



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH: $f = -75.3 \text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf = -77.7 \text{ mm}$
- CLEAR APERTURE: $> \varnothing 22.86 \text{ mm}$
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION: $\leq 3 \text{ arcmin}$
- DIAMETER TOLERANCE: $+0.0/-0.1 \text{ mm}$
- THICKNESS TOLERANCE: $\pm 0.1 \text{ mm}$
- SURFACE IRREGULARITY: $\leq \lambda/4$, @633 nm
- PLANO SURFACE FLATNESS: $\leq \lambda/2$, @633 nm
- SPHERICAL SURFACE POWER: $\leq 3\lambda/2$, @633 nm
- COATING(S1,S2): BBAR $R_{avg} < 0.5\%$ FROM 650 nm-1050 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	D25.4mm F=-75mm UVFS B Coated Plano Concave Lens				
DRAWN	CWD	2022/5/18	PC4254--75-B				
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV GRADE FUSED SILICA	0.0052kg		B	