



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 588nm
- FOCAL LENGTH: $f=50.0\text{mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf=48.0\text{mm}$
- CLEAR APERTURE: >90% OF DIAMETER
- 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: BBAR $R_{\text{avg}} < 0.5\%$ FROM 650nm-1050nm, 0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	D25.4mm F=50mm UVFS B Coated Bi-Convex Lens			
DRAWN	CWD	2022/5/18	EX4254-50-B			
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV GRADE FUSED SILICA	0.03kg		A