



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH: $f=50.2 \text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf=49.2 \text{ mm}$
- CLEAR APERTURE: $> \varnothing 11.43 \text{ mm}$
- SURFACE QUALITY: 20-10 SCRATCH-DIG
- CENTRATION: $\leq 3 \text{ arcmin}$
- DIAMETER TOLERANCE: $+0.0/-0.1 \text{ mm}$
- THICKNESS TOLERANCE: $\pm 0.1 \text{ mm}$
- SURFACE IRREGULARITY: $\leq \lambda/4, @633 \text{ nm}$
- SPHERICAL SURFACE POWER: $\leq 3\lambda/2, @633 \text{ nm}$
- COATING(S1,S2): VAR R<0.25% PER SURFACE FOR 1064 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	F=50.0mm, D12.7 UVFS Bi-Convex Lens, 1064nm coating				
DRAWN	CWD	2022/5/18	BX4127-50-1064				
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.0006kg	5:1	A	