



#### NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH:  $f=10.0\text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF):  $bf=9.2\text{ mm}$
- CLEAR APERTURE:  $> \Phi 4.50\text{ mm}$
- 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 350-700 nm,  $0^\circ$  AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	F= 10.0 mm, D5 mm UV Fused Silica Bi-Convex Lens, A Coateding				
DRAWN	CWD	2022/5/18	EX4005-10-A				
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV GRADE FUSED SILICA	0.00008kg	5:1	A	