



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH: $f = -50.2 \text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf = -52.6 \text{ mm}$
- CLEAR APERTURE: $> \varnothing 11.43 \text{ mm}$
- 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: $\leq \lambda/4, @633 \text{ nm}$
- PLANO SURFACE FLATNESS: $\leq \lambda/2, @633 \text{ nm}$
- SPHERICAL SURFACE POWER: $\leq 3\lambda/2, @633 \text{ nm}$
- COATING(S1,S2): BBAR $R_{avg} < 0.5\%$ FOR 1050 nm-1700 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 			
	NAME	DATE	UVFS PCC Lens, D12.7, F= -50 mm, C Coated			
DRAWN	CWD	2022/5/18	PC4127--50-C			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.0011kg		A