



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH:  $f=125.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf=123.8\text{mm}$
4. CLEAR APERTURE:  $> \varnothing 22.86\text{mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION:  $\leq 3\text{arcmin}$
7. DIAMETER TOLERANCE:  $+0.00/-0.10\text{mm}$
8. THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
9. COATING: BBAR 245-400nm,  $R_{\text{avg}} < 0.5\%$   $0^\circ$  AOI ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	D25.4 F=125.0 UV Coat Fused Silica Bi-Convex Lens				
DRAWN	CWD	2022/5/18	EX4254-125-UV				
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UV GRADE FUSED SILICA	0.003kg		A	