CLEAR APERTURE: $> \phi 45.72 \text{ mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $\leq 3 \text{ arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1 \text{ mm}$
8. THICKNESS TOLERANCE: $\pm 0.1 \text{ mm}$
9. COATING(S1,S2): BBAR $R_{avg} < 0.5\%$ FROM 1050-1700 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	F= 75.0 mm, D50.8UV Fused Silica Bi-Convex Lens, C Coating				
DRAWN	CWD	2022/5/18	EX4508-75-C				
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.0338kg	1:1	A	