



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH: $f=501.8\text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf=500.9\text{ mm}$
- CLEAR APERTURE: $> \phi 22.86\text{ mm}$
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION: $\leq 3\text{ arcmin}$
- DIAMETER TOLERANCE: $+0.0/-0.1\text{ mm}$
- THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
- 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= 500.0 mm, D25.4 UV Fused Silica Bi-Convex Lens, C Coateding				
DRAWN	CWD	2022/5/18	EX4254-500-C				
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.00242kg	1:1	A	