



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH: $f=40.1 \text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf=37.8 \text{ mm}$
- 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: $\pm 0.1 \text{ mm}$
- COATING(S1,S2): BBAR $R_{avg} < 0.5\%$ FROM 350-700 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 			
	NAME	DATE	F= 40.0 mm, D25.4 UV Fused Silica Bi-Convex Lens, A Coateding			
DRAWN	CWD	2022/5/18	BX4254-40-A			
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.00486kg	1:1	A