



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH: $f=100.3 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=96.8 \text{ mm}$
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 650-1050 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	F= 100.0 mm, D50.8UV Fused Silica Bi-Convex Lens, B Coateding			
DRAWN	CWD	2022/5/18	BX4508-100-B			
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.02978kg	1:1	A