



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH: $f=10.0 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=9.2 \text{ mm}$
4. CLEAR APERTURE: $> \varnothing 4.50 \text{ mm}$
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 1050-1700 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

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