



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f=60.2 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=54.6 \text{ mm}$
4. CLEAR APERTURE:  $> \varnothing 45.72 \text{ mm}$
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,  $0^\circ$  AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	F= 60.0 mm, D50.8UV Fused Silica Bi-Convex Lens, C Coating			
DRAWN	CWD	2022/5/18	EX4508-60-C			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.04098kg	1:1	A