



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: $f=20.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=18.5\text{mm}$
4. CLEAR APERTURE: $>90\%$ OF DIAMETER
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: BBAR $R_{avg} < 0.5\%$ FROM 1050nm-1700nm, 0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	D12.7mm F=20mm UVFS C Coated Bi-Convex Lens				
DRAWN	CWD	2022/5/18	EX4127-20-C				
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UV GRADE FUSED SILICA	0.02kg		A	