



#### NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH:  $f=30.1\text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF):  $bf=28.9\text{ mm}$
- 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 650-1050 nm,  $0^\circ$  AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	F= 30.0 mm, D12.7 UV Fused Silica Bi-Convex Lens, B Coateding			
DRAWN	CWD	2022/5/18	EX4127-30-B			
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.00071kg	2:1	A