



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH: $f=-30.1\text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=-32.2\text{ mm}$
4. CLEAR APERTURE: $> \varnothing 22.86\text{ mm}$
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. SURFACE IRREGULARITY: $\leq \lambda/4, @633\text{ nm}$
10. PLANO SURFACE FLATNESS: $\leq \lambda/2, @633\text{ nm}$
11. SPHERICAL SURFACE POWER: $\leq 3\lambda/2, @633\text{ nm}$
12. COATING(S1,S2): BBAR $R_{\text{avg}} < 0.5\%$ FROM 350 nm-700 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	D25.4mm F=-30mm UVFS A Coated Plano Concave Lens			
DRAWN	CWD	2022/5/18	PC4254--30-A			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV GRADE FUSED SILICA	0.0074kg		B