



#### NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH:  $f=301.1\text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF):  $bf=299.2\text{ mm}$
- CLEAR APERTURE:  $> \phi 45.72\text{ mm}$
- 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 1050-1700 nm,  $0^\circ$  AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION										
	NAME	DATE	F= 300.0 mm, D50.8UV Fused Silica Bi-Convex Lens, C Coateding							
DRAWN	CWD	2022/5/18	EX4508-300-C							
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV				
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.01863kg	1:1	A				