



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm-700 nm
3. DIAMETER TOLERANCE: +0.0/-0.1mm
4. THICKNESS TOLERANCE: ±0.1mm
5. FOCAL LENGTH: -30.0mm±1%
6. BACK FOCAL LENGTH(REF): -31.8mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2 @ 632.8\text{nm}$
10. SURFACE POWER(S2): $3\lambda/2 @ 632.8\text{nm}$
11. SURFACE IRREGULARITY(S2): $\lambda/4 @ 632.8\text{nm}$
12. CENTRATION: <3arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1,S2): AR COATING $R_{\text{avg}} < 0.5\% @ 400\text{nm}-700\text{nm}$

DRAWING PROJECTION			 cruis-optics.com			
	NAME	DATE				
DRAWN	WENSHUO	2024/08/26	$\phi 12.7 \text{ mm}, f=-30.0 \text{ mm}$ PLANO CONCAVE LENS AR COATING 400-700nm			
APPROVAL	SHAWN	2024/08/26	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7		2:1	A