



#### NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f=50.2 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=49.2 \text{ mm}$
4. CLEAR APERTURE:  $> \phi 11.43 \text{ mm}$
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 350-700 nm,  $0^\circ$  AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	F= 50.0 mm, D12.7 UV Fused Silica Bi-Convex Lens, A Coateding			
DRAWN	CWD	2022/5/18	EX4127-50-A			
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.00062kg	2:1	A