



# NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 588nm
- FOCAL LENGTH:  $f=50.0\text{mm} \pm 1\%$
- BACK FOCAL LENGTH(REF):  $bf=49.1\text{mm}$
- CLEAR APERTURE:  $>90\%$
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION:  $\leq 3\text{arcmin}$
- DIAMETER TOLERANCE:  $+0.0/-0.1\text{mm}$
- THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	D12.7 F=50.0 UV Fused Silica Bi Convex Lens				
DRAWN	CWD	2022/5/18	EX4127-50-1				
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV GRADE FUSED SILICA	0.02kg	1:1	A	