



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: $f=50.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF): $bf=48.0\text{mm}$
4. CLEAR APERTURE: $> \text{Ø } 22.86\text{mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $\leq 3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.00/-0.10\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR 245-400nm, $R_{\text{avg}} < 0.5\%$ 0° AOI
ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	D25.4 F=50.0 UV Coat Fused Silica Bi-Convex Lens			
DRAWN	CWD	2022/5/18	EX4254-50-UV			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV GRADE FUSED SILICA	0.0043kg		A