



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: $> \phi 11.43\text{ mm}$
- 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= 50.0 mm, D12.7 UV Fused Silica Bi-Convex Lens, C Coateding			
DRAWN	CWD	2022/5/18	EX4127-50-C			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.00062kg	2:1	A