



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH:  $f=10.0\text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF):  $bf=9.1\text{ mm}$
- CLEAR APERTURE:  $> \varnothing 5.40\text{ mm}$
- SURFACE QUALITY: 20-10 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
- SPHERICAL SURFACE POWER:  $\leq 3\lambda/2$ , @633 nm
- COATING(S1,S2): VAR R <0.25% PER SURFACE FOR 532 nm & 1064 nm,  $0^\circ$  AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			睿创光科 RCOPTICS			
	NAME	DATE	F=10.0mm, D=6mm UVFS Bi-Convex Lens, YAG coating			
DRAWN	CWD	2022/5/18	EX4006-10-YAG			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.0001kg	5:1	A