



# NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 588nm
- FOCAL LENGTH:  $f=500.0\text{mm} \pm 1\%$
- BACK FOCAL LENGTH (REF):  $bf=498.5\text{mm}$
- CLEAR APERTURE:  $> \text{Ø } 45.72\text{mm}$
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION:  $\leq 3\text{arcmin}$
- DIAMETER TOLERANCE:  $+0.00/-0.10\text{mm}$
- THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
- 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	D50.8 F=500.0 UV Coat Fused Silica Bi-Convex Lens				
DRAWN	CWD	2022/5/18	EX4508-500-UV				
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV GRADE FUSED SILICA	0.02kg		A	